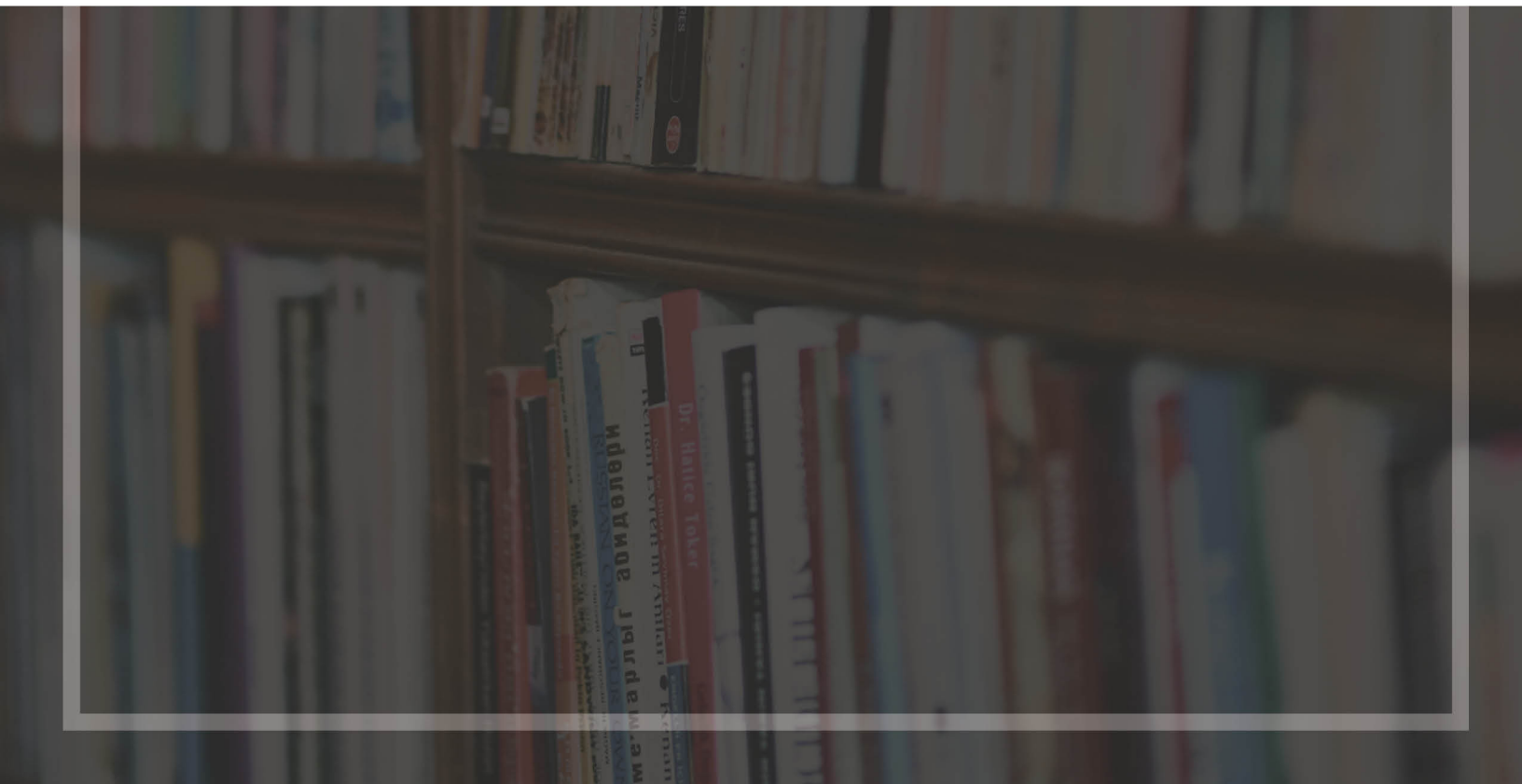




# 2022-23 CATALOG



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# General Information

## General Information

### Howard University: An Overview

In November 1866, shortly after the end of the Civil War, members of the First Congregational Society of Washington considered establishing a theological seminary for the education of African-American clergymen. Within a few weeks, the concept expanded to include a provision for establishing a University. Within two years, the University consisted of the colleges of Liberal Arts and Medicine. The new institution was named for General Oliver O. Howard, a Civil War hero who was both a founder of the University and, at the same time, commissioner of the Freedman's Bureau.

The University charter as enacted by Congress and subsequently approved by President Andrew Johnson on March 2, 1867, designated Howard University as "a University for the education of youth in the liberal arts and sciences." The Freedmen's Bureau provided most of the early financial support of the University. In 1879, Congress approved a special appropriation for the University. The charter was amended in 1928 to authorize an annual federal appropriation for construction, development, improvement and maintenance of the University.

Howard University as one of the nation's leading research universities is dedicated to educating students from diverse backgrounds at the undergraduate, graduate, and professional level, with a particular focus on African-American students, as well as those of all other racial and ethnic groups from the United States and around the world. The University received its first accreditation from the Middle States Association of Colleges and Schools in 1921 and has had its accreditation reaffirmed by the Association at every required interval thereafter.

Howard is a unique university with a special mission that addresses the higher education needs of the nation and the world. Since its founding, Howard has been open to men and women from all racial and ethnic groups. The University has awarded more than 100,000 degrees in the arts, sciences and humanities. Howard ranks among the highest producers of the nation's Black professionals in medicine, dentistry, pharmacy, engineering, nursing, architecture, religion, law, music, social work and education. The University has long held a commitment to the education and advancement of disadvantaged persons in American society and throughout the world. The goal is the elimination of inequities related to race, color, social, economic and political circumstances.

The University's academic programs are offered by 14 schools and colleges: the College of Arts and Sciences; the School of Business; the School of Communications; the College of Fine Arts; the College of Dentistry; the School of Divinity; the School of Education; the College of Engineering and Architecture; the School of Law; the College of Medicine, the College of Nursing and Allied Health Sciences; the College of Pharmacy; and the School of Social Work.

The University library system, typifying Howard's commitment to research, contains more than two million volumes and is a member of the Association of Research Libraries. Among the system's many resources are the state-of-the-art, Louis Stokes Health Science Library and the Law Library, both of which opened in 2001. In addition, the Moorland-Spangarn Research Center houses one of the world's largest and most comprehensive research collections dedicated to documenting the history and culture of people of African descent throughout the world.

The University has an array economic, and informational of media outlets that address the educational, social, needs of the academic and wider communities. Its radio station, WHUR-FM, and television station, WHUT-TV, a PBS affiliate, serve the Washington metropolitan area and beyond. Each provides training laboratories that assist in preparing students for professional broadcasting and other careers.

In addition to its collegiate programs, the University maintains an Early Learning Program and a Middle School of Science and Mathematics. The Early Learning Program offers pre-kindergarten through kindergarten programs and is accredited by the National Association for the Science and Mathematics is Education of Young Children. The Middle School of a District of Columbia Public Charter School providing curricula for grades 5 through 9.

The University's main campus is located in Washington, DC, within five miles of the United States Capitol and consists of more than 57 buildings on more than 89 acres of land. It also maintains a 22-acre West Campus in upper Northwest Washington, which houses the Law School. The 450 licensed-bed university hospital (Howard University Hospital) provides services for a significant segment of the Washington, DC metropolitan community, in addition to providing a clinical setting for training physicians, nurses, and other healthcare providers.

The University competes in 17 varsity sports, including basketball, football, bowling, lacrosse, soccer, softball, swimming, tennis, both indoor and outdoor track and volleyball. Howard has more than 10,000 students from virtually every state, the District of Columbia and more than 70 countries.

Today, Howard University is one of only 48 U.S. private, Doctoral/Research-Extensive universities. Its 10,500 students enjoy academic pursuits in more than 120 areas of study leading to undergraduate, graduate, and professional degrees. The University continues to attract the nation's top students and produces more on-campus AfricanAmerican Ph.D.s than any other university in the world. Since 1998, the University has produced two Rhodes Scholars, three Truman Scholars, three Marshall Scholars, six Fulbright Scholars and nine Pickering Fellows.

## Contact Information

Howard University  
2400 Sixth Street, NW  
Washington, D.C. 20059  
(202) 806-6100  
[www.howard.edu](http://www.howard.edu)

## Mission Statement

Howard University, a culturally diverse, comprehensive, research intensive and historically Black private university, provides an educational experience of exceptional quality at the undergraduate, graduate, and professional levels to students of high academic standing and potential, with particular emphasis upon educational opportunities for Black students. Moreover, the University is dedicated to attracting and sustaining a cadre of faculty who are, through their teaching, research and service, committed to the development of distinguished, historically aware, and compassionate graduates and to the discovery of solutions to human problems in the United States and throughout the world. With an abiding interest in both domestic and international affairs, the University is committed to continuing to produce leaders for America and the global community.

**Approved by the Board of Trustees, June 2009**

# Howard University Policy on Equal Opportunity

Howard University does not discriminate on the basis of race, color, national or ethnic origin, gender, marital status, religion, disability, age, sexual preference, political affiliation or any other basis prohibited by Federal or District of Columbia law. This policy covers administration of the University's educational policies, admission policies, scholarship and loan programs, other University administered programs, and employment.

Inquiries regarding provisions for handicapped persons, equal opportunity and Title IX should be addressed to the appropriate person listed below:

## ETHNIC ORIGIN DATA FOR COMPLIANCE REPORTING

Title VI of the Civil Rights Act of 1964, requires that no person in the United States shall, on the ground of race, color or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Education.

To determine whether an institution adheres to the above, the Office of Civil Rights Planning in the U.S. Department of Education requires that:

"Each recipient shall keep such records and submit to the responsible Department official or his designee timely, complete and accurate compliance reports at such times, and in such form and containing such information, as the responsible Department official or his designee may determine to be necessary to enable him to ascertain whether the recipient has complied or is complying with this part. In the case of any other recipient, such other recipient shall also submit such compliance reports to the primary recipient to carry out its obligations under this part." Title 45 Subtitle A — Department of Education Sec. 80.6 (b) (1972).

Consequently, Howard University must provide the US Department of Education with specific statistical student ethnic origin data. Each student, therefore, is asked to assist the University in complying with this requirement by providing this data when requested.

## Equal Opportunity Officer

2244 10th Street, NW, Suite 407  
Washington, DC 20001  
(202) 806-5770

## TITLE IX

Title IX of the Education Amendments of 1972 prohibits sex discrimination in education programs and activities by recipients of federal funds. The Title IX Coordinator for Howard University is Jessica White, who is located in the Office of the Provost, Administration Building, Suite 306, and can be reached at (202) 806-2550.

## Title IX Coordinator

Jessica R. White  
2400 6th Street, NW,  
Washington, DC 20059  
Title IX Website: <https://www2.howard.edu/title-ix/home>

## **SECTION 504 OF THE REHABILITATION ACT OF 1973**

Section 504 of the Rehabilitation Act of 1973 (P.L. 93-112, as amended P.L. 93-516) forbids discrimination against persons based on disability by recipients of federal funds. The Section 504 Coordinator, Dr. Paris Adon, is located at 2445 4th St NE Lower Level, Washington, DC 20059. Their telephone number is (202) 238-2420 and email address is [oss.disabilityservices@howard.edu](mailto:oss.disabilityservices@howard.edu).

### **Section 504 Coordinator**

Paris Adon  
Undergraduate Library (UGL)  
Washington, DC 20059  
(202) 238-2420

## **Correspondence Directory**

### **Mailing Address:**

Howard University  
Mordecai Wyatt Johnson  
(Administration) Building  
2400 Sixth Street, N.W.  
Washington, DC 20059

Main Phone Number  
(202) 806-6100

Email:  
[www.howard.edu](http://www.howard.edu)

### **Operators:**

Main Campus Operator  
(202) 806-6100

Hospital Operator  
(202) 865-6100

### **Emergency Numbers:**

Campus Police  
(202) 806-1100

Emergency Service  
(202) 806-1000

### **Student Emergencies:**

Student Counseling Service  
(202)-806-6870

Campus Ministries/Guidance & Support  
(20)2-806-7280

Campus Police  
(202)-806-1100



Office of General Counsel  
(202)-806-2650

Student Counseling Service  
(202)-806-6870

Office of Provost/CAO  
(202)-806-2550

Interpersonal Violence Prevention Program  
(202)-238-2382

HU Hospital Emergency Room  
(202)-865-1141

Student Health Center  
(202)-806-7540

Dental Clinic  
(202)-806-0008

Dean of Special Student Services  
(202)-238-2420

International Student Services  
(202)-806-7517

## **General Numbers:**

Accounts Payable  
(202) 806-2324

Admission  
(202) 806-2755 or (202) 806-2700

Alumni Affairs  
(202) 806-5857

Athletics  
(202) 806-7140

Blackburn Center  
(202) 806-5983

Bookstore  
(202) 238-2640

Cashier  
(202) 806-2630

Comptroller  
(202) 806-2300

Cramton Auditorium  
(202) 806-7198 or (202) 806-7199

Employment  
(202) 806-7714

Financial Aid  
(202) 806-2820

Founders Library  
(202) 806-7252

General Counsel  
(202) 806-2650

Human Resources  
(202) 806-1280

IT Help Desk  
(202) 806-2020

International Student Services  
(202) 806-7517

Parking & Shuttle Bus  
(202) 806-2000

Payroll  
(202) 806-1240

Physical Facilities Management  
(202) 806-1002

Post Office  
(202) 806-2009

President  
(202) 806-2500

Press  
(202) 238-2570

Provost & Chief Academic Officer  
(202) 806-2550

Records/Registrar  
(202) 806-2705

Research Administration  
(202) 806-5567

Residence Life  
(202) 806-6131

Student Accounts  
(202) 806-2610

Student Escort Service  
(Midnight-7:00 am daily)  
(202) 806-1100

Student Financial Services  
(202) 806-2570

Student Health Center  
(202) 806-7540

Telecommunications  
(202) 806-2955

University Advancement  
(202) 238-2340

## Campus Facilities and Space Utilization



Academic Support Bldg A (Education).....25	Chemical Engineering Building.....16	Wheatley Hall.....62W	Louis Stokes Health Sciences Library.....200
Academic Support Bldg B.....24	Chemistry Building.....15	Baldwin Hall.....62B	Lulu Childers Hall (Fine Arts).....28
Andrew Carnegie Hall.....12	College Hall North.....35	Truth Hall.....62T	Mary Bethune Annex.....6
Armour Rankin Memorial Chapel.....50	College Hall South.....87	Hospital Towers.....65	Mary Bethune Annex Dining Hall.....34
Armour Blackburn University Center.....57	Early Learning Center.....58	Howard Mackey Building (Architecture).....3	Medical Arts Building (Student Health).....19
Cancer Research Center.....19	Effingham Apartments.....92	Howard Manor Apartments.....96	Mental Health Center.....700
CB Powell Building (Communications).....13	Ernest Just Hall (Biology).....7	Howard Plaza Tower (West).....551	Middle School for Math & Science.....40
Charles Drew Hall.....21	Founders Library - MSRC.....29	Howard Plaza Towers (East).....550	Mordecai Johnson Admin. Building.....1
Chauncey Cooper Hall (Pharmacy).....51	Founders Library - UGL.....61	Howard University Bookstore.....5	Numa Adams Building (Medicine).....51
	Frederick Douglass Memorial Hall.....23	Howard University Hospital.....37	Oliver Howard Hall.....33
	Annex II (Nursing & Allied Health Sci.).....17	Howard University Service Center.....39	Ralph Bunche Center.....42
	Annex III (Graduate School).....31	ILab.....ILAB	Russell Dixon Building (Dentistry).....22
	George Cook Hall.....18	Inabel Lindsay Hall (Social Work).....53	School of Business.....10
	Harriett Tubman Quadrangle.....18	Interdisciplinary Research Building.....38	Seeley Mudd Building (Medicine).....45
	Crاندall Hall.....62C	Ira Aldridge Theatre.....43	Warehouse Building.....59
	Fraizer Hall.....62F	John Burr Gymnasium Building.....8	WHUR-Radio.....49
		Laser Chemistry Building.....4	WHUT-TV.....54
		Louis Cramton Auditorium.....4	Wilbur Thinkfield Hall (Physics).....55
		Louis Downing Hall (Engineering).....26	William Greene Memorial Stadium.....9
			Wonder Plaza (ETS).....2

\*\*Highlighted buildings reflect the new spaces on campus that will accommodate classes during the Spring 2018 semester.

## ACADEMIC PROGRAMS & FACILITIES

The university's 12 schools and colleges support 58 categories of degree offerings and a total of 171 majors (2010 Facts). over the past ten years, 51 academic programs have been accredited. one program has not been

reviewed, one program closed, and one program is seeking first-time accreditation. at the time of the Howard university self-study Report, 29 programs in eight schools/colleges were undergoing self-studies and external reviews for reaccreditation.

## **COLLEGE OF ARTS AND SCIENCES (COAS)**

### **College of Arts and Sciences**

Alain Locke Hall, Suite 101

Washington, D.C. 20059

Phone: 202-806-6700

The College of Arts and Sciences is Howard University's oldest and largest school, founded in 1867. COAS is divided into four divisions: fine arts, humanities, natural sciences, and social sciences. The honors program enrolls approximately 200 students by invitation only.

The Division of Fine Arts includes the Department of Art, Department of Music, and Department of Theatre Arts. The Department of Art is an accredited institutional member of the national association of schools of Art Design and offers the following degrees:

- Bachelor of Arts – BA (Art History, Art Management, Fashion Merchandising, Interior Design)
- Bachelor of Fine Arts – BFA (Painting, Design, Printmaking, Photography, Ceramics, Sculpture, Electronic Studio, Experimental Studio)
- Master of Arts – MA (Art History)
- Master of Fine Arts – MFA (Studio Arts)

The Department of Music offers the following programs of study:

- Bachelor of Music (Music with Electives in Business, Composition, Music History, Jazz studies, Performance, Music Therapy)
- Bachelor of Music Education
- Master of Music (Performance or Jazz Studies)
- Master of Music Education

The Department of Theatre arts offers a BFA in Theatre Arts, as well as minors in theatre arts, dance arts, and technical theater.

Howard university's Division of Humanities includes the Departments of Classics; English; World Languages and Cultures; and Philosophy.

The Department of Classics provides BA degrees in ancient Languages (Greek or Latin) and in Classical Civilization.

The Department of English offers BA degrees in English with a focus on critical reading, analytical thinking, focused research, and precise writing skills.

The Department of World Languages and Cultures offers BA degrees in French, German, Spanish, Russian and an undergraduate program leading to secondary teacher education certification in French and Spanish.

The Department of Philosophy offers a BA degree.

The Division of Natural Sciences includes the Departments of Biology; Chemistry; Physics, Comprehensive Sciences; Health, Human Performance and Leisure.

The Biology Department has the largest enrollment of undergraduate majors in COAS. While not a degree program, the Comprehensive Sciences program provides a series of basic science courses critical to the core general education curriculum requirements for students enrolled in university baccalaureate degree-granting programs. The Center for Pre-professional Education organizes and directs programs that strengthen the motivation and preparation of undergraduate and graduate students for success in the curricula for the health professions.

The Division of Social Sciences offers BA degrees in the Departments of African studies; Afro-American studies; Air Force ROTC; Army ROTC; Economics; History; Political Science; and Sociology and Anthropology.

COAS is accredited by the following agencies:

- American Alliance for Health, Physical Education, and Dance
- National Council for Accreditation of Teacher Education
- American Chemical society
- American Psychological Association
- Middle states Association of Colleges and Schools
- National Association for Sport and Physical Education
- National Association of Schools of Art and Design
- National Association of Schools of Music
- National Association of Schools of Theatre

The College of Arts and Sciences currently occupies space in nine buildings on the Central Campus. The aging buildings do not allow for flexibility and also constrain scheduling for various programs. Specific needs include additional lecture halls with updated A/V and acoustics, studio space for the Department of Fine arts, an observation room for psychology, improved laboratory space for the hard sciences, and improved technology for labs and classroom spaces. Additionally, the Math and Economics departments are housed in a building that was designed to be temporary and does not meet ADA requirements.

## SCHOOL OF BUSINESS

### **SCHOOL OF BUSINESS**

2600 6th St NW

Washington, D.C. 20059

Phone: 202-806-1500

The Howard University School of Business was founded in 1970 and has grown to prominence over the years. In 2006, its Master of Business Administration (MBA) programs were recognized by the Princeton Review as number one for "Greatest opportunities for minority students", and number five for "most Competitive students."

The School of Business offers the following undergraduate degrees, as well as MBA programs:

- Accounting
- Hospitality Management Program
- Finance International Business and insurance
- Information Systems and Decision Sciences
- Hospitality
- Marketing
- Management and Hospitality management
- Supply Chain management
- Executive Leadership Honors Program
- Twenty-First Century Advantage Program

The School of Business is accredited by the Association of Advanced Collegiate Schools of Business International.

Existing space in classroom space was determined to be largely adequate for the School of Business; however, there is need for additional space to accommodate additional space needs such as seminar rooms and informal gathering space. All space used by the School of Business needs additional technology and security to protect investments.

## **THE CATHY HUGHES SCHOOL OF COMMUNICATIONS**

### **CATHY HUGHES SCHOOL OF COMMUNICATIONS**

300 Bryant St NW  
Washington, D.C. 20059  
Phone: (202) 806-7694

The School of Communications (SOC) offers four departments: Radio, Television and Film; Journalism; Communication and Culture; and Communication Sciences and Disorders.

SOC offers an MFA in Film program; traditional scholarly programs are housed within the Graduate School. SOC is accredited by the accrediting Council on Education in Journalism and Mass Communications and the American Speech, Language and Hearing Association.

The current location in the C.B. Powell Building (formerly Freedman's Hospital) is undesirable due to the physical facility conditions, as well as the building layout. The many wings of the facility result in compartmentalization of the school, thereby limiting collaboration. Three Centers of Excellence are not physically located with the school, which is undesirable.

SOC has worked extensively to plan a new facility, which would include state-of-the art technology, additional production studios and screening rooms, an auditorium, and opportunities for partnership with external groups.

## **COLLEGE OF DENTISTRY**

### **COLLEGE OF DENTISTRY**

600 W Street NW  
Washington, D.C. 20059  
Phone: (202) 806-6100

Established in 1881, the College of Dentistry is the fifth oldest dental school in the United States. The College includes the following departments:

- Clinical Dentistry
- Restorative Services
- Preventive Services
- Diagnostic Services Endontics
- Oral and Maxillofacial Surgery
- Pediatric Dentistry
- Orthodontics

Degrees offered include the Doctorate of Dental Science (DDS) as well as postdoctoral programs in oral and maxillofacial surgery, orthodontics, pediatric density, advanced education in general dentistry, and general practice residency.

The College of Dentistry is accredited by the Commission on Dental Accreditation of the American Dental Association.

The College of Dentistry noted the need for increased technology in teaching spaces and the old medical library facility. Some research space is provided in the building.

## **SCHOOL OF DIVINITY**

### **SCHOOL OF DIVINITY - HOLY CROSS HALL**

2900 Van Ness St. NW  
Washington, DC 20008  
Phone: (202) 806-0500

Howard University School of Divinity (HUSD) is one of the oldest fully accredited (1940) theological schools affiliated with the Association of Theological Schools in the United States and Canada. And, as one of the 14 schools and colleges within Howard, it is the only African-American theological school connected to a comprehensive category I research institution.

## **SCHOOL OF EDUCATION (HUSOE)**

### **SCHOOL OF EDUCATION**

2441 4th Street, NW  
Washington, D.C. 20059  
Phone: (202) 806-7340

Howard university school of Education (HUSOE) offers degree and certification programs through its three departments: Curriculum and Instruction; Educational Administration and Policy; and Human Development and Psychoeducational Studies.

HUSOE offers four doctoral, 20 masters, and seven certificates of advanced studies programs, and one undergraduate degree: BS in Human Development with certification in early childhood education.

The mission of Howard University's school of Education is to prepare teachers, administrators, researchers, program evaluators, and human development professionals for leadership in urban and diverse educational settings; significantly influence the national education agenda for African-American children; conduct and disseminate research that supports the belief that all students can learn; and provide a research-based blueprint for developing professionals who are capable of creating environments that evoke the abilities and talents of all students.

The School of Education is accredited by National Council for the Accreditation of Teacher Education and the National Association of State Directors of Teachers Education and Certification. The PhD program in counseling psychology is accredited by the American Psychological Association.

The majority of the spaces used by the school of Education are currently housed in a "temporary" building that is past its useful life. (Academic Support Building B)

Recent renovation of Miner Hall has provided five classrooms that meet the needs of the School of Education; renovation of the remainder of the building would allow the School of Education to move out of academic support Building B and into space that is more appropriately designed for the school.

HUSOE requires new space for research and teaching assistants, a curriculum library, observation rooms, and additional faculty offices. All School of Education space should be located in a single facility.

## COLLEGE OF ENGINEERING, ARCHITECTURE, AND COMPUTER SCIENCES (CEACS)

### COLLEGE OF ENGINEERING AND ARCHITECTURE

2300 Sixth Street, NW  
Washington, D.C. 20059  
Phone: (202) 806-6565

The College of Engineering, Architecture and Computer Sciences is home to the Departments of Architecture; Chemical Engineering; Civil Engineering; Electrical and Computer Engineering; Mechanical Engineering; and Systems and Computer science. The vision of CEACS is to become a recognized leader in research and the creation of learning environments conducive to the solution of problems which transcend the boundaries of discipline and profession.

The Howard University Science, Engineering, and Mathematics program (HUSEM) is a multidisciplinary program involving nine departments in CEACS and the College of Arts and Sciences. The goal of the HUSEM program is to promote academic achievement as well as increase the numbers of underrepresented minorities who receive baccalaureate and graduate degrees in STEM disciplines.

Ideally all departments and colleges in the HUSEM program should be co-located in a facility conducive to cutting-edge research and collaboration.

CEACS is accredited by the following agencies:

- Accreditation Board for Engineering and Technology, Inc.
- Computer Science Accreditation Board
- National Architectural Accrediting Board, Inc.

The College of Engineering, Architecture, and Computer Science space needs are related to Howard university's increased emphasis on science, technology, engineering, and mathematics (STEM) disciplines.

CEACS requires flexible classrooms with updated technology, as well as large studio spaces for the architecture program.

CEACS is housed in three buildings on the west side of the Campus: Chemical Engineering, Downing Hall and the Howard Mackey Building. These three buildings face onto both Georgia avenue and 6th street.

## CHADWICK A. BOSEMAN COLLEGE OF FINE ARTS

### Chadwick A. Boseman College of Fine Arts

Childers Hall, Suite 1004, 2455 Sixth Street, NW  
Washington, DC 20059  
Phone: (202) 806-7040

The Chadwick A. Boseman College of Fine Arts includes the Department of Art, Department of Music, and Department of Theatre Arts. The Department of Art is an accredited institutional member of the national association of schools of Art Design and offers the following degrees:

- Bachelor of Arts – BA (Art History, Art Management, Fashion Merchandising, Interior Design)
- Bachelor of Fine Arts – BFA (Painting, Design, Printmaking, Photography, Ceramics, Sculpture, Electronic Studio, Experimental Studio)
- Master of Arts – MA (Art History)
- Master of Fine Arts – MFA (Studio Arts)



The Department of Music offers the following programs of study:

- Bachelor of Music (Music with Electives in Business, Composition, Music History, Jazz studies, Performance, Music Therapy)
- Bachelor of Music Education
- Master of Music (Performance or Jazz Studies)
- Master of Music Education

The Department of Theatre arts offers a BFA in Theatre Arts, as well as minors in theatre arts, dance arts, and technical theater.

The College of Fine Arts is accredited by the following agencies:

- National Association of Schools of Art and Design
- National Association of Schools of Music
- National Association of Schools of Theatre

## GRADUATE SCHOOL

### **Graduate School**

4th and College Streets, NW.  
Washington, D.C. 20059  
Phone: (202) 806-4676

The Graduate school offers extensive programs in a number of fields, with 18 master's degrees (63 major fields of study), three PhD degrees (29 major fields of study), and as well as the five first professional degree programs.

### **Graduate programs:**

- African Studies – MA, PhD
- anatomy – MS, PhD, MD/PhD
- art History – MA
- atmospheric sciences – MS, PhD
- Biochemistry – MS, PhD, MD/PhD
- Biology – MS, PhD, MD/PhD
- Chemical Engineering – MS
- Chemistry – MS, PhD, MD/PhD
- Civil Engineering – MS
- Communication, Culture & Media Studies – PhD
- Communication sciences and Disorders – MS
- Education – MA, MS, PhD
- Economics – MA, PhD
- Electrical Engineering – MEng, PhD
- English – MA, PhD
- Genetics – MS, PhD, MD/PhD
- Health, Human Performance and Leisure Studies – MS
- History – MA, PhD
- Mass Communication and Media Studies – MA, PhD
- Materials Science and Engineering – PhD
- Mathematics – MS, PhD
- Mechanical Engineering – MEng, PhD
- Nutritional Science – MS, PhD

- Pharmacology – MS, PhD, MD/PhD
- Pharmaceutical Sciences – MS, PhD
- Philosophy – MA
- Physics – MS, PhD
- Physiology - PhD, MD/PhD
- Political Science – MA, MAPA, PhD
- Psychology – MS, PhD
- Social Work – MSW, PhD
- Sociology – MA, PhD
- Computer Science – MSCS

### Certificate programs:

- College and University Faculty Preparation
- Computer Security
- International Studies
- Women’s Studies

The Graduate school is accredited by the Middle States Association of Colleges and schools.

The Graduate school is located in Annex III. Ideally, the Graduate School would have strong adjacency to the College of Arts and Sciences and the College of Engineering, Architecture, and Computer Science, as well as Howard University’s professional schools.

## SCHOOL OF LAW

### SCHOOL OF LAW

2900 Van Ness Street, NW  
 Washington, DC 20008  
 (202) 806-8000

The law school is located on its own 22-acre campus in the northwest part of the city approximately five miles from the main campus. Houston Hall, named for the famous civil rights lawyer and strategist Charles Hamilton Houston, is the main academic and administrative building. Notre Dame Hall houses the Career Services Office, the Clinical Law Center, and the offices for major student organizations, including the Howard Law Journal, the national and international moot court teams, the Student Bar Association, and a student newspaper titled The New Barrister. Holy Cross Hall houses the Office of Admissions, Office of Recording, Office of Financial Aid, several seminar rooms and smaller classrooms, and the law school’s bookstore.

## COLLEGE OF MEDICINE (HUCM)

### College of Medicine

520 W St., NW.  
 Washington, D.C. 20059

Phone (202) 806-5677

The College of Medicine was founded in 1868 and has a long history of providing excellent research and training programs, preparing students to deliver patient care in communities that have a shortage of physicians and public health professionals.

HUCM is part of the Howard university Health sciences Center, which includes the Howard university Hospital (HUH); the College of Dentistry; the College of Pharmacy, Nursing and Allied Health Sciences; the Louis Stokes

Health Sciences Library; and the Student Health Center. HUCM offers an MD degree, as well as a Master of Public Health. additionally, HUCM students may earn dual degrees with the Graduate school (MD/PhD) and the College of Arts & Sciences (BS/MD).

The College includes the following departments:

- Basic Sciences
- Anatomy
- Biochemistry and Molecular Biology
- Microbiology
- Pathology
- Pharmacology
- Physiology and Biophysics
- Research Centers and Institutes
- Cancer Center
- Center for Infectious Diseases Management and Research
- Center for Sickle Cell Disease
- Collaborative Alcohol Research Center
- General Clinical Research Center
- Laboratory of Evolutionary Biology
- National Human Genome Center
- National Minority AIDS Education Training Center
- Research Centers in Minority Institutions
- Specialized Neuroscience Research Program
- Women's Health Institute
- Clinical Science
- Anesthesiology
- Cardiology
- Community and Family Medicine
- Dermatology
- Emergency Medicine
- Medicine, Internal
- Neurology
- Neurosurgery
- Obstetrics and Gynecology
- Ophthalmology
- Orthopedic Surgery
- Pathology
- Pediatrics and Child Health
- Physical Medicine and Rehabilitation
- Psychiatry and Behavioral Sciences
- Radiation Oncology
- Radiology/Imaging Services
- Surgery

The College of Medicine is accredited by the Liaison Committee on Medical Education Representing the American Medical Association and the Association of American Medical Colleges.

The key issue impacting HUCM is the condition of the existing facilities. The three buildings - Cancer Center, Numa Adams Building and Seeley G. Mudd- are all over 50 years old and do not include appropriate space for modern teaching and learning techniques. Specific problems cited include need for small group meeting

spaces, improvements to lecture hall technology, need for state of the art laboratory spaces, and additional office space to accommodate growth. Additionally, the existing building configuration does not encourage collaboration between scientists.

## **COLLEGE OF PHARMACY, NURSING, AND ALLIED HEALTH SCIENCES (CPNAHS)**

### **COLLEGE OF PHARMACY**

2300 4th Street NW  
Washington, D.C. 20059  
Phone: (202) 806-6530

### **College of Nursing and Allied Health Sciences**

801 N. Capitol St. NE  
Washington, D.C. 20002  
Phone: (202)381-8808

The College is divided into the School of Pharmacy, the Division of Nursing, and the Division of Allied Health Sciences.

The School of Pharmacy offers the Doctor of Pharmacy degree; a distance-learning based, non-traditional Doctor of Pharmacy degree program; and MS and PhD degrees in pharmaceutical sciences (pharmaceutics, medicinal chemistry and pharmacy administration) in conjunction with the Graduate School.

The Division of Nursing offers baccalaureate and master's degrees in nursing, and a post-master's certificate in nursing (family nurse practitioner).

The Division of Allied Health Sciences offers baccalaureate degrees in clinical laboratory science, nutritional sciences, radiation therapy and health management and certificate in primary care physician assistant; master's degrees in occupational therapy and physical therapy; and the master's and doctoral degrees in nutritional sciences in conjunction with the Graduate School.

The College of Pharmacy, Nursing, and Allied Health Sciences is accredited by the following agencies:

- Accreditation Council for Occupational Therapy Education
- Accreditation Council for Pharmacy Education
- Accreditation Review Commission on Education for the Physician assistant, Inc.
- American Occupational Therapy Association, Inc.
- Association of University Programs in Health Administration Commission on Accreditation for Dietetics Education
- Commission on Accreditation in Physical Therapy Education
- Joint Review Committee on Education in Radiologic Technology
- National Accrediting Agency for Clinical Laboratory Sciences
- Commission on Collegiate Nursing Education

The College of Pharmacy, Nursing, and Allied Health Sciences is located in three separate facilities across Central Campus. The three facilities are Annex I, Annex II and Chauncey Cooper. Annex II was intended to be a temporary facility. These facilities are largely in need of significant upgrades to address deferred maintenance issues. Ideally, all departments within the College would be co-located in a single facility with state-of-the-art laboratory spaces. The existing space occupied by the Department of Physical Therapy was noted to have been recently renovated and meeting the departments' needs.

## SCHOOL OF SOCIAL WORK (SSW)

### SCHOOL OF SOCIAL WORK

601 Howard Place, NW  
Washington, D.C. 20059  
Phone: Main: 202-806-7300

The goals and objectives of the school of social Work emphasize preparation of advanced level Master of Social Work (MSW) professionals to practice at the local, national and international levels for the solution of human problems and to become leaders in their communities. SSW doctoral graduates are prepared for the professoriate, research and leadership. The School of Social Work is accredited by the Council on Social Work Education.

The SSW's facility needs updated technology, a more defined main entrance, and additional storage space. The existing facility is inadequate in size and configuration for SSW to increase its research capability in the future.

## HOWARD UNIVERSITY HOSPITAL (HUH)

Located immediately south of Howard university's academic facilities, the Howard University Hospital (HUH) is a Level One Trauma Center. Its origins in the historic Freedmen's Hospital (now the C.B. Powell Building). HUH has become one of the most comprehensive health care facilities in the Washington, D.C. metropolitan area. In April 2007, HUH ranked number one among selected area hospitals on 19 quality measures published by the U.S. Department of Health and Human Services. HUH is the nation's only teaching hospital located on the Campus of an HBCU.

HUH operations are integrated with the academics of the university, particularly those of the schools and colleges focused on health sciences. The hospital offers students a superior learning environment and opportunities to observe or participate in ground-breaking clinical and research work approximately 300-350 beds for targeted patient types, such as hypertension, certain types of cancer, organ transplantation (kidneys), orthopedic surgery, and podiatry are provided.

HUH operations are integrated with the academics of the university, particularly those of the schools and colleges focused on health sciences. The hospital offers students a superior learning environment and opportunities to observe or participate in ground-breaking clinical and research work with professionals who are changing the face of health care.

Howard university Hospital facilities include:

- Main Hospital Building
- Tower Building
- Cancer Center (shared with the university)
- Medical Arts Building (shared with the university)
- Mental Health Clinic
- Two parking structures along Fifth Street NW, which are operated by a separate management company

This campus' master plan did not include a full analysis of the hospital's programmatic needs. This must take place within the context of a separate specialized master plan for the hospital. The Health Science Enterprise is conducting a strategic planning exercise that will form the basis for such a plan.

During the course of interviews, some of the suggestions noted for HUH included the following:

- Approximately 300-350 beds for targeted patient types, such as hypertension, certain types of cancer, organ transplantation (kidneys), orthopedic surgery, and podiatry with a training program.
- Comprehensive approach to deferred maintenance liabilities.

## LIBRARIES

The Howard University library system is comprised of a number of general and specialty libraries across the three campuses. The central library complex is located at the south end of the yard and includes Founders Library and the attached Undergraduate Library. Branch libraries include the Architecture Library (Howard Mackey Building), the Business Library (Classroom Building Four/School of Business), and the Social Work Library (Inabel Burns Lindsay Hall). The Louis Stokes Health Sciences Library is located at the southern end of Central Campus and serves the Health Sciences Complex.

A small library is located at the School of Divinity's East Campus location, and the Law Library is located on the West Campus.

The university is considering closing the Social Work Library and the Architecture Library because these facilities are too small to be sustainable, have duplicate materials, and are costly to operate. Collections would be moved to the Central Library Campus (Founders/Undergraduate Library).

Special collections space includes:

- Moorland-Spingarn Research Center – The Moorland-Spingarn Research Center is one of the world's largest and most comprehensive repositories for the documentation of the history and culture of people of African descent in Africa, the Americas, and other parts of the world. This center is located within Founders Library.
- Channing Pollock Theatre Collection – The Channing Pollock Collection contains the playwright's published works, manuscripts, and personal correspondence with celebrities of his day; as well as clippings, photographs, programs, broadsides, and sheet music representing different phases of the theatrical and entertainment world. This collection is located in Founders Library.
- Afro-American Studies Resource Center – The Center houses one of the premier collections of literary and social science publications on the black experience in America. This collection is located in Founders Library.
- Ralph J. Bunche International Affairs Center Reading Room – This is a collection of about 1,000 books and current periodicals on various subjects in international affairs, including foreign policy, international law, diplomacy, politics, international trade, conflict resolution, economic development, strategic studies, military affairs, and international organizations. This collection is located at the Bunche Center.

Founders Library was opened in 1938 (designed by Albert Irvin Cassell) and is home to the following uses:

- Browsing Room
- Moorland-Spingarn Research Center
- Afro-American Resource Center
- Digital Learning Classroom
- Channing Pollock Theater Collection
- Howard University Museum
- Reference Room
- Interlibrary Loan Services
- Stacks

The Undergraduate Library was opened in 1983 and is contiguous with Founders Library. This building houses study space, as well as stacks/collections storage.

The Howard University Library system has more than 2.5 million volumes; 16,600 current journal subscriptions; 4.2 million microform pieces; 18,000 manuscripts; and thousands of audio-visual items.

With the exception of the collections listed on the previous page, the university's libraries do not house any special collections and do not have special temperature and humidity requirements. The most valuable collections are stored off-site in remote storage.

The university is a member of the Association of Research Libraries and the Chesapeake Information and Research Library Alliance (CIRLA). CIRLA offers faculty and graduate students direct reciprocal borrowing privileges at member libraries, which include George Washington, Georgetown, University of Maryland, Johns Hopkins, and the University of Delaware.

## **SPIRITUAL LIFE**

The Andrew Rankin Memorial Chapel serves as a center for cultural and religious activities of the university and is dedicated to fulfilling the spiritual and religious needs of the students, faculty and administration. Besides traditional Sunday services which are broadcast on WHUR, the Chapel also hosts on-Campus events and serves as a quasi-student affairs group (i.e., hosting alternative spring break to New Orleans).

Built during the presidency of Jeremiah Rankin (1890- 1903), Andrew Rankin memorial Chapel was constructed in 1894-95 and was dedicated in 1896. Designated as a National Historic Landmark, Rankin Chapel has been served by four deans. Additionally, chaplains from a variety of denominations and ministries, the Friends of Chapel, the Chapel Assistants, the Chapel Ushers, and the Chapel Choir all support the ministry of Rankin Chapel. The Chapel Choir, which is noted for its excellence and inspiring music, is composed of members of the various university choirs, the alumni, and individuals from the wider community.

Andrew Rankin memorial Chapel is 90 feet long and 50 feet wide, not including the tower. The Chapel has two floors: the first story was once used as the Howard university art Gallery and was remodeled in 1948 into a religious activities Center; the auditorium, on the upper floor, is the sanctuary.

The Chapel holds about 500-600 people, but chapel services are nearly triple that at times, and nearly always double. These services are currently held in Cramton Auditorium. additional Dean of the Chapel space (offices/ administration) is located next to the Chapel in the Carnegie Building. Other events held in the chapel include weddings, funerals, and some revenue-generating functions. There are also regular programs by both the Dean of the Chapel's office and student organizations.

The Rankin Chapel is identified as a national chapel, but it does not have the space required to serve this function.

## **University Administration 23-24**

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*Trustee Emeritus*

Updated September 13, 2022

## Undergraduate Faculty 23-24

### College of Arts & Sciences

Manahil	Abdalhameed	Ph.D.	Lecturer
Loay	Abdulrahman	Ph.D.	Lecturer
Shawn	Abernathy	Ph.D.	Associate Professor
Kolapo	Abimbola	Ph.D.	Associate Professor
Ofosuwa	Abiola	Ph.D.	Associate Professor
Vanessa	Abrams	Ph.D.	Adjunct Lecturer
Terri	Adams-Fuller	Ph.D.	Professor
Adeniran	Adeboye	Ph.D.	Master Instructor
Clement	Akassi	Ph.D.	Associate Professor
Monique	Akassi	Ph.D.	Lecturer
Marjan	Alaghmand	Ph.D.	Lecturer
Marcus	Alfred	Ph.D.	Associate Professor
Maryan	Ali	M.Ed.	Adjunct Lecturer
Virginie	Aline	MA	Lecturer
Anna	Allen	Ph.D.	Associate Professor
Rachelle	Allen-McFarlane	Ph.D.	Lecturer
Amirhossein	Amini Behbahani	Ph.D.	Assistant Professor
Lila	Ammons	Ph.D.	Associate Professor
Ana Lucia	Araujo	Ph.D.	Professor
Patricia	Ashton	MA/MS	Adjunct Lecturer
Joseph	Asike	Ph.D.	Professor
Joseph	Augustine	Ph.D.	Assistant Professor
Gabriel	Ayine	Ph.D.	Adjunct Lecturer
Oritsegbubenmi	Ayu	Ph.D.	Lecturer
George	Azobi	Ph.D.	Lecturer
Deniz	Baglan	Ph.D.	Associate Professor
Oladapo	Bakare	Ph.D.	Professor
Luther	Barden	Ph.D.	Professor
Antoinette	Barksdale	J.D.	Adjunct Lecturer
Mario	Beatty	Ph.D.	Associate Professor
Sandy	Bellamy	J.D.	Adjunct Lecturer
Faina	Berezovskaya	Ph.D.	Professor
Linda	Berg-Cross	Ph.D.	Professor
Erin	Bevel	J.D.	Adjunct Lecturer
Paul	Bezandry	Ph.D.	Professor
Laurie	Blackman	Ph.D.	Adjunct Lecturer
Emily	Blank	Ph.D.	Associate Professor
Sara	Boissonneau	Ph.D.	Lecturer
Algris	Bolton	MA	Adjunct Lecturer
Vernon	Bond	Ed.D.	Professor
Thomas	Bonier	B.A.	Adjunct Lecturer
Khalid	Boushaba	Ph.D.	Lecturer
Alfred	Boykin	Ph.D.	Professor
Rebecca	Boylan	Ph.D.	Lecturer
James	Bridgers	Ph.D.	Adjunct Lecturer
Ned	Britt	Ed.D.	Lecturer

Brielle	Brookins	Ph.D.	Adjunct Lecturer
Luke	Brown	M.A.	Lecturer
Byron	Brown	MA	Lecturer
Khalila	Brown	Ph.D.	Master Instructor
Kent	Bryant	Ph.D.	Lecturer
Flordeliz	Bugarin	Ph.D.	Associate Professor
Janelle	Burke	Ph.D.	Associate Professor
Yvonne	Burnley	JD	Adjunct Lecturer
Alexander	Burstein	Ph.D.	Associate Professor
Raymond	Butcher	Ph.D.	Professor
Mohamed	Camara	Ph.D.	Professor
Alfonso	Campbell	Ph.D.	Professor
Michael	Campbell	Ph.D.	Assistant Professor
Greg	Carr	Ph.D.	Associate Professor
Niambi	Carter	Ph.D.	Associate Professor
Jacoby	Carter	Ph.D.	Associate Professor
Adrienne	Carthon	Ph.D.	Lecturer
Daniel	Casimir	Ph.D.	Lecturer
Mbye	Cham	Ph.D.	Professor
Yu-Ting	Chen	MA	Lecturer
Senhuei	Chen	Ph.D.	Associate Professor
Cyrus	Chestnut	BA	Master Instructor
Barbra	Chin	Ph.D.	Lecturer
Sugata	Chowdhury	Ph.D.	Lecturer
Marc	Christophe	Ph.D.	Adjunct Lecturer
Bruce	Clark	MS	Lecturer
Msia	Clark	Ph.D.	Associate Professor
Elizabeth	Clark-Lewis	Ph.D.	Professor
Alois	Clemons	MA	Lecturer
Seanta	Cleveland	MSAT	Adjunct Lecturer
Joel	Coley	Ph.D.	Assistant Professor
Kimberly	Collins	M.A.	Lecturer
Kathryn	Coney	MA	Lecturer
Charles	Conyers	Ph.D.	Adjunct Lecturer
Aisha	Cort	Ph.D.	Lecturer
John	Cotman	Ph.D.	Associate Professor
Donta	Council	Ph.D.	Adjunct Lecturer
Steven	Cummings	Ph.D.	Assistant Professor
Gerald	Daniels	Ph.D.	Associate Professor
Dennis	Davenport	Ph.D.	Associate Professor
Wilfred	David	Ph.D.	Professor
James	Davis	Ph.D.	Professor
Josephine Jarpa	Dawuni	Ph.D.	Associate Professor
Helen	De Clercq	Ph.D.	Associate Professor
Roberto	De Leo	Ph.D.	Associate Professor
Yasmin	Degout	Ph.D.	Associate Professor
Marina	del Sol	Ph.D.	Master Instructor
Agnes	Denalane	Ph.D.	Master Instructor
Derayeh	Derakhshesh	Ph.D.	Professor
Pratibha	Dev	Ph.D.	Associate Professor
Khady	Diene	Ph.D.	Lecturer
Angela	Dixon	Ph.D.	Professor
David	Dixon	Ph.D.	Associate Professor
Dominique	Douglas	MScA	Lecturer
Moussa	Doumbia	Ph.D.	Lecturer
Michelle	Dovil	Ph.D.	Visiting Assistant Professor
Uvetta	Dozier	Ph.D.	Lecturer

Melissa	Duchene-Kelly	Ph.D.	Adjunct Lecturer
Atanu	Duttaroy	Ph.D.	Professor
Oline	Eaton	Ph.D.	Lecturer
Jasmine	Edwards	MA	Adjunct Lecturer
Stanley	Einstein-Matthews	Ph.D.	Professor
Broderick	Eribo	Ph.D.	Associate Professor
Fnu	Eric Ngang Chen	Ph.D.	Lecturer
Gwendolyn	Everett	Ph.D.	Associate Professor
Leo	Eyombo	Ph.D.	Lecturer
Stacy	Farina	Ph.D.	Assistant Professor
Michael	Fauntroy	Ph.D.	Associate Professor
Michael	Fitzhugh	MA	Adjunct Lecturer
Orrieann	Florius	MA	Lecturer
Darrell	Fogan	MS	Adjunct Lecturer
Curdella	Forbes	Ph.D.	Professor
Joseph	Fortunak	Ph.D.	Professor
Izolda	Fotiyeva	Ph.D.	Lecturer
Matthew	Franke	Ph.D.	Master Instructor
Jack	Frankel	Ph.D.	Professor
Ben	Fred-Mensah	Ph.D.	Associate Professor
Douglas	Fuller	Ph.D.	Adjunct Lecturer
Edilberto	Galvan	ME	Adjunct Lecturer
Brien	Garnand	Ph.D.	Assistant Professor
Silvina	Gatica	Ph.D.	Professor
Lucy	Gause	Ph.D.	Adjunct Lecturer
Tafessework	Gebeyehu	MA	Adjunct Instructor
Solomon	Gebru	Ph.D.	Adjunct Lecturer
Jazmin	George	M.A.	Lecturer
Angela	Geosits	Ph.D.	Lecturer
Angela	Glymph	Ph.D.	Adjunct Lecturer
Anaxidalia	Gonzalez Nunez	MA	Lecturer
Patrick	Goodin	Ph.D.	Associate Professor
Sherelle	Gordon	MBA	Lecturer
Keneshia	Grant	Ph.D.	Associate Professor
Gabrielle	Gray	Ph.D.	Adjunct Lecturer
David	Green	Ph.D.	Associate Professor
Rodney	Green	Ph.D.	Adjunct Lecturer
Barbara	Griffin	Ph.D.	Professor
Jevay	Grooms	Ph.D.	Assistant Professor
Samaresh	Guchhait	Ph.D.	Assistant Professor
Yilma	Gultneh	Ph.D.	Professor
Christopher	Gunderson	Ph.D.	Associate Professor
Katharine	Gurski	Ph.D.	Professor
Miriam	Gyimah	Ph.D.	Lecturer
Alem	Hailu	Ph.D.	Associate Professor
Cyrus	Hampton	MA	Master Instructor
John	Harkless	Ph.D.	Associate Professor
Caroline	Harper	Ph.D.	Adjunct Lecturer
Jules	Harrell	Ph.D.	Professor
John	Harris	MA	Lecturer
Daryl	Harris	Ph.D.	Associate Professor
Dinari	Harris	Ph.D.	Assistant Professor
Melanee	Harvey	Ph.D.	Assistant Professor
Alexander	Henke	Ph.D.	Assistant Professor
Carolivia	Herron	Ph.D.	Adjunct Lecturer
Stephen	Hickson	MA	Lecturer
Hope	Hill	Ph.D.	Associate Professor

Ronil	Hira	Ph.D.	Associate Professor
Brandon	Hogan	Ph.D.	Associate Professor
Robert	Hollander	Ph.D.	Professor
William	Hollinsed	Ph.D.	Lecturer
Gregory	Hopkins	Ph.D.	Adjunct Lecturer
Junior	Hopwood	Ph.D.	Adjunct Lecturer
Charles	Hosten	Ph.D.	Professor
Anton	House	Ph.D.	Adjunct Lecturer
Lin-chi	Hsu	Ph.D.	Assistant Professor
Tristan	Hubsch	Ph.D.	Professor
Cyril	Hunte	Ph.D.	Professor
Charles	Ichoku	Ph.D.	Professor
JohnPatrick	Ifedi	Ph.D.	Master Instructor
Johnson	Ige	Ph.D.	Lecturer
Fred	Irby	Ph.D.	Professor
Fatimah	Jackson	Ph.D.	Professor
Eliseo	Jacob	Ph.D.	Master Instructor
Alexander	Jacobsen	BA	Adjunct Lecturer
David	James	Ph.D.	Associate Professor
Krystal	Jenkins	MA	Lecturer
Nicole	Jenkins	Ph.D.	Adjunct Lecturer
Marie-Claude	Jipguep	Ph.D.	Associate Professor
Sarai	Johnson	MA	Lecturer
Deborah	Johnson	MS	Master Instructor
Krista	Johnson	Ph.D.	Associate Professor
Evelyn Alexandra Araba	Johnston-Arthur	Ph.D.	Lecturer
Clinton	Jones	J.D.	Adjunct Lecturer
Delores	Jones-Brown	Ph.D.	Visiting Professor
Veronica	Joyner	MA	Lecturer
Sais	Kamalidiin	Ph.D.	Associate Professor
Nkonko	Kamwangamalu	Ph.D.	Professor
Ezer	Kang	Ph.D.	Associate Professor
Yeona	Kang	Ph.D.	Assistant Professor
Mika	Kato	Ph.D.	Associate Professor
James	Keil	Ph.D.	Associate Professor
Jeffrey	Kerr-Ritchie	Ph.D.	Professor
Petronella	Kigochi	Ph.D.	Associate Professor
Cheryl	Kiken	MA	Lecturer
Sue	Kim	MA	Adjunct Lecturer
Woojae	Kim	Ph.D.	Assistant Professor
Sung	Kim	Ph.D.	Assistant Professor
Eleanor	King	Ph.D.	Professor
Dimiter	Kirilov	Ph.D.	Lecturer
Kelly	Knickmeier Cummings	Ph.D.	Adjunct Lecturer
Assane	Konte	BA	Adjunct Lecturer
Emily	Kugler	Ph.D.	Assistant Professor
Haydar	Kurban	Ph.D.	Professor
Corey	Lamont	Ph.D.	Master Instructor
Clarence	Lee	Ph.D.	Professor
Molly	Levine	Ph.D.	Professor
Kay	Lewis	Ph.D.	Associate Professor
Ometha	Lewis-Jack	Ph.D.	Adjunct Lecturer
James	Lindesay	Ph.D.	Professor
Michael	Lipscomb	Ph.D.	Associate Professor
Esther	Lisanza	Ph.D.	Visiting Assistant Professor
Litonya	Livingston	MS	Adjunct Lecturer
Ivor	Livingston	Ph.D.	Professor

Aaron	Livingston	Ph.D.	Adjunct Lecturer
Aicha	Lompo	Ph.D.	Adjunct Lecturer
Lancelot	Loncke	Ph.D.	Adjunct Lecturer
Deneen	Long	Ph.D.	Adjunct Lecturer
Walter	Lowe	Ph.D.	Professor
Brunilda	Lugo De Fabritz	Ph.D.	Master Instructor
Clarence	Lusane	Ph.D.	Professor
Ayanna	Lynch	Ph.D.	Adjunct Lecturer
Jean-Michael	Mabeko-Tali	Ph.D.	Professor
Kyr	Mack	MA	Lecturer
Mohammad	Mahmood	Ph.D.	Professor
Crepin	Mahop	Ph.D.	Master Instructor
Sidi	Maiga	Ph.D.	Lecturer
Monique	Major	Ph.D.	Lecturer
Amir	Maleki	Ph.D.	Associate Professor
GiShawn	Mance	Ph.D.	Assistant Professor
Ronnie	Manuel	Ph.D.	Professor
Jason	Matthews	Ph.D.	Associate Professor
Henok	Mawi	Ph.D.	Assistant Professor
Wendy	McBurney	Ph.D.	Lecturer
Jo Von	McCalester	Ph.D.	Lecturer
Donna	McCormick	MPA	Adjunct Lecturer
Jill	Mcgowan	Ph.D.	Associate Professor
Mary	McKenna	Ph.D.	Associate Professor
Edna	Medford	Ph.D.	Professor
Tony	Medina	Ph.D.	Professor
Gaminie	Meepagala	Ph.D.	Associate Professor
Arti	Mehta	Ph.D.	Adjunct Lecturer
George	Middendorf	Ph.D.	Professor
Keesha	Middlemass	Ph.D.	Associate Professor
Prabhakar	Misra	Ph.D.	Professor
Phiwokuhle	Mnyandu	Ph.D.	Lecturer
Kevin	Modestino	Ph.D.	Master Instructor
Ahmed	Mohamed	Ph.D.	Lecturer
Amelia	Mondragon	Ph.D.	Professor
Shaunte	Montgomery	Ph.D.	Lecturer
Claudia	Mouamba	Ph.D.	Lecturer
Raslan	Moutraji	MA	Master Instructor
Leonard	Muaka	Ph.D.	Associate Professor
Bahiyah	Muhammad	Ph.D.	Associate Professor
Louise	Mundstock	Ph.D.	Adjunct Lecturer
Denee	Mwendwa	Ph.D.	Professor
Timothy	Myers	Ph.D.	Lecturer
Joshua	Myers	Ph.D.	Associate Professor
Dawn	Naser	Ph.D.	Adjunct Lecturer
Cheikh	Ndiaye	Ph.D.	Assistant Professor
Samuel	Ndubuisi	Ph.D.	Lecturer
Meenakshi	Nerolu	Ph.D.	Lecturer
Elizabeth	Newman	MA	Lecturer
Paule Mireille	Ngo Mbai	Ph.D.	Lecturer
Nikongo	Nikongo	Ph.D.	Associate Professor
Patricia	Noone	MA	Master Instructor
Alex	Nowak	Ph.D.	Lecturer
Shana	O'Connell	Ph.D.	Master Instructor
Elisa	Oh	Ph.D.	Associate Professor
Chinyerem	Ohia	Ph.D.	Associate Professor
Joel	Ojelade	MA	Adjunct Lecturer

Isaiah	Okiemen	Ph.D.	Adjunct Lecturer
Sean	O'Loughlin	Ph.D.	Adjunct Lecturer
Adebayo	Oluwayomi	Ph.D.	Adjunct Lecturer
Remi	Ombolo	Ph.D.	Lecturer
Bayo	Omolola	Ph.D.	Lecturer
Patrick	Parks	M.Ed.	Adjunct Lecturer
Assya	Pascalev	Ph.D.	Associate Professor
Arvilla	Payne-Jackson	Ph.D.	Professor
Sean	Pears	M.F.A.	Lecturer
Paul	Peart	Ph.D.	Professor
Trevon	Pegram	MA	Lecturer
Donte	Pennington	Ph.D.	Assistant Professor
Mary	Perkins	Ph.D.	Associate Professor
Jason	Perry	Ph.D.	Assistant Professor
Ravi	Perry	Ph.D.	Professor
Anita	Plummer	Ph.D.	Assistant Professor
Patrick	Plummer	Ph.D.	Assistant Professor
Mildred	Pointer	Ph.D.	Professor
Katherine	Pope	M.A.	Lecturer
Yvonne	Poser	Ph.D.	Associate Professor
Anika	Prather	Ph.D.	Adjunct Lecturer
Dominique	Pritchett	Ph.D.	Assistant Professor
Ernest	Quimby	Ph.D.	Professor
Dharmaraj	Raghavan	Ph.D.	Professor
Timothy	Ramadhar	Ph.D.	Assistant Professor
Francois	Ramaroson	Ph.D.	Professor
Ricky	Ramon	ME	Lecturer
Sheshalatha	Reddy	Ph.D.	Associate Professor
David	Reed	Ph.D.	Adjunct Lecturer
Iliana	Restrepo	Ph.D.	Master Instructor
Rebecca L	Reviere	Ph.D.	Adjunct Lecturer
Debra	Roberts	Ph.D.	Professor
Ashley	Robertson- Preston	Ph.D.	Lecturer
Courtney	Robinson	Ph.D.	Associate Professor
Leroy	Rowe	MS	Master Instructor
Prem Raj	Ruffin	MS	Lecturer
Lifoma	Salaam	Ph.D.	Lecturer
Rachel	Salgado	MA	Lecturer
Norman	Sandridge	Ph.D.	Associate Professor
Daryl	Scott	Ph.D.	Professor
Thomas	Searles	Ph.D.	Associate Professor
Richard	Seltzer	Ph.D.	Professor
Marie-Line	Sephocle	Ph.D.	Professor
Feraidoon	Shams	Ph.D.	Associate Professor
Tanya	Shanklin	MA	Adjunct Lecturer
Christopher	Shinn	Ph.D.	Associate Professor
Marcus	Singer	Ph.D.	Professor
Judith	Singletary	Ph.D.	Lecturer
Lawrencia Konje	Siri Epse Nukenine	PhD	Lecturer
Sankar	Sitaraman	Ph.D.	Associate Professor
Lloyd	Sloan	Ph.D.	Professor
Norma	Small-Warren	Ph.D.	Assistant Professor
Sidrea	Smith	Ph.D.	Lecturer
Andria	Smythe	Ph.D.	Assistant Professor
Dominicus	So	Ph.D.	Associate Professor
William	Spriggs	Ph.D.	Professor
Caroline	Stark	Ph.D.	Associate Professor

Elka	Stevens	Ph.D.	Associate Professor
Jay	Stewart	J.D.	Lecturer
Omari	Swinton	Ph.D.	Professor
Demba	Sy	Ph.D.	Lecturer
Vladimir	Talanov	Ph.D.	Master Instructor
Galina	Talanova	Ph.D.	Associate Professor
Jean-Jacques	Taty	Ph.D.	Associate Professor
Nikki	Taylor	Ph.D.	Professor
Shaolei	Teng	Ph.D.	Assistant Professor
Mickey	Terry	Ph.D.	Lecturer
Maimouna	Thiam	MBM	Lecturer
Michael	Thomas	Ph.D.	Assistant Professor
Patricia	Thomas		Adjunct Lecturer
Albert	Thompson	M.A.	Lecturer
Mercedes	Tibbits	Ph.D.	Professor
Emory	Tolbert	Ph.D.	Professor
Bourama	Toni	Ph.D.	Professor
Erin	Torbett	MA	Lecturer
Alla	Tovares	Ph.D.	Associate Professor
Alexander	Tulin	Ph.D.	Associate Professor
Hemayet	Ullah	Ph.D.	Associate Professor
Verny	Varela	MA	Adjunct Lecturer
Charles	Verharen	Ph.D.	Professor
Catalina	Villar	MPhil	Lecturer
Jarrold	Waetjen	Ph.D.	Adjunct Lecturer
Karen	Wallace	Ph.D.	Professor
Mesi	Walton	MA	Adjunct Lecturer
Xingting	Wang	Ph.D.	Assistant Professor
Valethia	Watkins	Ph.D.	Associate Professor
Rachel	Watson	Ph.D.	Assistant Professor
Mengsteab	Weldegaber	Ph.D.	Adjunct Lecturer
Kenny	Wesley	MA	Lecturer
Lanice	Williams	MS	Adjunct Lecturer
Marlon	Williams	Ph.D.	Adjunct Lecturer
Quinton	Williams	Ph.D.	Professor
Clarissa	Williams	Ph.D.	Lecturer
Daniel	Williams	Ph.D.	Associate Professor
Jennifer	Williams	Ph.D.	Assistant Professor
Yolonda	Wilson	Ph.D.	Associate Professor
Cynthia	Winston	Ph.D.	Professor
Daria	Winter	MA	Master Instructor
Robinson	Woodward-Burns	Ph.D.	Assistant Professor
Tingting	Xiong	Ph.D.	Assistant Professor
Abdul-Aziz	Yakubu	Ph.D.	Professor
Etsuko	Yamakita	MA	Master Instructor
Lennox	Yearwood	Ph.D.	Lecturer
Amy	Yeboah	Ph.D.	Associate Professor
Christine	Young	Ph.D.	Adjunct Lecturer
Yan-Liang	Yu	Ph.D.	Assistant Professor
Royce	Zackery	MA	Associate Professor
Almaz	Zewde	Ph.D.	Associate Professor

## College of Fine Arts

Lori	Allan	M.F.A.	Adjunct Lecturer
Ronald	Anderson	MFA	Associate Professor
Mark	Bartley	MFA	Associate Professor
Andrew	Bertaina	MFA	Lecturer



Kim	Bey	MFA	Professor
Myles	Blakemore	M.M.	Adjunct Lecturer
Anney	Bolgiano	M.F.A.	Lecturer
Ashley	Booher	MM	Adjunct Lecturer
Douglas	Bowles	MM	Master Instructor
Jessica	Boykin-Settles	MM	Assistant Professor
Michael A	Brown	B.F.A.	Adjunct Lecturer
Summer	Brown	MFA	Adjunct Lecturer
Michael	Bunn	MM	Adjunct Lecturer
Joyce	Camper	MFA	Adjunct Lecturer
Jacqueline	Carmichael	MFA	Assistant Professor
Larry	Cook	MFA	Assistant Professor
Christie	Dashiell Jalla	M.M.	Adjunct Lecturer
Richard	Desinord	M.A.	Lecturer
Valerie	Eichelberger	MM	Associate Professor
Patricia	Elam Walker	J.D. /MFA	Assistant Professor
Gwendolyn	Everett	PhD	Professor
Raven	Featherstone	MFA	Associate Professor
Raimi	Gbadamosi	MFA	Professor
Stephen	Gibson	MM	Adjunct Lecturer
Benita	Gladney	DMA	Assistant Professor
Anthony	Gomes	MFA	Associate Professor
Kenyatta	Graves	MFA	Lecturer
Jacqueline	Hammond	M.A.	Adjunct Lecturer
Robin	Harris	BFA	Master Instructor
Denise	Hart	MFA	Professor
Jocelyn	Isaac	MFA	Lecturer
Allen	Jackson	MFA	Adjunct Lecturer
Jasmine	Jacobs	M.M.T.	Adjunct Lecturer
Brittany	Johnson	MM	Lecturer
Per	Karlsson	MM	Assistant Professor
Natalia	Kazaryan	DMA	Adjunct Lecturer
Gerard	Kunkel	MM	Adjunct Lecturer
Marty	Lamar	MFA	Lecturer
Timothy	Macek	MM	Adjunct Lecturer
Alexander	McSwain	MFA	Assistant Professor
Connaitre	Miller	MM	Associate Professor
Chinyerem	Ohia	PHD	Associate Professor
Drew	Owen	MM	Adjunct Lecturer
William	Page	MFA	Lecturer
James	Phillips	MFA	Associate Professor
Reginald	Pointer	MFA	Associate Professor
Eric	Poole	D.M.A.	Assistant Professor
Tiffany	Quinn	BFA	Adjunct Lecturer
Anthony	Randolph	DMA	Associate Professor
Da'Shown	Rawl	B.F.A.	Adjunct Lecturer
William	Richards	MM	Adjunct Lecturer
Guericke	Royal	MM	Associate Professor
Eric	Ruffin	MFA	Associate Professor
Nikkole	Salter	MFA	Associate Professor
Nicholas	Seifert	MFA	Master Instructor
Amanda	Stack	M.F.A.	Lecturer
Christopher	Steele	M.M.	Adjunct Lecturer
Michelle	Taylor	MFA	Master Instructor
Darlene	Taylor	MFA	Lecturer
Liana	Valente	D.M.A.	Assistant Professor
Karen	Walwyn	DMA	Associate Professor

Kelvin	Washington	M.ME	Lecturer
Andrea	Washington-Brown	MFA	Lecturer
Tia	Wortham	MM	Adjunct Lecturer
Andrea	Young	M.A.	Adjunct Lecturer
Charlie	Young	MM	Professor

## School of Business

Kamal	Agarwal	Ph.D.	Associate Professor
Anthony	Anderson	Ph.D.	Associate Professor
Rafique	Anderson	J.D.	Adjunct Lecturer
Karthik	Balasubramanian	Ph.D.	Assistant Professor
William	Barbee	Ph.D.	Associate Professor
William	Brent	D.B.A.	Professor
Stacye	Brown Loman	MBA	Adjunct Instructor
Allison	Bryant	Ph.D.	Associate Professor
Carlos	Buskey	Ph.D.	Assistant Professor
Curtis	Cain	Ph.D.	Assistant Professor
Byeongyong	Choi	Ph.D.	Associate Professor
Charmaine	Davis	MBA	Adjunct Instructor
Ratna	Dey	Ph.D.	Associate Professor
Crystal	Dobratz	Ph.D.	Assistant Professor
Denver	D'Rozario	Ph.D.	Professor
Maru	Etta-Nkwelle	Ph.D.	Associate Professor
Yuvay	Ferguson	Ph.D.	Associate Professor
Rajni	Goel	Ph.D.	Professor
Wen	Gong	Ph.D.	Associate Professor
Johnny	Graham	Ph.D.	Assistant Professor
Alton	Henley	MBA	Adjunct Lecturer
Amanda	Hinojosa	Ph.D.	Assistant Professor
James	Hodge	MBA	Adjunct Lecturer
Rayshad	Holmes	Ph.D.	Adjunct Lecturer
Cathy	House	MBA	Adjunct Lecturer
L. Jide	Iwarere	Ph.D.	Associate Professor
Jin-Gil	Jeong	Ph.D.	Professor
Angela	Jones	Ph.D.	Assistant Professor
Masoud	Kavoossi	Ph.D.	Professor
Lynne	Kelly	Ph.D.	Associate Professor
Curtis	Kidd	Ph.D.	Adjunct Lecturer
Christopher	King	M.B.A.	Adjunct Instructor
Subodh	Kulkarni	Ph.D.	Professor
Anupam	Kumar	Ph.D.	Professor
Stephanie	Leonard	PHD	Assistant Professor
Lucy	Lim	Ph.D.	Associate Professor
Debby	Lindsey-Taliefero	Ph.D.	Professor
Adrian	Mayse	Ph.D.	Associate Professor
Sandip	Mukherji	Ph.D.	Professor
Jonathan	Newton	J.D.	Adjunct Instructor
Efua	Obeng	Ph.D.	Professor
Michael	Ogbolu	Ph.D.	Associate Professor
Ephraim	Okoro	Ph.D.	Associate Professor
Daniel	Owunwanne	Ph.D.	Associate Professor
Philemon	Oyewole	Ph.D.	Professor
Samuel	Paschall	JD	Associate Professor
Russell	Price	Ph.D.	Associate Professor

Mohammad Quasem		Ph.D.	Professor
Sia	Rose-Robinson	Ph.D.	Adjunct Lecturer
Narendra	Rustagi	Ph.D.	Professor
Anita	Schmied	MIM	Instructor
James	Shelton	M.B.A.	Adjunct Instructor
Raymond	Smith	Ph.D.	Professor
Denise	Streeter	Ph.D.	Assistant Professor
Darian	Unger	Ph.D.	Associate Professor
Melvin	Washington	Ph.D.	Assistant Professor
Jean	Wells	J.D.	Associate Professor
Dana	Williams-Johnson	Ph.D.	Instructor

## School of Communications

Quazi	Ahmed	Ph.D.	Adjunct Lecturer
Mark	Beckford	MSc	Assistant Professor
Keena	Blackmon	Ph.D.	Adjunct Lecturer
Melissa	Bradley	M.B.A.	Professor
Carolyn	Byerly	Ph.D.	Professor
Shirley	Carswell	MS	Lecturer
Roger	Caruth	Ph.D.	Assistant Professor
Jae Eun	Chung	Ph.D.	Associate Professor
Loren	Coleman	Ph.D.	Assistant Professor
Emily	Cramer	Ph.D.	Assistant Professor
Alaina	Davis	Ph.D.	Assistant Professor
Nicole	Dillard	J.D.	Assistant Professor
Idit	Dvir	MFA	Associate Professor
Hazel	Edney	Masters	Adjunct Lecturer
Ziad	Foty	M.F.A.	Lecturer
Fritz	Gerald	B.Arch	Adjunct Lecturer
Heidi	Gerber-Salins	MA	Assistant Professor
Tamika	Gittens	M.A.	Adjunct Lecturer
Maha	Haddad	Masters	Lecturer
Ovetta	Harris	Ph.D.	Associate Professor
Natalie	Hopkinson	Ph.D.	Associate Professor
Sheryl	Johnson-Ross	Master	Associate Professor
Joseph	Kim	Ph.D.	Adjunct Lecturer
Charrose	King	Ph.D.	Lecturer
Jean Claude	Kwitonda	Ph.D.	Assistant Professor
Yanick	Lamb	MBA	Professor
Kehbuma	Langmia	Ph.D.	Professor
Jay	Lucker	Ed.D.	Professor
Carolyn	Malachi	MFA	Assistant Professor
Cheriss	May	BA	Adjunct Lecturer
Silvia	Martinez	Ed.D.	Professor
Christine	McWhorter	Ph.D.	Assistant Professor
Angela	Minor	J.D.	Associate Professor
Montre	Missouri	Ph.D.	Associate Professor
Cynthia	Morton	MFA	Associate Professor
Srikanth	Nandigama	MFA	Assistant Professor
Uchenna	Onuzulike	Ph.D.	Adjunct Lecturer
Chukwuka	Onwumechili	Ph.D.	Professor
Donna	Oti	Ph.D.	Adjunct Lecturer
Vasilios	Papaioannu	M.F.A.	Assistant Professor
Yong Jin	Park	Ph.D.	Professor
Stacey	Patton	PHD	Assistant Professor
Valencia	Perry	Ph.D.	Assistant Professor

Monica	Ponder	Ph.D.	Assistant Professor
Samantha	Powers	Ph.D.	Assistant Professor
Jami	Ramberan	Ph.D.	Associate Professor
Sidney	Ribeau	Ph.D.	Professor
Tommie	Robinson	Ph.D.	Adjunct Lecturer
Vickey	Saunders	MFA	Associate Professor
Cherri	Sinclair	M.A.	Adjunct Lecturer
Shameka	Stanford	Ph.D.	Associate Professor
Ingrid	Sturgis	Ph.D.	Associate Professor
Wei	Sun	Ph.D.	Associate Professor
Lauren	Sweet	M.S.	Clinical Educator
Jennifer	Thomas	MA	Associate Professor
Taylor	Turner	MA	Adjunct Lecturer
Tia	Tyree	Ph.D.	Professor
Millard	Watkins	Certificate	Adjunct
Jennifer	Williams	M.S.	Adjunct Lecturer
Sonja	Williams	M.A.	Professor
Richard	Wright	Ph.D.	Professor
Wilhelmina	Wright-Harp	Ph.D.	Adjunct Lecturer

## School of Education

Shareefah Al Uqdah	PhD	Associate Professor
Kenneth Anderson	PhD	Professor
Alpheus Arrington Jr.	EdD	Adjunct Lecturer
Joy Banks	Ph.D.	Associate Professor
Helen Bond	PhD	Associate Professor
Jean-Paul Cadet	Ed.D.	Adjunct Lecturer
Gizelle Carr	PhD	Assistant Professor
Melanie Carter	PhD	Associate Professor
Scott Dantley	Ph.D.	Professor
Mercedes Ebanks	Ph.D.	Associate Professor
Salman Elbedour	PhD	Professor
Leslie Fenwick	PHD	Professor
Angela Ferguson	PhD	Associate Professor
Kimberley Freeman	PhD	Professor
Renee Garraway	Ed.D.	Adjunct Lecturer
Lisa Grillo	EdD	Assistant Professor
Rodney Henderson	EdD	Adjunct Lecturer
James Jackson	PhD	Associate Professor
Denisha Jones	PhD	Adjunct Lecturer
Sosanya Jones	Ed.D.	Assistant Professor
Shawn Joseph	Ed.D.	Assistant Professor
Ocheze Joseph	Ph.D.	Assistant Professor
Deena Khalil	PhD	Associate Professor
Velma LaPoint	PhD	Professor
Celeste Malone	PhD	Associate Professor
Kia McDaniel	Ed.D.	Adjunct Lecturer
Kyndra Middleton	PhD	Associate Professor
Ura Oyemade Bailey	PhD	Professor
Robert Palmer	Ph.D.	Associate Professor
Katherine Picho	Ph.D.	Assistant Professor
Catherine Quinlan	Ed.D.	Assistant Professor
Hakim Rashid	PhD	Professor
Gregory Reed	PhD	Associate Professor
Elizabeth Ricks	PhD	Assistant Professor

Jamie	Riley	Ph.D.	Adjunct Lecturer
Jennifer	Rious	Ph.D.	Visiting Assistant Professor
Cristobal	Rodriguez	PhD	Associate Professor
Duane	Ross	Ed.D.	Adjunct Lecturer
Gerald	Shockley	PhD	Professor
Veronica	Thomas	PhD	Professor
Ivory	Toldson	PhD	Professor
Gail	Upchurch Mills	Ph.D.	Adjunct Lecturer
Kamilah	Woodson	Ph.D.	Professor

## College of Engineering & Architecture

Michaela	Amoo	Ph.D.	Assistant Professor
Stephen	Arhin	D.Sc.	Associate Professor
Saurav	Aryal	M.S.	Lecturer
Hyung	Bae	Ph.D.	Assistant Professor
Jeremy	Blackstone	Ph.D.	Adjunct Lecturer
Peter	Bofah	Ph.D.	Associate Professor
Bobby	Boone	M.C.P.	Adjunct Lecturer
Legand	Burge	Ph.D.	Professor
Preethi	Chandran	Ph.D.	Associate Professor
Ramesh	Chawla	Ph.D.	Professor
Sheldon	Clark	BA/BS	Adjunct Lecturer
Kristina	Crenshaw	M.Arch.	Adjunct Lecturer
Toriano	Davis	D.D.S.	Adjunct Lecturer
Jeseth	Delgado Vela	Ph.D.	Assistant Professor
Edward	Dunson	M.Arch.	Associate Professor
Leland	Edgecombe	Ph.D.	Adjunct Lecturer
Hazel	Edwards	Ph.D.	Professor
Robert	Efimba	Sc.D.	Associate Professor
Sola	Famakin	Ph.D.	Assistant Professor
Torrance	Fennell	Ph.D.	Adjunct Lecturer
Farhana	Ferdous	Ph.D.	Assistant Professor
Lorraine	Fleming	Ph.D.	Professor
Moses	Garuba	Ph.D.	Professor
Tepper	Gill	Ph.D.	Professor
Emmanuel	Glakpe	Ph.D.	Professor
Bradford	Grant	M.Arch.	Professor
Kevin	Greenaugh	Ph.D.	Adjunct Lecturer
Desmond	Grimball	B.Arch	Adjunct Lecturer
Curry	Hackett	BA/BS	Adjunct Lecturer
Md Sami	Hasnine	Ph.D.	Assistant Professor
Noha	Hazzazi	Ph.D.	Assistant Professor
Reginald	Hobbs	Ph.D.	Adjunct Assistant Professor
Kimberly	Jones	Ph.D.	Professor
Harry	Keeling	Ph.D.	Associate Professor
Peter	Keiller	Ph.D.	Associate Professor
Charles	Kim	Ph.D.	Professor
Fadel	Lashhab	PHD	Assistant Professor
Jiang	Li	Ph.D.	Associate Professor
Chunmei	Liu	Ph.D.	Professor
Olumide	Malomo	Ph.D.	Assistant Professor
Nea	Maloo	M.Arch.	Assistant Professor
Claudia	Marin	Ph.D.	Professor
Ronnie	Mcghee	B. Arch.	Adjunct Lecturer
Achille	Messac	Ph.D.	Professor

James	Mitchell	Ph.D.	Professor
James	Momoh	Ph.D.	Professor
Mohsen	Mosleh	Ph.D.	Professor
Dahlia	Nduom	M.Arch.	Assistant Professor
Linwei	Niu	Ph.D.	Assistant Professor
Michael	O'Connor	M.Sc.	Adjunct Lecturer
Gbadebo	Owolabi	Ph.D.	Professor
Martin	Paddack	M.Arch.; M.Sc.	Assistant Professor
Danda	Rawat	Ph.D.	Professor
Timothy (Prescott)	Reavis	M.U.P.	Adjunct Lecturer
Ahmed	Rubaii	Ph.D.	Professor
Hassan	Salmani	Ph.D.	Associate Professor
Paul	Schipper	Ph.D.	Adjunct Lecturer
Ahlam	Shalaby	Ph.D.	Associate Professor
Todd	Shurn	Ph.D.	Associate Professor
Sonya	Smith	Ph.D.	Professor
Solmaz	Tabtabaei	Ph.D.	Assistant Professor
William	Taylor	M.Arch.	Associate Professor
John	Tharakan	Ph.D.	Professor
Naren	Vira	Ph.D.	Professor
Mamadou	Wade	Ph.D.	Assistant Professor
Thomas	Wallen	J.D.	Adjunct Lecturer
Grant	Warner	Ph.D.	Associate Professor
Gloria	Washington	Ph.D.	Assistant Professor
Tao	Wei	Ph.D.	Associate Professor
H	Whitworth	D.Sc.	Professor
Bernard	Woolfolk	M.S.	Adjunct Lecturer
Su	Yan	Ph.D.	Assistant Professor
Hessam	Yazdani	Ph.D.	Assistant Professor
Nadir	Yilmaz	Ph.D.	Professor
Patrick	Ymele-Leki	Ph.D.	Associate Professor

## College of Nursing & Allied Health Sciences

Oluwakemi	Adeola	Ph.D.	Clinical Assistant Professor
Jessica	Alden	OTD	Assistant Professor
Sylvia	Anderson	DHEd	Clinical Assistant Professor
Njwen	Anyangwe	Ph.D.	Adjunct Assistant Professor
Felecia	Banks	Ph.D.	Associate Professor
Ghislaine	Barry	DNP	Adjunct Clinical Instructor
Rhonda	Baxter	M.S.N.	Adjunct Clinical Instructor
Rosett	Beck	MSN	Clinical Instructor (9-M)
Fikru	Bedada	Ph.D.	Assistant Professor
Konah	Bernard	MS	Adjunct Clinical Assistant Professor
Lisa	Brace	MASTER	Clinical Instructor
Jutta	Brettschneider	MS	Adjunct Clinical Instructor
Pamela	Brown-White	DPT	Clinical Assistant Professor
Carole	Burnett	DSc	Associate Professor
Lloyd	Campbell	B.S.	Adjunct Instructor
Chimene	Castor	Ed.D.	Associate Professor
Elisha	Chambers	Ph.D.	Adjunct Lecturer
Youssef	Charara	Ph.D.	Adjunct Assistant Professor
Frederick	Covington	OTD	Adjunct Clinical Assistant Professor
Carlton	Crockett	Ph.D.	Adjunct Lecturer
KyRone	Davis	Ed.D.	Assistant Professor
Nkechi	Enwerem	Ph.D.	Associate Professor

Bernardine	Evans	DPT	Clinical Assistant Professor
Tamerill	Faison	MS	Adjunct Clinical Instructor
Kala	Flagg	MPT	Clinical Assistant Professor
Rhonda	Fowler	DPT	Adjunct Instructor
Marquise	Frazier	M.B.A.	Clinical Assistant Professor
Thomas	Fungwe	Ph.D.	Professor
Frank	Gainer	MS	Adjunct Clinical Assistant Professor
Avis	Graham	Ph.D.	Adjunct Instructor
Lennox	Graham	Ph.D.	Assistant Professor
Revenda	Greene	PhD	Associate Professor
Suzy	Guerrier-Adams	MSN	Clinical Instructor
Carolyn	Harris	J.D.	Adjunct Clinical Instructor
Aunamesha	Henley	Ph.D.	Associate Professor
Theresa	Hollaway	Psy.D.	Adjunct Instructor
Charmaine	Hutchinson	MSN	Professor
Oral	John	JD	Adjunct Clinical Assistant Professor
Allan	Johnson	Phd	Professor
Arlene	Johnson	Ph.D.	Adjunct Assistant Professor
Gloria	Jones	DNP	Adjunct Assistant Professor
Spiridon	Karavatas	PhD	Associate Professor
Iwona	Kasior	PhD	Associate Professor
Thierry	Lienou	MSOT	Clinical Instructor
Karen	Ljunggren	M.S.	Clinical Instructor (9-M)
Katherine	Manuel	Ph.D.	Assistant Professor
Sheeba	Nadarajah	Ph.D.	Assistant Professor
Marguerite	Neita	Ph.D.	Associate Professor
Gilaine	Nettles	Ph.D.	Clinical Assistant Professor
Oyonomo	Ntekim	Ph.D.	Associate Professor
Priscilla	Okunji	Ph.D.	Associate Professor
Yasmin	Omar	DPT	Adjunct Instructor
Rodney	Perkins	MSN	Adjunct Clinical Instructor
Carol	Porter	PhD	Assistant Professor
Marchelle	Putney	OTD	Clinical Instructor (9-M)
Lynda	Reha	DPT	Adjunct Assistant Professor
Bentley	Reid	MBA, MT (ASCP)	Clinical Instructor
Mary	Richardson	MSN	Adjunct Clinical Instructor
Michael	Robinson	DPT	Adjunct Lecturer
Phyllis	Ross	OTD	Clinical Assistant Professor
Mary	Shahady	MSN	Clinical Instructor
Tiffany	Simmons	MS	Clinical Instructor
Kimberly	Smith	MSN	Clinical Instructor (9-M)
Ellen	Spratley-Edwards	MSN	Clinical Instructor
Caron	Strong	DNP	Assistant Professor
Patricia	Talbert	Ph.D.	Associate Professor
Linda	Thompson	Ph.D.	Assistant Professor
Gezahegn Gorfu	Tolla	Ph.D.	Assistant Professor
Ashley	Turner	DNP	Assistant Professor
Arlene	Venable	MSN	Clinical Instructor
Melissa	Weir	MSN	Clinical Instructor
Joylyne	Wills	MGA	Clinical Instructor (9-M)
Devora	Winkfield	Ph.D.	Assistant Professor

## Regional Accreditation

Howard University is accredited by the Middle States Association of Colleges and Schools/Commission on Higher Education.

Middle States Commission on Higher Education  
3624 Market Street - Philadelphia, PA 19104  
(215) 662-5606

## Undergraduate Programs with Specialized Accreditation

Most current accreditation information can be found at: <http://www.provost.howard.edu/Accreditation/SpecAccreditation4-25-16.pdf>

<b>Program</b>	<b>Accrediting Organization</b>
School of Business	Association to Advance Collegiate Schools of Business International
School of Communications, Undergraduate programs in Journalism, Radio, Television and Film	Accrediting Council for Education in Journalism and Mass Communication (ACEJMC)
School of Education	National Council for the Accreditation of Teacher Education (NCATE) The District of Columbia State Education Agency (DCSEA)
School of Engineering, Undergraduate Engineering Programs	American Psychology Association (APA)
Department of Systems and Computer Science	Accreditation Board for Engineering and Technology, Inc. (ABET)
Department of Art	Computer Sciences Accreditation Commission
Department of Music	National Association of Schools of Art & Design
Department of Theatre Arts	National Association of Schools of Music
Division of Nursing	National Association of Schools of Theatre Arts
Clinical Laboratory Sciences	Commission of Collegiate Nursing Education (CCNE)
Nutritional Sciences	National Accrediting Agency for Clinical Laboratory Sciences
Radiation Therapy	Accreditation Council for Education in Nutrition and Dietetics
Health Management Services	Joint Review Committee on Education in Radiologic Technology Association of University Programs in Health Administration



# Undergraduate Admissions

## Academic Calendar 23-24

HOWARD UNIVERSITY  
**2022-2023 ACADEMIC CALENDAR**  
(Excluding Dentistry, Law, Medicine and Nontraditional Programs)

### FALL (FIRST) SEMESTER 2022

June 24, Friday	Early Processing deadline for receipt of all required Financial Aid documents for Fall 2022 Consideration. Documents include (but not limited to) Verification, Independent Status Petition, Special Circumstances Appeal, Satisfactory Academic Progress (SAP) Appeal, College Enrollment Verification, Authorization to Apply Title IV Funds
July 1, Friday	Deadline for required health documents for new entrants
July 11, Monday	Fall 2022 Statements available via BisonWeb
July 25, Monday	<b>Deadline to enroll in the Payment Plan via TouchNet at 0% down payment (Enrollment Fee is required)</b>
August 8, Monday	<b>Payment-in-full due for Fall 2022 (ALL STUDENTS)</b>
August 8, Monday to August 13, Saturday	Residence Halls open for New Entrants. Department will notify all students of check in times and dates
August 12, Friday	Fall disbursement of financial aid to eligible students' accounts with the Office Of Bursar
August 15, Monday to August 19, Friday	ORIENTATION, ACADEMIC ADVISEMENT AND COURSE REGISTRATION, for all New Undergraduate Students
August 18, Thursday to August 21, Sunday	Residence Halls open for and Continuing Students. Department will notify all students of check in times and dates
August 25, Thursday	<b>Deadline to enroll in the Payment Plan via TouchNet at 25% down payment (Enrollment Fee is required)</b>
August 22, Monday to September 2, Friday	LATE REGISTRATION/CHANGE OF PROGRAM PERIOD (Add or drop a course without a grade of "W," change from one section to another, change from credit to audit or audit to credit). <b>Late registration fee assessed for all new registrations.</b>

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2022-2023 Academic Calendar

**August 22, Monday**

**FORMAL CLASSES BEGIN**

August 26, Friday

Deadline for receipt of approved applications for Intra-University Transfer for Fall 2022 in the Office of the Registrar

September 2, Friday

**LAST DAY TO REGISTER FOR FALL 2022**

**Deadline to receive 100% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.**

<https://www2.howard.edu/withdrawal>

**Deadline for students to add, change or cancel meal plan charges**

September 5, Monday

UNIVERSITY CLOSED – Labor Day Observed

September 19, Monday

Registration holds for Spring 2023 applied to all accounts with a balance greater than zero and late payment fees assessed.

September 12, Monday to  
November 11, Friday

Graduation Application available via BisonWeb for Fall 2022 prospective candidates

September 12, Monday

Deadline for instructors to submit Never Reported (NR) and Unofficial Withdrawal (UW) status via BisonWeb for Fall 2022

September 16, Friday

OPENING CONVOCATION

Cramton Auditorium, 11:00 A.M. (Classes Suspended from 10:00 A.M. – 1:00 P.M.)

September 26, Monday

Deadline for students checking out of Residence Halls to receive 50% refund of housing charges. Students will be assessed 25% of housing charge upon checking out after this date.

Deadline for students checking out of meal mandated Residence Halls to receive 50% refund of meal plan charges.

**Deadline to receive 50% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.**

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2022-2023 Academic Calendar

- October 1, Saturday                      2022-2023 Free Application for Federal Student Aid (FAFSA) available  
Preliminary Enrollment Census date
- October 10, Monday                      UNIVERSITY CLOSED- Mental Health Day
- October 14, Friday                      Deadline for instructors to submit Midterm grades via BisonWeb for Fall 2022
- October 21, Friday                      Final Enrollment Census Date
- October 24, Monday                      Spring 2023 Registration begins for Continuing Students  
BisonWeb is available for registration from **9AM to midnight** each day

DAY	DATE	CLASSIFICATION
Monday	October 25	Senior
Tuesday	October 26	Junior
Wednesday	October 27	Sophomore
Thursday	October 28	Freshman & Unclassified
Friday	October 29	Graduate

- October 24, Monday to April 7, Friday                      Graduation Application available via BisonWeb for Spring 2023 prospective candidates

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2022-2023 Academic Calendar

October 28, Friday	<b>Deadline to receive 25% refund of tuition/fees (Last day for tuition/fee refunds). Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>  Deadline for students checking out of Residence Halls to receive 25% refund of housing charges  Deadline for students checking out of meal mandated Residence Halls and/or withdrawing from the University to receive 25% of meal plan charges
October 29, Saturday	College of Arts and Sciences Senior Comprehensive Examinations in major fields for prospective December 2022, May 2023 and Summer 2023 graduates
November 1, Tuesday	Fall 2022 First-Time in College Early Action Admission Application deadline
November 1, Tuesday	<b>Priority deadline for receipt of 2022-2023 Free Application for Federal Student Aid (FAFSA) for Prospective and Continuing Students</b>
November 11, Friday	UNIVERSITY CLOSED – Veterans Day Observed  Mental Health Day
November 11, Friday	<b>LAST DAY TO WITHDRAW FROM A FALL 2022 COURSE</b>
November 11, Friday	<b>LAST DAY TO COMPLETE A TOTAL WITHDRAWAL FROM THE UNIVERSITY</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a> (No refunds)
November 11, Friday	Deadline for prospective Fall 2023 Graduates to apply for graduation via BisonWeb
November 23, Wednesday	Classes and University Services Suspended at NOON
November 24, Thursday to November 27, Sunday	UNIVERSITY CLOSED - THANKSGIVING RECESS
December 2, Friday	<b>FORMAL CLASSES END</b>  <b>DEADLINE FOR STUDENTS TO CLEAR SPRING 2022 INCOMPLETE GRADES WITH INSTRUCTORS</b>

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2022-2023 Academic Calendar

December 3, Saturday  
to December 4, Sunday

Reading Period

December 5, Monday

Students without a financial hold may begin to pay \$200 Advanced payment for Housing Deposit for the 2022-2023 academic year (Continuing students only)

December 5, Monday to  
December 6, Tuesday

**DEPARTMENTAL EXAMINATIONS**

Departments	Examination Dates	Examination Times
English	Monday, December 5th	8:00 a.m. – 10:00 a.m.
French 001, 002, & 003	Monday, December 5th	3:30 p.m. – 5:30 p.m.
Spanish 001, 002 & 003	Monday, December 5th	1:00 p.m. – 3:00 p.m.
Social Sciences	Monday, December 5th	3:30 p.m. – 5:30 p.m.
General Physics	Monday, December 5th	10:30 a.m. – 12:30 p.m.
Economics 001 & 002	Tuesday, December 6th	8:00 a.m. – 10:00 a.m.
Comprehensive Sciences	Tuesday, December 6th	1:00 p.m. – 3:00 p.m.
Classical Mythology	Tuesday, December 6th	1:00 p.m. – 3:00 p.m.
Mathematics	Tuesday, December 6th	3:30 p.m. – 5:30 p.m.

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December 7, Wednesday to  
December 13, Tuesday

**FINAL EXAMINATIONS**

(Deadline for instructors to submit final grades via BisonWeb is five calendar days after the scheduled final examination).

Class Meeting Time	Examination Date	Examination Time
MWF 8:10 a.m.	Wednesday, December 7 <sup>th</sup>	8:00 a.m. – 10:00 a.m.
MWF 9:10 a.m.	Wednesday, December 7 <sup>th</sup>	11:00 a.m. – 1:00 p.m.
MWF 10:10 a.m.	Wednesday, December 7 <sup>th</sup>	2:00 p.m. – 4:00 p.m.
MWF 11:10 a.m.	Wednesday, December 7 <sup>th</sup>	5:00 p.m. – 7:00 p.m.
MWF 12:10 p.m.	Friday, December 9 <sup>th</sup>	8:00 a.m. – 10:00 a.m.
MWF 1:10 p.m.	Friday, December 9 <sup>th</sup>	11:00 a.m. – 1:00 p.m.
MWF 2:10 p.m.	Friday, December 9 <sup>th</sup>	2:00 p.m. – 4:00 p.m.
MWF 3:10 p.m.	Friday, December 9 <sup>th</sup>	5:00 p.m. – 7:00 p.m.
MWF 4:10 p.m.	Monday, December 12 <sup>th</sup>	8:00 a.m. – 10:00 a.m.
MWF 5:10 p.m.	Monday, December 12 <sup>th</sup>	11:00 a.m. – 1:00 p.m.
MWF 6:10 p.m.	Monday, December 12 <sup>th</sup>	2:00 p.m. – 4:00 p.m.
MWF 7:10 p.m.	Monday, December 12 <sup>th</sup>	5:00 p.m. – 7:00 p.m.
TR 8:10 a.m.	Thursday, December 8 <sup>th</sup>	8:00 a.m. – 10:00 a.m.
TR 9:40 a.m.	Thursday, December 8 <sup>th</sup>	11:00 a.m. – 1:00 p.m.
TR 11:10 a.m.	Thursday, December 8 <sup>th</sup>	2:00 p.m. – 4:00 p.m.
TR 12:40 p.m.	Thursday, December 8 <sup>th</sup>	5:00 p.m. – 7:00 p.m.
TR 2:10 p.m.	Tuesday, December 13 <sup>th</sup>	8:00 a.m. – 10:00 a.m.
TR 3:40 p.m.	Tuesday, December 13 <sup>th</sup>	11:00 a.m. – 1:00 p.m.
TR 5:10 p.m.	Tuesday, December 13 <sup>th</sup>	2:00 p.m. – 4:00 p.m.
TR 6:40 p.m.	Tuesday, December 13 <sup>th</sup>	5:00 p.m. – 7:00 p.m.
TR 7:10 p.m.	Tuesday, December 13 <sup>th</sup>	5:00 p.m. - 7:00 p.m.

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2022-2023 Academic Calendar

December 9, Friday	Spring 2023 Billing Statements available via BisonWeb  Deadline for academic deans to submit Special Grade Reports to the Office of the Registrar for removal of Spring 2022 incomplete grades
December 13, Tuesday	<b>FIRST SEMESTER ENDS</b>  Official GRADUATION DATE for Fall 2022 degree recipients
December 19, Monday to January 1, Sunday 2023	UNIVERSITY CLOSED - WINTER RECESS

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2022-2023 Academic Calendar

**SPRING (SECOND) SEMESTER 2023**

January 3, Tuesday	Payment in Full Due – Spring 2023 (All Students)  Spring disbursement of financial aid to eligible student’s accounts with the Office of Bursar
January 5, Thursday	Residence Halls open for check-in for New Residents at 10:00 A.M.
January 6, Friday	ORIENTATION, ACADEMIC ADVISEMENT, COURSE REGISTRATION, and PAYMENT of tuition/fees for all New Undergraduate Students  Residence Halls open for check-in for Continuing Students at 10:00 A.M.
January 9, Monday to January 20, Friday	LATE REGISTRATION/CHANGE OF PROGRAM PERIOD (Add or drop a course without a grade of "W," change from one section to another, change from credit to audit or audit to credit). <b>Late registration fee assessed for all new registrations.</b>
<b>January 9, Monday</b>	<b>FORMAL CLASSES BEGIN</b>
January 16, Monday	UNIVERSITY CLOSED – Martin Luther King, Jr.’s Birthday Observed  Deadline to enroll in the Payment Plan via TouchNet at 25% down payment (Enrollment Fee is required)
January 20, Friday	<b>LAST DAY TO REGISTER FOR SPRING 2023</b>  <b>Deadline to receive 100% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>  Payment-in-full is due for students who register for the first time during the late registration period  Deadline for receipt of December 2022 Graduation Recommendations in the Office of the Registrar

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2022-2023 Academic Calendar

	<p>Deadline for receipt of approved applications for Intra-University Transfers for Spring 2023 in Office of the Registrar</p> <p>Deadline for students to add, change or cancel meal plan charges</p> <p>Deadline for students checking out of Residence Halls to receive 50% refund of housing charges</p> <p>Deadline for students checking out of meal mandated Residence Halls and/or withdrawing from the University to receive 50% of meal plan charges</p>
January 30, Monday	<p>Financial holds applied to all accounts with a balance greater than zero and late payment fees assessed.</p> <p>Deadline for instructors to submit Never Reported (NR) and Unofficial Withdrawal (UW) grades via BisonWeb for Spring 2023</p>
February 1, Wednesday	<p>Regular Decision deadline for receipt of First-Time in College applications for admission for Fall 2023</p>
February 3, Friday	<p>UNIVERSITY CLOSED - Mental Health Day</p>
February 14, Tuesday	<p><b>Deadline to receive 50% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a></p> <p>Deadline for students checking out of Residence Halls and/or withdrawing from the University to receive 25% of meal plan and/or housing charges</p> <p>Preliminary Enrollment Census date</p>
February 20, Monday	<p>UNIVERSITY CLOSED – Presidents Day Observed</p>
March 3, Friday	<p>CHARTER DAY CONVOCATION Cramton Auditorium, 11:00 A.M. (Classes suspended from 10:00 A.M. - 1:00 P.M.)</p> <p><b>Deadline to receive 25% refund of tuition/fees (Last day for tuition/fee refunds). Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a></p>

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2022-2023 Academic Calendar

March 3, Friday Deadline for instructors to submit Midterm grades vis BisonWeb

March 4, Saturday to March 12, Sunday UNIVERSITY CLOSED - SPRING RECESS  
No dining services provided during recess.

March 10, Friday Final Enrollment Census date

March 25, Saturday Senior Comprehensive Examination in major fields for College of Arts and Sciences prospective May, Summer, and December 2023 graduates

March 27, Monday to March 31, Friday Fall 2023 Registration begins for Continuing Students

DAY	DATE	CLASSIFICATION
Monday	March 28	Senior
Tuesday	March 29	Junior
Wednesday	March 30	Sophomore
Thursday	March 31	Freshman & Unclassified
Friday	April 1	Graduate

BisonWeb is available for registration from **9AM** to **midnight** each day

April 7, Friday **LAST DAY TO WITHDRAW FROM A Spring 2023 COURSE**

**LAST DAY TO COMPLETE A TOTAL WITHDRAWAL FROM THE UNIVERSITY**  
<https://www2.howard.edu/withdrawal> (No Refunds)

April 14, Friday Deadline for prospective Spring 2023 graduates to apply for graduation via BisonWeb

April 17, Monday Summer 2023 Registration begins for Continuing Students  
BisonWeb is available for registration from **9AM** to **midnight** each day

April 17, Monday to July 1, Friday Graduation Application available via BisonWeb for Summer 2023 prospective candidates

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2022-2023 Academic Calendar

April 25, Tuesday to  
April 27, Thursday

**FINAL EXAMINATIONS FOR PROSPECTIVE S P R I N G 2 0 2 3 GRADUATES**

April 28, Friday

**FORMAL CLASSES END**

**DEADLINE FOR INSTRUCTORS TO SUBMIT GRADES FOR PROSPECTIVE GRADUATES**

Deadline for students to clear Fall 2022 incomplete grades with instructors

April 28, Friday to  
April 30, Sunday

Reading Period

**DEPARTMENTAL EXAMINATIONS**

May 1, Monday to  
May 2, Tuesday

(Deadline for instructors to submit final grades via BisonWeb is five calendar days after the scheduled final examination)

Departments	Examination Dates	Examination Times
English	Monday, May 1st	8:00 a.m. – 10:00 a.m.
French 001, 002, & 003	Monday, May 1st	3:30 p.m. – 5:30 p.m.
Spanish 001, 002 & 003	Monday, May 1st	1:00 p.m. – 3:00 p.m.
Social Sciences	Monday, May 1st	3:30 p.m. – 5:30 p.m.
General Physics	Monday, May 1st	10:30 a.m. – 12:30 p.m.
Economics 001 & 002	Tuesday, May 2	8:00 a.m. – 10:00 a.m.
Comprehensive Sciences	Tuesday, May 2	1:00 p.m. – 3:00 p.m.
Classical Mythology	Tuesday, May 2	1:00 p.m. – 3:00 p.m.
Mathematics	Tuesday, May 2	3:30 p.m. – 5:30 p.m.

May 3, Wednesday to  
May 9, Tuesday

**FINAL EXAMINATIONS**

(Deadline for instructors to submit final grades via BisonWeb is five calendar days after the scheduled final examination)

Class Meeting Time	Examination Date	Examination Time
MWF 8:10 a.m.	Wednesday, May 3rd	8:00 a.m. – 10:00 a.m.
MWF 9:10 a.m.	Wednesday, May 3rd	11:00 a.m. – 1:00 p.m.
MWF 10:10 a.m.	Wednesday, May 3rd	2:00 p.m. – 4:00 p.m.
MWF 11:10 a.m.	Wednesday, May 3rd	5:00 p.m. – 7:00 p.m.

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2022-2023 Academic Calendar

MWF 12:10 p.m.	Friday, May 5th	8:00 a.m. – 10:00 a.m.
MWF 1:10 p.m.	Friday, May 5th	11:00 a.m. – 1:00 p.m.
MWF 2:10 p.m.	Friday, May 5th	2:00 p.m. – 4:00 p.m.
MWF 3:10 p.m.	Friday, May 5th	5:00 p.m. – 7:00 p.m.
MWF 4:10 p.m.	Monday, May 8th	8:00 a.m. – 10:00 a.m.
MWF 5:10 p.m.	Monday, May 8th	11:00 a.m. – 1:00 p.m.
MWF 6:10 p.m.	Monday, May 8th	2:00 p.m. – 4:00 p.m.
MWF 7:10 p.m.	Monday, May 8th	5:00 p.m. – 7:00 p.m.
TR 8:10 a.m.	Thursday, May 4	8:00 a.m. – 10:00 a.m.
TR 9:40 a.m.	Thursday, May 4	11:00 a.m. – 1:00 p.m.
TR 11:10 a.m.	Thursday, May 4	2:00 p.m. – 4:00 p.m.
TR 12:40 p.m.	Thursday, May 4	5:00 p.m. – 7:00 p.m.
TR 2:10 p.m.	Tuesday, May 9th	8:00 a.m. – 10:00 a.m.
TR 3:40 p.m.	Tuesday, May 9th	11:00 a.m. – 1:00 p.m.
TR 5:10 p.m.	Tuesday, May 9th	2:00 p.m. – 4:00 p.m.
TR 6:40 p.m.	Tuesday, May 9th	5:00 p.m. – 7:00 p.m.
TR 7:10 p.m.	Tuesday, May 9th	5:00 p.m. - 7:00 p.m.

**NOTE:** FOR THOSE CLASSES THAT MEET ONCE WEEKLY OR AT A TIME NOT SHOWN ABOVE, THE INSTRUCTOR SHOULD SCHEDULE, IN CONSULTATION WITH THE STUDENT(S) INVOLVED, THE FINAL EXAM (IF ANY) WITH THEIR DEPARTMENT CHAIR TO ARRANGE FOR AN EXAMINATION ROOM

- May 5, Friday                                 Deadline for academic deans to submit Special Grade Reports to the Office of the Registrar for removal of Fall 2022 incomplete grades
  
- May 10, Wednesday                         **SECOND SEMESTER ENDS**
  
- May 12, Friday                                 Deadline for receipt of Spring 2023 Graduation Recommendations in the Office of the Registrar  
  
Check out of Residence Halls for all undergraduate students at 12:00 P.M.

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2022-2023 Academic Calendar

May 13, Saturday	<b>COMMENCEMENT</b> Upper Quadrangle - Main Campus, 10:00 A.M.
May 14, Sunday	Check out of Residence Halls for all Spring 2023 graduates at 12:00 P.M.
May 19, Friday	Evaluate Satisfactory Academic Progress (SAP) for 2023-2024  Residence Halls open for check-in of Summer Session I residents
May 26, Friday	Priority deadline for Satisfactory Academic Progress (SAP) Appeals for the 2023-2024 academic year
June 1, Thursday	Priority Processing Deadline for receipt of all required Financial Aid Documents for Fall 2023 consideration. Documents include (but not limited to) Verification, Independent Status Petition, Special Circumstances Appeal, College Enrollment Verification, Authorization to Apply Title IV Funds

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**SUMMER SCHOOL 2022**

**SESSION I: May 22 to June 25**  
**Registration: May 18 to 22**

**SESSION II: June 26 to July 30**  
**Registration: June 22 to 26**

**SUMMER SESSION I**

May 12, Friday	Summer I Financial Aid disbursements for eligible students
May 18, Thursday to May 22, Monday	REGISTRATION for all students; Payment in-full is due upon registration  (Add or drop a course without a grade of "W," change from one section to another, change from credit to audit or audit to credit)  Consortium Registration
May 22, Monday	<b>FORMAL CLASSES BEGIN</b> <b>Payment Due in Full for Summer Registration (All Students)</b>  <b>Deadline to receive 100% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>
May 24, Wednesday	<b>Summer Registration Disenrollment due to nonpayment</b>
May 29, Monday	<b>Deadline to receive 50% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>
May 29, Monday	UNIVERSITY CLOSED - Memorial Day Observed  Deadline for faculty to submit Unofficial Withdrawal (UW) and Never Reported (NR) status reports via BisonWeb for Summer Session I 2023
June 2, Friday	Graduation holds applied for Summer 2023 graduates
June 5, Monday	<b>Deadline to receive 25% refund of tuition/fees. (Last day for tuition/fee refunds). Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>
June 9, Friday	<b>LAST DAY TO WITHDRAW FROM A COURSE</b>

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2022-2023 Academic Calendar

June 9, Friday	<b>LAST DAY TO COMPLETE A TOTAL WITHDRAWAL FROM THE UNIVERSITY (Summer Session 1) (No Refunds)</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>
June 19, Monday	UNIVERSITY CLOSED - Juneteenth Observed
June 21, Wednesday	<b>FORMAL CLASSES END</b>
June 22, Thursday to June 24, Saturday	<b>FINAL EXAMINATIONS</b> (Deadline for instructors to submit final grades via BisonWeb is 3 calendar days after the scheduled final examination)
June 24, Saturday	Official GRADUATION DATE for Summer 2023 degree recipients in the Colleges of Dentistry, Medicine and Pharmacy only
June 25, Sunday	<b>FIRST FIVE-WEEK SUMMER SESSION ENDS</b>  Residence Halls close for Summer Session I residents

**FINAL EXAMINATION SCHEDULE FOR SUMMER SESSION I**

June 22, Thursday	6:30 A.M. - 8:30 A.M.
June 22, Thursday	8:00 A.M. - 10:00 A.M.
June 23, Friday	8:00 A.M. - 10:00 A.M.
June 24, Saturday	9:00 A.M. - 11:00 A.M.
June 22, Thursday	11:00 A.M. - 1:00 P.M.
June 23, Friday	11:00 A.M. - 1:00 P.M.
June 22, Thursday	2:00 P.M. - 4:00 P.M.
June 23, Friday	2:00 P.M. - 4:00 P.M.
June 22, Thursday	6:00 P.M. - 8:00 P.M.
June 23, Friday	6:00 P.M. - 8:00 P.M.

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**SUMMER SESSION II**

June 16, Friday	Summer Session II Financial Aid disbursements for eligible students
June 22, Thursday to June 26, Monday	REGISTRATION for all students; Payment in-full is due upon registration (Add or drop a course without a grade of "W," change from one section to another, change from credit to audit or audit to credit)  Consortium Registration
June 23, Friday	Residence Hall check-in for Summer Session II residents at 10:00 A.M.
June 26, Monday	<b>FORMAL CLASSES BEGIN</b> <b>Payment Due in Full for Summer Registration (All Students)</b>  <b>Deadline to receive 100% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>
June 28, Wednesday	<b>Summer Registration Disenrollment due to nonpayment</b>
July 1, Saturday	Deadline for prospective Summer 2023 graduates to apply for graduation via BisonWeb  Priority deadline for Satisfactory Academic Progress (SAP) Appeals for 2022-2023 Academic Year
July 3, Monday	<b>Deadline to receive 50% refund of tuition/fees. Please note that the online Total Withdrawal Request Form must be submitted.</b> <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a>  Deadline for faculty to submit Unofficial Withdrawal (UW) and Never Reported (NR) status reports via BisonWeb for Summer Session II 2023

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2022-2023 Academic Calendar

July 4, Tuesday	UNIVERSITY CLOSED - Independence Day Observed
July 10, Monday	<b>Deadline to receive 25% refund of tuition/fees. (Last day for tuition/fee refunds). Please note that the online Total Withdrawal Request Form must be submitted. <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a></b>
	<b>LAST DAY TO WITHDRAW FROM A COURSE</b>
July 14, Friday	<b>LAST DAY TO COMPLETE A TOTAL WITHDRAWAL FROM THE UNIVERSITY (for Summer Session II) (No Refunds) Please note that the online Total Withdrawal Request Form must be submitted. <a href="https://www2.howard.edu/withdrawal">https://www2.howard.edu/withdrawal</a></b>
July 26, Wednesday	<b>FORMAL CLASSES END</b>
July 26, Wednesday to July 28, Friday	<b>FINAL EXAMINATIONS</b> (Deadline for instructors to submit final grades via BisonWeb is 3 calendar days after the scheduled final examination)
July 29, Saturday	Residence Halls close for Summer Session II residents
	<b>SECOND FIVE-WEEK SUMMER SESSION ENDS</b>
	Official GRADUATION DATE for Summer 2023 degree recipients
	Deadline for receipt of Summer 2023 Graduation Recommendations in the Office of the Registrar

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**FINAL EXAMINATION SCHEDULE FOR SUMMER SESSION II**

July 26, Wednesday	6:30 A.M. - 8:30 A.M.
July 26, Wednesday	8:00 A.M. - 10:00 A.M.
July 27, Thursday	8:00 A.M. - 10:00 A.M.
July 28, Friday	9:00 A.M. - 11:00 A.M.
July 26, Wednesday	11:00 A.M. - 1:00 P.M.
July 27, Thursday	11:00 A.M. - 1:00 P.M.
July 26, Wednesday	2:00 P.M. - 4:00 P.M.
July 27, Thursday	2:00 P.M. - 4:00 P.M.
July 26, Wednesday	6:00 P.M. - 8:00 P.M.
July 27, Thursday	6:00 P.M. - 8:00 P.M.

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**DOCUMENT REVISIONS**

<b>EVENT</b>	<b>NEW DATE</b>	<b>ORIGINAL DATE</b>

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## Application Deadlines & Early Action

Domestic applicants should apply by the following deadlines

**Domestic Applicants should apply by the following dates:**

**Fall Semester:**

November 1st - Early Action: complete application files will be notified **late-December**

**Spring Semester:**

November 1st - complete application files will be notified by **late-November**

**Domestic Applicants should apply by the following dates:**

**February 15th:**

Traditional Action/Regular Decision:

Complete application files will be notified by **mid- April**

**International Applications should apply by the following deadlines:**

**Fall Semester:**

November 1st - Early Action

February 15th - Traditional Action

**Summer Sessions: April 1st**

**NOTE:** Application decisions will be rendered only to complete files  
Decisions can not be given over the phone.

Spring Semester: September 1st

Summer Sessions: February 1st

## Code for Standardized

Test Scores SAT & TOEFL: 5297

ACT: 0674

## General Admissions Requirements

The University promotes academic excellence through a highly selective admission process. Students who are admitted show strong personal motivation along with backgrounds of consistent academic growth and achievement. The University encourages the submission of applications from socially and economically disadvantaged students who show promise of gaining from a Howard University education. To protect its character and standards of scholarship, the University reserves the right, and the applicant concedes to the University the right, to deny admission to any student at any time for any reason the University deems sufficient.

On **September 24, 1983**, the Board of Trustees of Howard University adopted the following policy statement regarding applicants for admission:

"Applicants seeking admission to Howard University are required to submit accurate and complete credentials and accurate and complete information requested by the University. Applicants who fail to do so shall be denied admission. Enrolled students, who as applicants failed to submit accurate and complete credentials or accurate and complete information on their application for admission shall be subject to dismissal when the same is made known regardless of classification."

## Application Options

All students must use the *Common Application* to apply for admissions to the university. If a student needs assistance or accommodations, then the **Office of the Registrar** will provide a paper copy for that student. Students should refer to the Admission Policy and Admission Process sections on the university website.

Howard University requires all admitted students to present proof of high school graduation before enrolling at HU. Admitted students must provide the Office of Undergraduate Admissions with such proof of graduation by August 1 of the year they plan to enroll.

## International Students:

An extension will be granted to students outside the United States whose secondary schools operate on a different schedule. You will not be penalized for the late receipt of your graduation certificate or final report from your high school. Students who are submitting final exam results as proof of graduation should ensure that these results are sent to us as soon as they have been released, and provide official certificates as soon as

these are available. Please note that if documents are not in English, an English translation should be provided, one which is issued either by a school official or by a translation agency accredited in the educational institution's country.

**In all cases**, proof of graduation must be provided prior to beginning the first semester of classes at Howard. Howard considers the following documents to serve as proof of secondary school graduation:

- A high school transcript submitted directly from the student's school. We will not accept a high school transcript submitted by the student. The high school transcript must show the date of graduation. For students in a curriculum where national examinations or other certification signifies completion of high school those documents will be required as proof of graduation.
- Results from the General Education Development (GED) Test. Students may submit GED results in lieu of a final high school transcript. Students can take the GED Test almost anywhere in the United States and Canada and internationally at any of the 3,400 Official GED Testing Centers. More information about obtaining a GED.
- Admitted homeschooled students must either be able to provide evidence of a homeschool diploma, a certificate of completion that is considered the equivalent of a high school diploma in the applicant's home state, or they must complete and submit results of their GED test prior to enrollment at Howard.
- A high school diploma showing the date of graduation, including the official seal and signature of the school's governing officials.

Final transcripts may be submitted by a school official through the **Common Application, Naviance** or **fax**.

All mailed transcripts and other proof of graduation documents, however, should bear an official stamp, be signed and mailed from a student's school in a sealed envelope.

## Report of Medical History

All students are required to submit a completed Report of Medical History, proof of immunity to vaccine-preventable diseases. All students entering the University for the first time and those returning after an absence of one or more semesters are required to submit a completed health examination (Entrance Medical Record). Students will not be allowed to register for classes if their enrollment and medical forms have not been returned by the announced deadline date. Failure to submit the forms on time may result in the student's having to register during late registration and paying a \$175 late registration fee. The University reserves the right to deny registration to any student or prospective student who, in the judgment of the officials of the University Health Service, is suffering from a condition of illness that would be inimical to the health of others. In such cases, the recommendation of the University Health Service is final.

## First Time Student Admission Requirements

First Time in College (FTIC) Students

FTICs are students who have never been admitted to a degree program at Howard University or any other post-secondary institution of higher education.

### FTIC Academic Eligibility

We consider the applicant's secondary school academic record, standardized college entrance exams (**SAT or ACT**), leadership in school and community activities, unique talents and skills, and educational objectives. For admission consideration, an applicant should have a well-balanced college preparatory program.

### FTIC Admission Requirements Package.

**A complete application package includes the following materials:**

1. An online application is preferred with non-refundable US\$45 application fee. Personal checks are not accepted. Application fees are not waived;
2. One letter of recommendation from a guidance counselor, principal, head of school, or school official;
3. One letter of recommendation from a teacher or professor;
4. Scholastic Aptitude Test (SAT) or American College Test (ACT) scores
  1. To obtain SAT 1 test dates, visit [www.collegeboard.com](http://www.collegeboard.com) – school code 5297
  2. To obtain ACT test dates, visit [www.act.org](http://www.act.org) – school code 0674;
5. High School transcript, official certified final secondary school records, or mark sheets including grades 9-12;
6. Certified documentation of exit examination scores for example CXC, GCE, WAEC, BGCSE, or exit examination scores from your region or country - All course titles, and the marks earned in those courses, should be reflected:
  1. If your transcript, exit exam, leaving certificate, or grade scale system is in a foreign language, an official English translation by World Education Services ([www.wes.org](http://www.wes.org)) is required. Request the International Credential Advantage Package (ICAP) (Transcript + Evaluation) Document-by-Document Report only.
  2. Statement of results, provisional notifications of results, and website print out of results will not be accepted.
7. Admission essay- Howard University is interested in you as a person, as well as how you think and express your thoughts. Please submit a 500-word essay on a topic of your choice or "How can I contribute to the Legacy of Howard University".
8. An official TOEFL- Howard's school code is 5297. Only official reports from ETS will be accepted. Scores from the Test of English as a Foreign Language (TOEFL) <http://www.ets.org/toefl> are required for applicants whose native language is not English.
  1. Score of 550 on the paper-based test (PBT)
  2. Score of 79 on the internet-based test (iBT)
  3. In lieu of the TOEFL (if not offered in your country), applicants may submit results from IELTS (International English Language Testing System) with an overall score of a 6.5.
9. Statement of Financial Resources Form; the "1st Year" column must be completed, using the "General Undergraduate" figures; it must be signed by you and your sponsor. If you are self-sponsored, you should sign on both lines. The form does not require a signature or stamp by a bank official.
  1. Statement of Financial Resources Form  
<http://www.howard.edu/enrollment/documents/admission/Statement%20of%20Financial%20Resources.pdf>
10. Sponsor's letter stating the sponsor's name, your name, relationship to the sponsor and the sponsor's intent to be responsible for your expenses; if you are self-sponsored, you should submit a letter stating that you are sponsoring yourself
11. Recent monthly bank statement; if the statement is in a foreign currency, the US dollar equivalence and conversion rate must be stated. The balance must match or exceed the total completed in the "1st Year" column on the Financial Resources Form; a letter written by a bank is not acceptable.

Residential address in your country of origin; PO Box only or commercial addresses are not acceptable.

## Transfer Student Admission Requirements

### Transfer Students

Applicants who have attended another post-secondary institution of higher education and who may seek admission to Howard University with advanced standing will be classified as transfer students.

## Transfer Student Academic Eligibility

Admission criteria vary among Howard University's schools and colleges. Transfer applicants must meet the following minimum requirements for admission consideration:

- 15 transferrable credit hours (30 credit hours for the School of Business) from a regionally accredited post secondary institution

## Transfer Students Admission Requirements Package.

Students who plan to enroll at Howard University must complete and submit the following credentials by the designated deadline stated above:

- Application for Admission with a \$45.00 non-refundable application fee
- Official transcripts from all post-secondary institutions attended;
- A letter of recommendation from a professor or an academic advisor; and
- A completed Professor Recommendation Form.

## International First Time Student Admission Requirements

### International Students: First Time in College (FTIC).

International students are advised to begin the admission process at least one year prior to the time they wish to enter the University. Additional time is usually essential for submission of required tests, academic documents, evaluations, and immigration-related matters.

## International Students Academic Eligibility

The following documents are required for admission consideration:

- An online application is preferred with non-refundable application fee. **Personal checks are not accepted. Application fees are not waived.**
- A letter of recommendation from a guidance counselor, principal, head of school, or school official;
- A letter of recommendation from a teacher or professor; and
- Scholastic Aptitude Test (SAT) or American College Test (ACT) scores
  - **To obtain SAT 1 test dates, visit [www.collegeboard.com](http://www.collegeboard.com) – school code 5297**
  - **To obtain ACT test dates, visit [www.act.org](http://www.act.org) – school code 0674**
- High School transcript, official certified final secondary school records, or mark sheets including grades 9-12.
- Certified documentation of exit examination scores for example CXC, GCE, WAEC, BGCSE, or exit examination scores from your region or country - All course titles, and the marks earned in those courses, should be reflected.
- Additional requirements are listed below:

## English Translation of Application Documents

If your transcript, exit exam, leaving certificate, or grade scale system is in a foreign language, an official English translation by World Education Services([www.wes.org](http://www.wes.org)) is required. Request the International Credential Advantage Package (ICAP) (Transcript + Evaluation) Document-by-Documents Report only. Statement of results, provisional notifications of results, and website print out of results will not be accepted.

## Admissions essay.

Howard University is interested in you as a person, as well as how you think and express your thoughts. Please submit a 500-word essay on a topic of your choice or "How can I contribute to the Legacy of Howard University".

An official TOEFL Report. Only official reports from ETS will be accepted. Scores from the Test of English as a Foreign Language (TOEFL) <http://www.ets.org/toefl> are required for applicants whose native language is not English. Howard's school code is 5297.

- 550 on the paper-based test (PBT)
- 79 on the internet-based test (iBT)

In lieu of the TOEFL (if not offered in your country), applicants may submit results from IELTS (International English Language Testing System) with an overall score of a 6.5.

## Statement of Financial Resources Form.

The "1st Year" column must be completed, using the "General Undergraduate" figures; it must be signed by you and your sponsor. If you are self-sponsored, you should sign on both lines. The form does not require a signature or stamp by a bank official.

## Statement of Financial Resources

**Form.** <http://www.howard.edu/enrollment/documents/admission/Statement%20of%20Financial%20Resources.pdf>

## Sponsor's Letter.

The Sponsor's letter must state the sponsor's name, your name, relationship to the sponsor and the sponsor's intent to be responsible for your expenses; if you are self-sponsored, you should submit a letter stating that you are sponsoring yourself

## Recent monthly bank statement.

If the statement is in a foreign currency, the US dollar equivalence and conversion rate must be stated. The balance must match or exceed the total completed in the "1st Year" column on the Financial Resources Form; a letter written by a bank is not acceptable. Residential address in your country of origin; PO Box only or commercial addresses are not acceptable.

## Issuance of I-20 (Certificate of Eligibility).

Immigration form I-20 (Certificate of Eligibility), needed to obtain a student visa, is not issued until the applicant has **(1)** been officially accepted by the University, **(2)** paid the enrollment fee, and **(3)** submitted a financial statement indicating how expenses will be met while attending the University.

Regulations of the Immigration and Naturalization Service require that all people on F-1 (student) visas pursue a full course of study at all times. This means that undergraduates must be enrolled in no less than 12 credit hours at all times. For additional information contact the Office of International Student Services (<http://www.howard.edu/internationalservices/default.htm>) at (202) 806-4124.

## University Housing.

International students who have been accepted at Howard University are not guaranteed housing. For additional information regarding housing, contact the Office of Residence Life at (202) 806-6131.



Howard University is authorized under federal law to enroll non-resident students.

## International Transfer Student Admission Requirements

### International Students: Transfer

A student who has completed academic studies at another college or university may be considered for transfer admission.

### International Transfer Students: Academic Eligibility.

The minimum standards for admission consideration as a transfer student are:

- A passing grade of C or better in both a college-level English and college-level math course
- A minimum of 15 credits (30 credits for the School of Business) from an accredited postsecondary institution
- 2.5 cumulative grade point average (GPA) (3.0 GPA for the School of Business)

The following documents are required for admission consideration:

1. An on-line application is preferred with non-refundable US\$45 application fee. Personal checks are not accepted. Application fees are not waived.
2. One letter of recommendation from a teacher or professor.
3. Official transcripts from all post-secondary institutions. If your transcript is in a foreign language or grade scale system, an official English translation is required by the World Education Services([www.wes.org](http://www.wes.org)) requesting the International Credential Advantage Package (ICAP) (Transcript + Evaluation) Course-by-Course (with GPA & course levels) Report only.
4. An official TOEFL- Howard's school code is 5297. Only official reports from ETS will be accepted. Scores from the Test of English as a Foreign Language (TOEFL) are required for applicants whose native language is not English. Once the application is received, a member from EM/Admission will inform the student if he/she must take this test.
5. In lieu of the TOEFL (if not offered in your country), applicants may submit results from IELTS (International English Language Testing System) with an overall score of a 6.5.
6. Statement of Financial Resources Form; the first column must be completed, using the figures shown for your student status. It must be signed by you and your sponsor. If you are self-sponsored, you should sign on both lines. The form does not require a signature or stamp by a bank official.

### Statement of Financial Resources (PDF)

1. Sponsor's letter stating the sponsor's name, your name, relationship to the sponsor and the sponsor's intent to be responsible for your expenses; if you are self-sponsored, you should submit a letter stating that you are sponsoring yourself.
2. Recent monthly bank statement; if the statement is in a foreign currency, the US dollar equivalence and conversion rate must be stated. The balance must match or exceed the total completed in the right column on the Financial Resources Form; a letter written by a bank is not acceptable.
3. Residential address in your country of origin; PO Box only or commercial addresses are not acceptable.
4. International Students transferring from a college/university within the United States must also send:
5. Copy of your I-94 and current I-20.
6. Color copy of your passport photo page and visa page.
7. Transfer Form completed by the immigration advisor at your current school

**Mail all required documents to:**

Howard University  
Office of Admission  
2400 Sixth Street NW, Suite 111  
Washington, DC 20059

Immigration form I-20 (**Certificate of Eligibility**), needed to obtain a student visa, is not issued until the applicant has **(1)** been officially accepted by the University, **(2)** paid the enrollment fee, and **(3)** submitted a financial statement indicating how expenses will be met while attending the University.

Regulations of the Immigration and Naturalization Service require that all people on F-1 (student) visas pursue a full course of study at all times. This means that undergraduates must be enrolled in no less than 12 credit hours at all times. For additional information contact the Office of International Student Services at (202) 806-4124.

International students who have been accepted at Howard University are not guaranteed housing.

For additional information regarding housing, contact the Office of Residence Life at (202) 806-6131.

## Other Categories Seeking Undergraduate Admission: Former Students Returning (FSR)

Students who are not enrolled during the current semester (summer session not included), but who have previously attended Howard University are classified as Former Students Returning (**FSR**).

**FSRs** must submit an application following the appropriate application deadlines. An application fee and enrollment fee are not required. **FSRs** absent from the University for two or more years must also obtain a medical clearance from the University Student Health Center before they can complete the registration process.

Students who cease to attend the University for one semester or more, whether or not voluntarily, are subject to all regulations and requirements in force at the time they resume their studies, unless other arrangements have been agreed to by the dean and recorded in writing before their absence.

In general, **FSRs** are readmitted to the last school in which they were enrolled at Howard University. Applicants must submit an official transcript from each post-secondary institution attended since last enrolled at Howard to the Office of Admission. Credit will be awarded for those courses taken that are comparable to courses offered at Howard University in which the student has earned a grade of C or better.

Before readmission is granted, students who are absent from the University for the following reasons must fulfill the corresponding requirements.

Withdrawn for health reasons- Clearance from the University Student Health Center must be obtained, such correspondence should be directed to the Administrator, University Student Health Center, 2139 Georgia Ave NW, 2nd Floor, Howard University, Washington, DC 20059.

Academic Suspension-Students who are academically suspended must seek reinstatement through the college or school from which they were suspended. If reinstatement is granted by the school or college, students must then complete all readmission processes required by the Office of Admissions and the Registrar. In most instances, suspended students must be out of school for at least one semester to submit a reinstatement petition. Suspended students are encouraged to meet with their academic adviser to discuss the reinstatement petition process, deadlines, and eligibility requirements at least one semester prior to their desired readmission date.

Disciplinary suspension and/or withdrawal -Readmission may be sought for any period following expiration of the suspension period.

All voluntary withdrawals-Persons who withdraw voluntarily must follow readmission processes outlined by the Office of the Admissions.

Once a student graduates, he/she may not return to the same school or status as an undergraduate, but must be considered either graduate/professional, unclassified, or seeking another undergraduate degree and must pay the applicable application fees.

## Unclassified Students

Unclassified students are non-matriculating student who wish to complete courses during the spring or fall semester. Typically students who require completion of pre-requisite courses to begin a specific course of study are considered unclassified.

## Visiting Students

Visiting students who plan to enroll at Howard University must complete and submit the following:

- Application for Admission
- Non-refundable \$45 application fee, paid by money order, cashier's check, or credit card only.
- At least a 2.50 GPA
- Official transcript

A letter of permission from the home school. The letter should include the student's GPA and a list of courses the student is authorized to take. Applications will not be processed until such letter is received.

Visiting students who are admitted to Howard University must pay a \$300 non-refundable enrollment fee to secure their place in the class. Visiting students are considered for housing once they have been accepted and have submitted an application for housing and a \$50 housing application fee (housing is not guaranteed). Visiting students can matriculate for a maximum of one academic year.

## Summer School

### Summer Student-At-Large

A non-matriculating (non-degree) student who is applying to attend for the summer semester only. Summer students may not take Fall or Spring coursework. Students who would like to take Fall and Spring courses should submit an applicable application for admission for the appropriate semester. This application is also not intended for students who currently attend Howard University as part of a degree-seeking program (thus, you are generally eligible to register for summer classes where appropriate) or returning students who would like to apply for readmission for summer re-entry. Please note, institutional aid is not available for summer classes; however, federal aid may be applicable if eligible.

Applicants must complete and submit the following:

1. Application for Admission (Howard University Online Application).
2. One official transcript from all post-secondary institutions attended. Official transcripts may be submitted via an e-Transcript system (to [admission@howard.edu](mailto:admission@howard.edu)) if available (highly preferred). If your school does not have an e-Transcript system, please submit a copy of your transcript via mail (not preferred, as there may be significant delays in our receipt of mailed items). You may not submit your school transcript via email.
3. Personal Statement detailing your reason for seeking summer admission.

Mailing Address:

Attn: Summer Student Admission

2400 6th Street NW, Washington, DC 20059

## Consortium of Universities of the Washington Metropolitan Area (CUWMA)

The CUWMA is a cooperative arrangement in post-secondary education that is designed to permit the sharing of academic resources by member institutions and to offer qualified students the opportunity to enroll at other institutions for courses not available on their own campus.

Howard University offers its qualified undergraduates and graduates degree students the opportunity to enroll in courses at American University, Catholic University, Corcoran College, Gallaudet University, Georgetown University, George Mason University, George Washington University, Marymount University, Trinity University, University of the District of Columbia, and the University of Maryland College Park.

**REGISTRATION FOR THE CONSORTIUM PROGRAM IS COMPLETED AT HOWARD UNIVERSITY BY THE CONSORTIUM COORDINATOR IN THE OFFICE OF THE REGISTRAR.**

**HOWARD UNIVERSITY STUDENTS DO NOT HAVE TO REGISTER AT THE VISITED INSTITUTION.**

### Requirements:

- Must be a fully admitted degree seeking student.
- Must be and remain in good Academic and Financial Standing in order to apply for the Consortium Program.
- Consortium credit hours cannot exceed the number of credits registered for at HU. Students who drop below the required credits at HU, your Consortium registration will be canceled no exceptions.

### Procedure:

- Check class schedules of the Consortium Institutions at [www.consortium.org](http://www.consortium.org)

***\*\*\*Availability of classes cannot be guaranteed. Courses may be closed or subject to approval from the dean/department at the visited institutions. If special permission is needed, Students must obtain written permission from the instructor and submit it with the Consortium Registration form.***

### Please Note.

Consortium Registration dates are determined by HU Registration dates.

All Consortium Registration for Howard Students is completed by the HU Consortium Coordinator. Once registration is completed at HU, students may be required to present consortium registration form.

Consortium courses will be added to students HU schedule.

Consortium institutions do not register visiting Consortium students until the first week of class.

The University of Maryland does not register visiting Consortium students until the first day of classes.

Students must adhere to HU drop and withdrawal deadline. To drop or withdraw students must contact the Consortium Coordinator.

All grades are submitted to the HU Coordinator and will be posted upon receipt. Grades may be delayed depending on the administrative processes of the home and visited institutions.

Submitting a registration form is not confirmation of registration at the Host institutions. Students will receive a registration confirmation via email from the Host institution at the beginning of the semester. Any fee or extra expense attached to a course or tutoring service is not covered in the Consortium Agreement and must be paid by the student to the institution administering the course or service.

Any Prospective Graduate interested in participating in the Consortium Program take note: HU semester usually ends earlier than most of the host institutions. Therefore, be advised that grades may not be submitted in time to meet HU graduation deadline.

It is taken into consideration that some institutions' semester may start later than HU. In these cases, the Drop deadline for Consortium only extends to the first day, and only the first day, of classes at the visited Consortium institution. This Extension does not apply to Howard University Classes. Students are required to inform the Consortium Coordinator the very next day of your intention to drop the class. Any decision to drop after the first day of classes at the host institution will result into a withdrawal (W for that class).

If the course is canceled, please contact the Consortium Coordinator immediately.

To drop or withdraw from a Consortium course, students must report immediately to the Consortium Coordinator and complete a withdrawal form. CONSORTIUM COURSES SHOULD NOT BE DROPPED ON BISONWEB. Consortium grades for Howard University students are received in the Office of the Registrar and automatically recorded on the student's permanent academic record.

Consortium information and materials are available in the Office of the Registrar located in the Administration Building-Suite 105.

## Undergraduate Transfer Credit Policy

Howard University accepts academic courses from regionally accredited colleges and universities as transfer credits. For new student entering Howard University, and upon receipt of the student's official transcript (s), transfer credits will be evaluated by using the following criteria.

- Transfer courses must be of comparable content, academic level, and scope to the curricular offerings at Howard University.
- Credit hour (s) assignment to transfer courses will be semester credit hours. If the originating institution is other than the semester system, the appropriate conversion of credit hour (s) will take place by the Office of Enrollment Management.
- Students must have earned a grade of "C" or higher in academic courses in order for the courses to be transferred to Howard University.
- For transfer course credits that are discipline specific, the Office of Enrollment Management will request a review and assignment of the transfer credits by the specific discipline.
- The maximum number of credit hours that can be transferred from a two-year community college is 60 semester credit hours; and, the maximum number of credit hours that can be transferred from a four-year college is 90 semester credit hours. (Note: Howard University requires that the last 30 credit hours for an undergraduate degree be taken at Howard University).

- Credit hours are transferable to Howard University, not grades. Therefore, grades for academic courses transferred will not be included in the overall GPA of a student.
- All transcripts from international institutions (except pre-approved study abroad courses) must be evaluated by a current NACES member, and must be submitted to the Office of the Registrar via the respective agency.

### **Credit by Advanced Placement (AP) Examination:**

New students entering Howard University may receive course credit for academic courses completed in secondary schools under the Advanced Placement Program administered by the College Board.

- AP score must be sent directly from the College Board to the Office of the Enrollment Management
- AP credit hours are awarded by Howard University according to the chart (List the link for AP scores and credit hours awarded here).
- In each subject for whom credit is sought, a minimum score of 3 is required. However, some departments may require a score of 4 or 5 to receive the transfer credit for an AP examination.

### **Credit by International Baccalaureate (IB) Examination:**

Howard University will evaluate and award course credits for an IB examination score, based on the following criteria.

- Submission of an IB certificate directly to the Office of Admissions
- Score of 4 or better on IB exam will result in awarding credits for the first level of the course.
- Score of 5, 6, or 7 –award first and second levels of the course (e.g. Biology Higher Level score of 5, 6, or 7 and receive credit for Biol 101 and 102).

### **Credit by Caribbean Advanced Proficiency Examination:**

Howard University will award transfer credits as follows for scores ranging from 1-3

- Unit 1 = 1 course in specified curriculum/discipline sequence
- Unit 2 = w courses specified curriculum/discipline sequence

## **Placement Exams**

### **English (Freshman Composition) Placement**

All students are expected to complete their writing requirements within their first-year of attending Howard.

#### **Criteria #1)**

If you scored below 450 on the SATW or below 18 on the ACTE, you will be blocked registered for a ENGL 002 course with a writing skills lab. Once you complete the course with a C or better, then you will be allowed to progress to ENGL 003. Once you complete the course with a C or better, then you will have completed your first-year writing requirement.

#### **Criteria #2)**

If you scored between 450 – 509 on the SATW or between 25-18 on the ACTE, you will be block registered for a traditional EGNL 002 course. Once you complete the course with a C or better, then you will be allowed to progress to ENGL 003. Once you complete the course with a C or better, then you will have completed your first-year writing requirement.

### Criteria #3)

If you scored a 510 or higher on the SATW or 26 or higher on the ACTE, you will be blocked registered for ENGL 004. Only those students who have been admitted into COAS Honors program will be registered for ENGL 075. Once you complete ENGL 004 or 075 with a C or better, then you will be allowed to progress to ENGL 005. Once you complete ENGL 005, you will have completed your firstyear writing requirement.

**Note: Students who have been invited to the COAS Honors Program and who have NOT met the requisite scores for 004 will be registered for 002.**

## Mathematics Placement

The Math Placement Examination (MPE) is administered through McGraw-Hill's Assessment and Learning in Knowledge Spaces (ALEKS) program. ALEKS is a web-based, artificially intelligent assessment and learning system that quickly and accurately assesses a student's level of mathematic proficiency. ALEKS provides the advantages of one-on-one instruction, 24/7, from virtually any webbased computer. Upon completion of the initial diagnostic assessment, a customized learning plan will be generated for each student. Students will be able to complete their learning plan prior to taking the mandatory on-campus Math Placement Exam during New Student Orientation. The MPE results will determine math course eligibility and placement. Academic Advisers will be available during New Student Orientation to answer questions regarding major/program requirements.

Students meeting the following criteria are exempt from the Math Placement Exam:

- Score of "3" on the Advanced Placement (AP) Calculus AB exam – eligible to enroll in Calculus I
- Score of "4" or higher" on the Advanced Placement (AP) Calculus AB exam – will earn credit for Calculus I
- Score of "3" on the Advanced Placement (AP) Calculus BC exam – will earn credit for Calculus I, eligible to enroll in Calculus II
- Score of "4 or higher" on Advanced Placement (AP) Calculus BC exam – will earn credit for Calculus I and Calculus II

## World Language Placement

The Language Placement Examination (LPE) is administered to students who intend to continue enrollment in a language for which they earned high school credit.

The LPE is administered through AVANT's Placement Assessment program. AVANT's Placement Assessment is a web-based, artificially intelligent assessment and learning system that quickly and accurately assesses a student's level of language proficiency in Arabic, Chinese (Traditional and simplified), Spanish, French, German, and Japanese. AVANT provides the advantages of grouping and placing students, 24/7, from any web-based computer. AVANT's Placement Assessments are quick, convenient, and engage students with real-world content in Reading, Contextualized Grammar, Writing, and Speaking.

The **LPE** must be taken prior to enrollment/registration, or no later than the first week of class. Exceptions can be made through Study Abroad, Transferred Credits, and/or further placement testing. All language courses must be taken in proper sequence (e.g. "Language" 001, "Language" 002, "Language" 003, "Language" 004).

Exemptions from foreign language requirement will be made based on proctored placement examination taken on site at Howard University.

The LPE results will determine language course eligibility and placement. Academic Advisers will be available during New Student Orientation to answer questions regarding program requirements.

Students meeting the following criteria are exempt from the Language Placement Exam:

- Score of “3” on the Advance Placement (AP) Target Language exam – exempt from Languages 001-004.
- Score of “4” or “5” on the Advance Placement (AP) Target Language exam – Receive credit for Language 040.
- Score of “5” on the Advance Placement (AP) Target Language exam – Receive credit for Language 040 & Language 050.

The **LPE** results are valid for one academic year (two semesters). The Department of World Languages and Cultures has the right of final approval of the accuracy of placement. For additional information contact **Prof. Mercedes Tibbits** (mtibbits@howard.edu), Coordinator.

## Financial Information

### Office of the Bursar

Processes Remission of Tuition and all financial aid awards, except private funds given directly to the student. Authorizes payment of University-administered financial aid awards to a student’s account (e.g. loans, scholarships, grants, remission of tuition, grants). The Office of the Bursar also processes credit balances (aka “refund checks”) as well as refund and tuition adjustments; handles “special billing,” (e.g., the official billing (or invoicing) of Embassies or other appropriate agencies or organizations responsible for paying the educational expenses of particular students). This office is responsible for entering late charges, institutional residential, parking and library fines, to the account of the student who incurs same.

The Office of the Bursar processes promissory notes provided by the Office of Financial Aid for University Emergency loans. Initiates and Processes promissory notes for Direct Student Loans, Perkins Federal Loans, Health Professions —Medicine, Dentistry, Pharmacy, and Nursing loans, as well as long-term University loans. The office processes student deferment forms as well as repayment of University and Federal loans.

### Enrollment Fee

Admitted students who intend to enroll at Howard University pay a \$300 non-refundable enrollment fee by May 1st to secure their place in the class.

Housing Fee. Students are considered for housing once they have been accepted and have submitted an application for housing and a \$50 housing fee.

### Change of Program Fee

All charges for change of program that affect your enrollment status must be paid to avoid late charges. Students officially withdrawing, suspended, dropped, or decreasing or increasing their credit hours after the registration period may expect to have charges for tuition and fees adjusted on a prorated basis.

## Expenses & Financial Aid

### Costs

Educational costs depend on a student’s program of study, the number of hours enrolled and living expenses. Costs for full-time tuition and fees vary based on a student’s school/college and program. Students will not be allowed to receive financial aid in excess of their cost of attendance, regardless of the sources of funds. This includes, but is not limited to: federal, state, institutional, donor or external grants, gifts and scholarships. Current information about the University’s tuition and fees is available at <http://www.howard.edu/studentfinancialservices/accounts/tuitionandfee.htm>.



## Financial Aid

Financial aid assists with offsetting educational expenses. The federal and state governments, as well as post-secondary schools, are public sources of aid, while civic groups, clubs, and religious organizations serve as private sources of aid. Financial aid is classified into three basic types: 1) grants and scholarships are 'gift aid' which are funds awarded that are not required to be repaid; employment is work, either on or off campus that you find through campus student employment services or on your own initiative; and a loan is monies borrowed from the federal or state government, the University or an alternative lender that must be repaid, including interest. Financial aid is distributed according to a variety of eligibility criteria within three categories: need-based aid and non-need-based aid and talent-based aid. Students are awarded need-based aid to assist in the difference between the total cost to attend the University full time and the amount of their family's contribution as determined by the federal government. Non-need based aid may be used to replace the family contribution if a student meets the necessary eligibility criteria, which may vary depending on the program and is generally based on merit (e.g. GPA). Talent-based aid is usually awarded via University-sponsored programs.

Financial aid is awarded based on financial need. At Howard University, more than half of all students receive some form of financial aid. The total amount of financial aid (need and non-need based) awarded to a student cannot exceed his or her total educational costs. Individual program requirements vary and funds are limited, therefore a student's total financial need may not always be met.

### Most programs require that a student:

1. Is a U.S. citizen or eligible non-citizen and have a valid social security number. (Individuals in the U.S. on F1, F2, J1, and J2 visas are ineligible).
2. Be enrolled at least half-time in an eligible degree or certificate program.
3. Demonstrates financial need as determined by review of the Free Application for Federal Student Aid (FAFSA).
4. Not be indebted to any institution for repayment of any federal grant (Pell or SEOG) or in default on any federal loan (Perkins or Direct Loan).
5. Male students born after December 31, 1959 who are at least 18 years old are required to register with the Selective Service System.
6. Comply with the federal verification process, if necessary.

### Amount of Financial Aid Awards

The cost of attendance budget includes average amounts for all expenses to attend Howard University. These figures are based on the average living expenses in the Washington D.C. metropolitan area. Although many factors help to determine the amount a student receives, the financial aid award is based primarily on the student's demonstrated financial need.

A student's need is the difference between the cost of attendance and the amount students and their family are expected to contribute (EFC - expected family contribution). Once a student is admitted to the University, and his or her file is complete, the Office of Financial Aid will update the student's account which is viewable online via BisonWeb.

### What is a family's share?

A student and his or her family are primarily responsible for financing the student's education. They are expected to make a maximum effort to assist with college expenses. Students are also expected to contribute to their college expenses from sources that may include savings, summer earnings, monetary gifts from friends and relatives or other sources. Financial aid should be viewed as supplementary to the family's contribution.

## How is a family's share determined?

The income and asset information which a student (and his or her parents in the case of dependent students, or a spouse if married) provided on the FAFSA enables the U.S. Department of Education's Central Processing System (CPS) to determine the expected family contribution (EFC).

## Payment Information

### Payment in Full

All charges must be paid in full by the due date: Fall semester, July 1st and Spring semester, December 1st. Any outstanding balances will be assessed a \$100 late payment fee each month the balance remains and any other applicable late fees

### Installment Plan

Howard University offers several payment options for students and their families for the fall and spring semesters. Summer sessions must be paid in full at the time of registration. There are no payment plans or alternate payment options available for summer enrollment. Students and their families are provided with payment plan options each year which is subject to change. These payment options are generally provided via an online service who will accept most forms of debit/credit cards, wires, and electronic checks.

### Payment Methods

Payments may be made by credit card (Visa, American Express, MasterCard, Discover), cash, money order, cashier's check, certified check or wire transfer. A \$35.00 fee will be charged for all reversed credit card payments and returned checks. Subsequent checks will not be accepted. Checks and money orders should include the student's name and Howard University Identification Number.

## Minimum Credits Required for Financial Aid Eligibility

	Enrollment Status			
Fall/Spring Semester	Full Time	3/4 Time	1/2 Time	Less than 1/2 Time
Undergraduate	12	9	6	3

**Note: Audited courses cannot be included in meeting the minimum required credit hours toward eligibility.**

## Financial Aid Probation

If at the end of the semester a student is listed as being on PROBATION of any kind (e.g. Probation for Credits, Probation for Grades and Probation for Grades/Credits), the student is still eligible to receive aid for the next semester. A student's probationary status is a warning that he or she must meet all SAP criteria for any subsequent terms of attendance in order to maintain financial aid eligibility. A student does not need to appeal this status in order to receive aid. Financial aid probation will occur for a student's next academic semester of attendance if he or she fails to earn the minimum number of credits and/or the GPA required. Such students may continue to receive financial aid while on financial aid probation.

## Types of Financial Aid Suspension

Your financial aid eligibility will be suspended if you fail to earn the necessary credits or achieve the required GPA while on financial aid probation. At that time, you will no longer be eligible to receive financial aid to attend Howard University. To reinstate your financial aid eligibility, you must appeal to the Office of Financial Aid by the proposed deadline per semester. If a student's appeal is denied for whatever reason, they then may re-enroll and successfully complete the courses they have registered for at their own expense, at least for one semester. At the conclusion of that particular semester, students may then re-appeal to the Office of Financial

Aid explaining in a detailed type-written narrative to then request to have their aid reinstated. Students cannot receive financial aid if they do not meet the necessary criteria. Students who have been suspended consecutively will be ineligible for aid reinstatement until they have covered the courses they have registered for at their own expense. Students are more than welcome to seek other sources of funding that include alternative loans that do not consider SAP to be a criterion.

## Academic Suspension

You are not eligible to receive financial aid if you have been de-matriculated (academically suspended) from the University. When you have been readmitted by the University; a process students must complete with the Office of Admission, as a Former Student Returning, you must complete the SAP appeal process. Your financial aid eligibility status will be determined based on the SAP criteria and a thorough a review of your academic transcript.

## Exclusions

The following types of registration and grades cannot be used to fulfill probation, suspension or re-matriculation requirements: credits by special exam, Advanced Placement or CLEP exams, distance education or correspondence courses for which you have not obtained prior approval, audit, withdrawal, incomplete and zero credit courses.

## Appeal Process

You may appeal a financial aid suspension status by submitting a completed appeal packet to the Office of Financial Aid within 14 calendar days from the date of your notification. It is the responsibility of the student to follow up with their advisor as often as possible, throughout the semester, by checking their BisonWeb account for updates by checking their financial aid eligibility from one semester to the next, as well as their personal preferred email address for emails on pertinent deadlines and updates.

Types of suspension that **CAN BE** appealed by the appropriate deadline:

Suspension from the University - Student is academically suspended from the University.\*

Suspension for Credits - Student did not earn at least 70% of the credit hours attempted in the previous two (2) academic years.

Suspension for Grades\*\* - Student did not earn minimum GPA required for 'good standing' for previous two (2) years.

Types of suspension that **CANNOT** be appealed:

4 Year Undergraduate Suspension - Student has met or exceeded maximum degree timeframe (1.5 times the total minimum credit hours required for degree). 5 Year Undergraduate Suspension - Student has met or exceeded maximum degree time rame (1.5 times the total minimum credit hours required for degree) OR has more than 12 hours of incomplete credits.

SAP Appeal forms are available to suspended students via BisonWeb.

If you have failed to achieve SAP (Satisfactory Academic Progress) because of mitigating circumstances, your appeal packet must consist of the following:

- SAP appeal form with type of suspension indicated per your BisonWeb account,
- Detailed type-written narrative of what led to your suspension status, and explanation of what you intend to do to improve your plan of action, and:
- Copies of all supporting documentation attached.

Mitigating circumstances may include, but are not limited to extreme illness or injury, family crisis, or death of an immediate relative. The circumstances must be documented and will not be considered for approval without the supplemental documentation attached. Examples of documentation include medical

documentation, birth or death certificates, etc. Please do not submit letters of stipulation from your school/college along with your appeal documents. If at the end of an academic school year, you have found yourself to be suspended, you may appeal to have your current SAP status reviewed by attending a summer session at Howard University and increasing your GPA or earned credits and then appealing once those grades have been submitted to the Office of the Registrar. It will not be until the summer courses are updated to your account that an evaluation of your courses can be made. Please monitor your BisonWeb account for appropriate updates as well as the email address you have provided on your appeal form. Summer credits will count toward determining your maximum eligibility for the next school year. You must complete the appeal process at the end of the summer term. Summer credits will count toward determining your maximum eligibility for next school year.

Once your appeal has been received and reviewed by the Appeals Committee, you will receive written notification of the committee's decision by email to the address you have provided in your appeal packet. You will also notice the appropriate changes made to your award package on your BisonWeb account. **Note:** All incomplete appeals will be denied. All appeal decisions are final and the submission of a SAP appeal does not guarantee reinstatement of aid eligibility. **Students who are currently SAP suspended are strongly advised to create alternate financial plans in the event your appeal is denied.**

## Additional SAP Requirements

If you are listed as being SUSPENDED FROM THE UNIVERSITY, the appeal process is two-fold. Step 1: You must appeal to your school/college as well as Step 2: the Office of Financial Aid. It is your responsibility to stay abreast of deadlines. Stipulation letters do not ensure financial aid reinstatement and one is not contingent upon the other. For further inquiries please contact the Office of Financial Aid at <http://www.howard.edu/financialaid/contacts/staff-finaid.htm>

Although you may not be receiving financial aid, you will be evaluated for financial aid eligibility on the same basis as students who receive federal and state aid. Should you apply for aid, your eligibility will be based on your prior academic performance at Howard University.

- If you are enrolled in a dual degree program, you may appeal for an extension of the maximum time frame provision of this policy.
- If you are an undergraduate student pursuing a second degree, you may attempt an additional 48 credit hours to complete your second degree program, including prerequisite courses. Graduate/professional students may attempt an additional 24 credit hours.
- If you are a transfer student, your maximum eligibility will be reduced by the number of transfer credits accepted by Howard University.

Credits you have earned at foreign institutions will be included in your SAP evaluation provided they are applicable to the degree/program sought.

Courses in which you receive a grade of 'I' (incomplete) accompanied by a letter grade will be considered when evaluating your completion ratio and will influence your term and cumulative GPA. All attempted and earned credits are considered in maximum eligibility determination.

Courses in which you receive a grade of 'W' (withdrawal) do not earn credits or affect your GPA, but they will be considered when evaluating your maximum eligibility. You may retake courses from which you withdraw and those credits will count toward determining your enrollment status and completion ratio, provided you have not earned credit for the same course.

If you are enrolled in undergraduate remedial courses, credits attempted/earned will count toward determining your enrollment status, minimum credits earned and maximum eligibility.

If you take undergraduate courses while you are a graduate student, courses that are satisfactorily completed do not earn graduate credit or influence your graduate GPA, nor will they count toward determining your enrollment status or minimum credits earned at the graduate level.

All undergraduate and prerequisite courses are evaluated in SAP Maximum Eligibility.

If you are taking courses to earn professional licensure, you must be admitted to a degree program in order to receive financial aid. Students completing licensure courses and are not seeking a bachelor's, master's, or doctoral degree are not eligible for financial aid.

The credits earned from repeated courses will count toward the determining your enrollment status and maximum eligibility. However, for purposes of financial aid satisfactory academic progress, only credits adding to the cumulative credits earned will be accepted toward the required minimum number of credits earned per year.

If you attend a summer session and wish those credits/grades to be considered for your fall and spring total, you must complete the appeal process at the end of the summer term. Summer credits will count toward determining your maximum eligibility.

## Federal Financial Aid Unofficial Withdrawal Policy

Howard University is required by federal law to identify and report any student who has unofficially withdrawn from the University and is a recipient of federal student aid. As a result of this requirement, it is the policy of Howard University that all faculty members, by the end of the Mid-term of each semester, identify students who have never attended class. The faculty will be required to report this unofficial withdrawal data using the online Banner Web Grade Reporting System. A grade of "UW" (Unofficial Withdrawal) will be assigned to any student who stopped attending and participating in the course and did not officially withdraw. A grade of "NR" (Never Reported) will be assigned to any student who never attended or who stop attending without officially withdrawing will adversely affect their grade point averages through the failing grades they will earn at the end of the semester.

## Howard University Refunds and Adjustments of Title IV Funds

Students who withdraw from the University within the first 60% of the semester will receive an adjustment to their Student Financial Aid. This adjustment to a student's Financial Aid will be based on a percentage which represents the amount of time remaining in the semester and will be applied to the total institutional charges assessed to the student, as well as the Title IV financial aid applied to the student's account.

The percentage that represents the amount of time remaining in the semester shall be determined by dividing the total number of calendar days in the semester not completed by the student by the total calendar days in the semester. The total calendar days in the semester begins with the first day of classes, ends with the last scheduled day of exams, includes weekends, but excludes scheduled breaks of five or more days and days that the student was on an approved leave of absence. No adjustments will be made to a student's Financial Aid if the percentage representing the amount of time remaining in the semester is less than 40%.

The University will refund the amounts due from the University and the student to the appropriate Title IV program in the following order:

- Unsubsidized Federal Stafford Loans
- Subsidized Federal Stafford Loans
- Unsubsidized Federal Direct Stafford Loans
- Subsidized Federal Direct Stafford Loans
- Federal Perkins Loan

- Federal PLUS Loans Federal Direct PLUS Loans

If unearned funds remain to be returned after repayment of all outstanding loan amounts, the remaining excess must be credited to any amount awarded for the payment period of enrollment for which a return of funds if required in the following order:

- Federal Pell Grants
- Federal SEOG
- Other grants or loan assistance authorized by Title IV of the HEA.

The University will assume the responsibility for making the appropriate refunds to the Title IV programs for overpayments received by the student, as well as overpayments received by the University. It is the responsibility of the student to pay the University for these overpayments within 90 days of the date that the student withdrew from the University. Failure to repay the University the amounts of the overpayments will jeopardize the student’s eligibility for further Title IV financial assistance at Howard University as well as other institutions of higher education.

## Schedule of Financial Adjustments and/or Refunds

Students who make changes to their academic program after the first day of instruction may be subject to adjusted or prorated tuition and fees. The adjustment periods and corresponding fee changes are listed in the University Calendar.

If the University cancels a students’ registration, the refund is 100%. Please also note that the above refund policies apply to total semester charges. If a due date falls on Saturday, Sunday, or a holiday, the next business day shall be the deadline that will apply.

**NOTE: THE ENROLLMENT FEE IS NON-REFUNDABLE.**

## Cost of Attendance 23-24

### 2023 – 2024 Undergraduate Cost of Attendance

The cost of attendance (COA) is an average estimate of what it costs a typical undergraduate student to attend Howard University for one academic year. Your cost of attendance estimate doesn't only include tuition. It also takes basic living and commuting expenses into account. The actual amount you pay, and the amount it costs you for one academic year will always differ from the cost of attendance.

A typical Howard University undergraduate student living on campus and taking a full load of classes might have the following cost of attendance for the 2023-2024 school year:

### UNDERGRADUATE ON-CAMPUS

#### Direct Cost Estimate

Description	Costs
Tuition(1)	\$30,584
Mandatory Fees(2)	\$466
Housing	\$10,262
Meal Plan	\$5,618
<b>Subtotal</b>	<b>\$46,930</b>

#### Indirect Cost Estimates

Books and Supplies	\$1,360
Transportation	\$1,000
Personal/Misc Expenses	\$2,160
<b>Total</b>	<b>\$51,450</b>

If a family/student opts to take out a loan, federal fees are associated with doing so. (Note the fees shown are estimates and may be more or less.)

Direct Stafford - Loan Fees	\$36
Direct Parent PLUS - Loan Fees	\$1,038
<b>Estimated Cost of Attendance</b>	<b>\$52,524</b>

1. Based on full-time enrollment per semester. The estimated cost per credit hour is \$1,274.00.
2. Subject to change each academic year.

## UNDERGRADUATE OFF-CAMPUS

### Direct Cost Estimates

Description	Costs
Tuition	\$30,584
Mandatory Fees	\$466
Housing	\$12,484
Meal Plan	\$5,896
<b>Subtotal</b>	<b>\$49,430</b>

### Indirect Cost Estimates

Books and Supplies	\$1,360
Transportation	\$2,726
Personal/Misc Expenses	\$6,010
<b>Total</b>	<b>\$9,526</b>

If a family/student opts to take out a loan, federal fees are associated with doing so. (Note the fees shown are estimates and may be more or less.)

Direct Stafford - Loan Fees	\$36
Direct Parent PLUS - Loan Fees	\$1,038
<b>Estimated Cost of Attendance</b>	<b>\$60,600</b>

1. Based on full-time enrollment per semester. The estimated cost per credit hour is \$1,274.00.
2. Subject to change each academic year.

## UNDERGRADUATE AT-HOME

### Direct Cost Estimates

Description	Costs
Tuition	\$30,584
Mandatory Fees	\$466
Housing	\$5,132
Meal Plan	\$5,618
<b>Subtotal</b>	<b>\$36,880</b>

### Indirect Cost Estimates

Books and Supplies	\$1,360
Transportation	\$1,000
Personal/Misc Expenses	\$2,160
<b>Total</b>	<b>\$46,320</b>

If a family/student opts to take out a loan, federal fees are associated with doing so. (Note the fees shown are estimates and may be more or less.)

Direct Stafford - Loan Fees	\$36
Direct Parent PLUS - Loan Fees	\$1,038
<b>Estimated Cost of Attendance</b>	<b>\$47,394</b>

1. Based on full-time enrollment per semester. The estimated cost per credit hour is \$1,274.00.
2. Subject to change each academic year.

[2023-2024 Estimate Cost of Attendance Website](#) - For additional information.

# Explanation of Fees

**Direct costs** are items that will appear on your University bill, such as tuition, fees, and room and board (if you live on campus). This is the cost of a Howard University education.

**Indirect costs** will not appear on your bill, but are estimated costs associated with going to college and should be included in your budget. These include items like books, transportation and personal/miscellaneous expenses.

## Detailed descriptions of direct and indirect costs

**Direct Costs** that appear on your bill from Howard University:

**Tuition and Fees:** These figures reflect the cost of tuition and fees for a student taking 12-18 credits during each of the fall and spring semesters of the respective academic year (which is considered full-time).

**Housing and Meals:** The number reflected here is the cost of the most popular meal plan chosen by students who live on campus.

University Mandatory Fees (Breakdown)

- Student Activity- includes student activities, campus health services and other benefits.
- Self Help Fee- student voted fee to establish the student Self Help Emergency Fund. Available for all currently enrolled students.
- Endowment Fee- student voted fee to participate in increasing the University's endowment fund.
- Technology Fee- for use of university email, labs, IT services, etc.
- Globalization Fee - funds used at the schools' discretion to finance the study abroad program. \*\*
- Fee charged in the Fall semester for Undergraduate students only.
- Excess Tuition Fee- assessed if students exceed the maximum allowable credits as determined by each school.
- Orientation Fee- non-refundable mandatory fee for all First Time in College & New Transfers. Funds will be used to offset expenses related to orientation materials, including but not limited to HU backpacks, meals during the one-day session, rental fees, printing, etc. \*\* \$200 fee will be assessed upon students initial term at the University.
- Graduation Fee - covers the cost of the diploma including mailing fees and other expenses associated with graduation.

External Med USMLE Board Exam - Fee (MED) – covers costs associated with taking the United States Medical Licensing (USMLE) Exam.

Medicine Mandatory Fee - covers association membership, disability insurance, standardized patient usage, simulation lab usage, and computer program / clinical software.

Dentistry Mandatory Fee – covers association membership, disability insurance, books, instruments, central materials, simulation lab usage, and clinical software.

CIF Exam Fee (DENT) - covers costs associated with taking the Curriculum Integrated Format (CIF) Exam.

Nursing & Allied Health Sciences Mandatory Fee – covers ExamSoft, MedHub, simulation lab usage, association membership, lab supplies, e-books, assessment software, board exam preparation, and credentialing fee.



Pharmacy Mandatory Fee – covers CPR training, Medication Therapy Management Training, Immunization Certification Training, ExamSoft, clinical lab usage, technology support for classrooms and labs, and simulation lab usage.

Communications Mandatory Fee – covers lab supplies and production expenses. Law Mandatory Fee – covers technology use and student activities.

Social Work Mandatory Fee – covers student professional development activity expenses. Divinity Mandatory Fee – covers technology use and student activities costs.

Graduate Certificate Program Fee (GRAD) – covers less than the actual direct cost for administering the program but is offered to students as a credentialing opportunity. It provides educational and support facilities for graduate students, faculty, and support staff to cover materials, travel, or other special costs above normal certificate tuition costs. The fee also offsets cost associated with registration, record keeping and graduation. This fee is separate from the one-time enrollment fee required by the Office of Enrollment Management. The revenue also provides the resources to design, develop, and offer new certificate programs and co-curricula activities. The fee assessed by the Graduate School covers, but not limited to costs associated with: printing for course packs, handouts, etc; technology and research course materials; payment of certificate program directors; and payment of adjunct graduate faculty.

Graduate Development Fee (GRAD) - helps defray associated costs based on the actual usage of an individual student that are not reflected in the regular tuition cost. The fee is assessed to help pay a small portion of the university's overall acquisition and dissemination of resources to registered graduate students. The development fee is used but is not limited to: Providing graduate student with assistance with specific technology costs that may not be supported by the University tuition for specific research and classroom purposes; Assisting with additional classroom instructional costs; Providing expanded computer and research lab expenses; Assisting with conference travel costs and registration both nationally and internationally; Assisting with cost associated with workshops and presentations; Providing professional development programming to graduate students; Providing students with an opportunity to participate in cultural, social, educational, and recreational events throughout the academic year; and Providing biomedical and STEM students with laboratory materials and other research-related expenses.

**Indirect Costs** that DO NOT appear on your bill from Howard University:

**Books and Supplies:** This is an estimate of the cost of books and supplies for a typical student for the entire academic year. You will not be billed directly by Howard University for books or supplies. You can purchase these items at the University's Barnes & Noble bookstore. The supply cost assumes that students do not have a computer, and allows for a student to purchase a personal computer.

**Transportation:** This is an estimate of the cost of traveling to and from campus or the cost of operating and maintaining a vehicle. The cost also assumes 3 round trips bus/plane tickets to and from campus to your family's home. Unless you buy a Howard University parking permit, you will not be billed directly for transportation costs. This line item will not appear on your bill.

**Personal Expenses:** This is an estimate of costs for clothing, haircuts, entertainment, etc. for the year. Money spent on these types of items will vary from student to student. These items will not appear on your Howard University bill.

**Average Loan Fees:** There is an origination fee of 1.059% for Federal Direct Subsidized and Unsubsidized student loans, which is taken out of the loan before funds are sent to Howard University. Some of our parents opt to take advantage of the Parent PLUS loan. The fee amount varies with the amount borrowed from the federal government.

# Official Notice of Student Charges 23-24

## Academic Year 2023-2024

Howard University hereby announces the tuition rates, housing rates, meal plan rates, and student fees for the 2023-24 Academic Year.

In announcing the student charges for the academic year, Howard University wishes to emphasize that Howard's tuition remains low compared to other private universities in the D.C. region, and compared to other similarly ranked private universities in the U.S. overall. Student charges at Howard also compare favorably to student charges at other Historically Black Colleges and Universities (HBCUs).

This notice details all the approved tuition rates and other student charges that have been approved and/or reaffirmed by Howard University's Board of Trustees.

For the 2023-24 academic year, the Board has approved the following changes in student charges:

- A 7.5% increase in undergraduate tuition
- Establishing the undergraduate per credit hour rates calculations to equal 1/12th of the full-time undergraduate tuition rate
- Amending the previously approved Summer 2022 undergraduate per credit hour rate to equal the current AY2021-22 undergraduate per credit hour rate
- Eliminating the Student Health Insurance Fee as a mandatory fee
- A 20% increase in the mandatory Technology Fee
- School-specific tuition and fees adjustments as listed herein
- An average 3% increase in housing rates
- An average 3.8% increase in dining rates

All other student fees, including school and course-specific fees, have been reaffirmed.

### Tuition and Enrollment Related Fees – General Information

**Pricing** - Tuition is based on (a) the enrollment status of the student, (b) the semester, and (c) the school or college attended.

#### Enrollment Status

- Full-time status is when a student is enrolled in a minimum of 12 credits in the fall AND spring semester.
- Part-time status is when a student is enrolled in less than 12 credits in the fall OR spring semester.

#### Semesters

Tuition is based on the semester, and the student's enrollment status.

- For full time students: a flat rate tuition is charged. Included in the tuition is a total of 42 credits that may be taken throughout the academic year, which includes the fall, spring, and (if eligible) summer semesters.
  - For the fall and spring semesters: tuition covers between 12 – 21 credits. Credits taken above the maximum of 21 credits are charged an additional amount, based on the full-time excess credit rate.
  - For summer semester:
    - If a student qualifies for the STAGE award, up to 6 credits are included, based on payment in full of full-time fall and spring tuition, as well as other criteria set forth in the STAGE award program. Credits that are ineligible for the STAGE award are charged based on the summer semester credit rate.

- If a student does not qualify for the STAGE award, then the summer semester credit rate is used per credit taken.
- For part time students:
  - For fall and spring semester: a part time credit rate is applied to credits taken.
  - For summer semester: a summer semester credit rate is applied to credits taken.

### Application of Payments to Student Charges

When a student submits a payment to their student account, payments are applied in order based on a hierarchy of charges, as follows:

1. Tuition
2. Fees
3. Housing
4. Meal Plan
5. Parking

### Application Fees and Good Faith Enrollment Deposits

Howard University requires the following non-refundable out-of-pocket deposits for enrollment. These deposits are credited to the charges on a student’s account once the student is actively enrolled:

Charge Description	Unit Charge	Cost (\$)
University Application Fee		
Undergraduate	Application	\$45.00
Graduate	Application	\$75.00
Undergraduate Programs		
Enrollment Fee	Acceptance into Program	\$300.00
Graduate Programs		
Enrollment Fee	Acceptance into Program	\$300.00
College of Dentistry		
Good Faith Deposit	Acceptance into Program	\$700.00
Enrollment Fee	Acceptance into Program	\$300.00
College of Medicine		
Good Faith Deposit	Acceptance into Program	\$100.00
Enrollment Fee	Acceptance into Program	\$300.00
College of Pharmacy		
Good Faith Deposit	Acceptance into Program	\$700.00
Enrollment Fee	Acceptance into Program	\$300.00
Executive MBA Program		
Good Faith Deposit	Acceptance into Program	\$200.00
Enrollment Fee	Acceptance into Program	\$300.00
School of Law		
Good Faith Deposit	Acceptance into Program	\$200.00
Enrollment Fee	Acceptance into Program	\$300.00
Transfer Students		
Enrollment Fee	Acceptance into Program	\$300.00

### University Wide Fees

The following are mandatory fees applied to all students unless otherwise noted.

Charge Description	Unit Charge	Cost
Orientation Fee	First Semester Only	\$200
Graduation Fee	Last Semester Only	\$100
Student Activity Fee	Per Semester	\$63

Endowment Fee	Per Semester	\$15
Student Self-Help Fund Fee	Per Semester	\$5
Technology Fee	Per Semester	\$150

### Description of University-Wide Fees

- Enrollment Fee: A fee to fund enrollment related expenses.
- Orientation Fee: A fee to fund expenses related to activities and programs during orientation.
- Graduation Fee: A fee to pay for graduation related activities, materials, and programs.
- Student Activity Fee: A fee to fund student activities. This fee will not increase unless a change is requested and ratified under the procedures established by the Howard University Student Association.
- Endowment Fee: A student-voted fee to contribute to the University Endowment.
- Student Self-Help Fund Fee: A student-voted fee to establish a Student Self Help Emergency Fund. Available for all currently enrolled students.
- Technology Fee: A fee to fund use of university email, IT labs, and other IT services.

### Tuition and Fee Charges

Howard University is composed of 14 school and colleges, listed below.

1. College of Arts and Sciences
2. College of Dentistry
3. College of Engineering & Architecture
4. College of Medicine
5. College of Nursing & Allied Health Sciences
6. College of Pharmacy
7. Graduate School
8. School of Business
9. School of Communication
10. School of Divinity
11. School of Education
12. School of Law
13. School of Social Work
14. College of Fine Arts

Of these schools, five offer undergraduate degrees. While undergraduate tuition rates are uniform across the schools and colleges, graduate tuition may differ by program. Furthermore, each school or college has its own fees that support its curriculum, instructional programs, and related provided services.

In the subsequent subsections, tuition and fees are presented by college or school.

### Undergraduate Tuition Charges

The following tuition rates apply to all undergraduate programs at Howard University.

#### *Degree Programs*

Charge Description	Unit Charge	Cost (\$)
Full Time Tuition	Per Semester	\$14,225
Full Time Excess Credit Rate	Per Credit Hour	\$758
Part Time Credit Rate	Per Credit Hour	\$1,185
Summer Credit Rate	Per Credit Hour	\$1,185

## *Undergraduate Certificate Programs – College of Dentistry*

Charge Description	Unit Charge	Cost (\$)
Certificate in Dental Hygiene Program	Per Semester	\$14,225

## **School and College Specific Charges**

### **College of Arts and Sciences**

#### *Graduate Programs*

Charge Description	Unit Charge	Cost (\$)
Master of Fine Arts	Per Semester	\$16,930
Master of Music	Per Semester	\$16,930
Part Time Credit Rate	Per Credit Hour	\$1,838
Summer Credit Rate	Per Credit Hour	\$1,838

#### *General Fees*

Charge Description	Unit Charge	Cost (\$)
Undergraduate Globalization Fee	First Semester	\$100

#### *Course Related Fees*

Charge Description	Unit Charge	Cost (\$)
ARTD105 Typography I	Per Course	\$75
ARTD106 Design for Advertising I	Per Course	\$75
ARTE080 Computers in the Arts	Per Course	\$75
BIOL 441 Endocrinology	Per Course	\$75
BIOL 450 Molecular Biology	Per Course	\$75
BIOL101 General Biology I	Per Course	\$75
BIOL102 General Biology I	Per Course	\$75
BIOL200 Genetics	Per Course	\$75
BIOL220 Gen Microbiology	Per Course	\$75
BIOL230 Ecology	Per Course	\$75
BIOL310 Cell Bio-Histology	Per Course	\$75
BIOL320 Molecular Biology	Per Course	\$75
BIOL341 Animal Physiology	Per Course	\$75
BIOL344 Plant Physiology	Per Course	\$25
BIOL390 Plant Physiology	Per Course	\$75
BIOL406 Exper Parasitology	Per Course	\$75
BIOL407 Ichthyology	Per Course	\$75
BIOL409 Animal Behavior	Per Course	\$75
BIOL416 Adv Cytology	Per Course	\$75
BIOL425 Path Bacteriology	Per Course	\$75
BIOL426 Food Microbiology	Per Course	\$75
BIOL430 Biostatistics	Per Course	\$75
BIOL449 Pop Genetics	Per Course	\$75
CHEM005 General Chemistry	Per Course	\$75
CHEM006 General Chemistry	Per Course	\$75
CHEM092 Special Lab Projects	Per Course	\$100
CHEM093 Special Lab Projects	Per Course	\$100
CHEM105 Techniques Inorg. Chemistry Lab	Per Course	\$100
CHEM123 Analytical Chemistry Lab	Per Course	\$100
CHEM127 Instrumental Analytic Lab	Per Course	\$100

CHEM145 Organic Chemistry Lab	Per Course \$100
CHEM157 Biochemistry Survey Lab	Per Course \$100
CHEM173 Physical Chemistry	Per Course \$100
CHEM174 Physical Chemistry	Per Course \$100
CHEM182 Chem for Health Sci	Per Course \$100
CHEM183 Chem for Health Sci	Per Course \$100
CHEM745 Organic Chem Lab (Writing)	Per Course \$100
PHYS001 General Physics	Per Course \$75
PHYS002 General Physics II	Per Course \$75
PHYS015 Phys For Health Serv	Per Course \$75
PHYS023 Phys For Sci & Eng. I	Per Course \$75
PHYS024 Phys For Sci & Eng. II	Per Course \$25
PHYS025 Phys For Sci & Eng. III	Per Course \$75
PHYS176 Optics	Per Course \$25
PHYS702 Exper. Physics I (Writ)	Per Course \$25
PSYC051 Exper. Psychology	Per Course \$25

## College of Dentistry

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
Doctor of Dental Surgery (DDS)	Per Semester	\$21,316
International Dentist Program	Per Semester	\$26,354
International Dentist Program	Summer Term	\$10,542
Certificate in Orthodontics	Per Semester	\$21,316
Certificate in Pediatric Dentistry	Per Semester	\$21,316
Certificate in Advanced Education in General	Per Semester	\$3,705
Dentistry (AEGD)		
5th Year DDS per Credit Rate	Per Credit Hour	\$927

The following programs are hired and funded through Howard University Hospital (HUH). They are not issued student identification numbers and do not register for courses with Howard University College of Dentistry.

- Oral & Maxillofacial Surgery (Graduate / Residency Certificate)
- General Practice Residency (Graduate/Residency Certificate)

### Undergraduate Fees (Dental Hygiene)

Charge Description	Unit Charge	Cost (\$)
Undergraduate Globalization Fee	First Semester	\$100.00
Disability Insurance Fee/Dentistry	Fall Semester	\$108.00

### Graduate Fees

Charge Description	Unit Charge	Cost (\$)
Books & Instruments/DN1	Fall Semester	\$5,550
Books & Instruments/DN1	Spring Semester	\$7,354
Books & Instruments/DN2	Fall Semester	\$5,830
Books & Instruments/DN2	Spring Semester	\$5,120
Books & Instruments/DN3	Fall Semester	\$5,428
Books & Instruments/DN4	Fall Semester	\$1,950
Books & Instruments/IDP3	Summer Term	\$7,322
Books & Instruments/IDP4	Fall Semester	\$1,572
Association Fee/Dentistry	Fall Semester	\$160
Disability Insurance Fee/Dentistry	Fall Semester	\$108

Central Materials D1	Spring Semester	\$450
Central Materials D2/D3/D4/IDP	Per Semester	\$1,375
Central Materials AEGD Residents	Per Semester	\$500
Central Materials Post-Doc Ortho and Pedo Students	Per Semester	\$1,000
Medicine Simulation Lab Fee D2	Fall Semester	\$300
eHuman Software Applications D1	Fall Semester	\$391

## College of Engineering & Architecture

### General Fees

Charge Description	Unit Charge	Cost (\$)
Undergraduate Globalization Fee	First Semester	\$100
Master of Architecture Technology	Per Semester	\$125

### Course Related Fees

Charge Description	Unit Charge	Cost (\$)
COMP001 Life Science	Per Course	\$75
COMP002 Planetary Science	Per Course	\$15
COMP004 Computer & Society 1	Per Course	\$15
COSD241 A & P of Sp Hear Mech	Per Course	\$50
COSD372 Lab Instrument	Per Course	\$50
COSD464 Clinical Pract	Per Course	\$100
COSD561 Neuroana & Neuphys	Per Course	\$50
COSD531 Clinical Practicum	Per Course	\$150
COSD533 Clinical Practicum III	Per Course	\$150

## College of Medicine

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
Doctor of Medicine Program (M.D.)	Per Semester	\$23,053
Part Time Credit Rate	Per Credit Hour	\$1,806
Summer Directed Study Program	Summer Term	\$600

### General Fees

Charge Description	Unit Charge	Cost (\$)
Association Fee	Academic Year	\$42
Comprehensive Fee	Per Semester	\$252
Disability Insurance Fee	Per Semester	\$39
Computer Program Fee	Academic Year	\$50
Standard Patient Fees	Academic Year	\$300
Simulation Lab Fee	Academic Year	\$300

## College of Nursing & Allied Health Sciences

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
Doctor of Physical Therapy	Per Semester	\$17,774
Doctor of Physical Therapy (Online)	Per Semester	\$17,774
Doctor of Occupational Therapy (OTD)	Per Semester	\$17,774
Post Professional Degree in Occupational Therapy	Per Credit Hour	\$1,080

(Online)

Post-Professional Degree in Physical Therapy	Per Credit Hour \$1,804
Master of Science in Occupational Therapy	Per Semester \$16,774
Master of Science in Nursing	Per Credit Hour \$1,615
Family Nurse Practitioner Certificate Program	Per Credit Hour \$1,615
Full Time Excess Credit Rate	Per Credit Hour \$1,165
Part Time Credit Rate	Per Credit Hour \$1,615
Summer Credit Rate	Per Credit Hour \$1,615

### *Undergraduate Fees – All Students*

Charge Description	Unit Charge	Cost (\$)
Undergraduate Globalization Fee	First Semester	\$100
CNAHS Examsoft Years 2-4	Per Semester	\$60
CNAHS Medhub Years 2-4	Per Semester	\$55
Simulation Lab Fee Years 3-4, <i>Excl. Health Management and Health Sciences Tracks</i>	Per Semester	\$150

### *Undergraduate Fees – By Program Track*

Charge Description	Unit Charge	Cost (\$)
Health Management Professional Fee	Fall Semester	\$35
Nursing - Electronic Bundle Year 3	Per Semester	\$190
Nursing - Lab Supplies Year 3	Fall Semester	\$100
Nursing - Simulation Year 3	Per Semester	\$110
Nursing - Assessment Technology Years 3-4	Per Semester	\$170
Nursing - Electronic Bundle Year 4	Per Semester	\$240
Nursing - Exam Preparation Year 4	Per Semester	\$125
Nursing - Simulation Year 4	Fall Semester	\$165
Nutritional Science – Professional Fee	Fall Semester	\$200
Physical Therapy – Professional Fee (DC)	Fall Semester	\$25
Physical Therapy - Professional Fee (National)	Per Semester	\$80
Radiation Therapy - Prof Fee	Fall Semester	\$75
Radiation Therapy - Lab Fee Years 3-4	Per Semester	\$190

### *Graduate Fees – All Students*

Charge Description	Unit Charge	Cost (\$)
CNAHS Examsoft (Medhub)	Per Semester	\$55

### *Graduate Fees by Program Track – All Students*

Charge Description	Unit Charge	Cost (\$)
Nursing - Graduate Simulation Yr. 1	Fall Semester	\$270
Nutritional Science – Professional Fee	Fall Semester	\$200
Occupational Therapy - Lab Fee	Per Semester	\$150
Occupational Therapy – Professional Fee	Fall Semester	\$200
Physical Therapy - Prof Fee: APTA DC Chapter	Fall Semester	\$25
Physical Therapy - Prof Fee: APTA Nat'l Chpt.	Per Semester	\$80
Physical Therapy – Professional Fee	Per Semester	\$125
Radiation Therapy - Credentialing Fee Yr. 4	Spring Semester	\$200

### *Course Related Fees*

Charge Description	Unit Charge	Cost (\$)
Nursing - Family Nurse Review	Graduating Year	\$425



Nutritional Science – Dietetics Lab Fee Per Course	\$100
Physical Therapy - Lab Fee Per Course	\$100

## College of Pharmacy

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
Doctor of Pharmacy (PharmD)	Per Semester	\$15,421
Doctor Non-Traditional (Online)	Per Semester	\$12,953
Part Time Credit Rate	Per Credit Hour	\$1,440
Summer Credit Rate ( <i>non-standard courses only</i> )	Per Credit Hour	\$1,715

### Doctor of Pharmacy (PharmD) Fees

Charge Description	Unit Charge	Cost (\$)
CPR Training Year 1	Spring Semester	\$85
Medication Therapy Management Year 3	Spring Semester	\$135
Pharmacy Board Prep Fee Year 4	Per Semester	\$300
Pharmacy Clinical Lab Fee Year 1-3	Per Semester	\$134
Pharmacy Immunization Certificate Year 2	Fall Semester	\$135
Professional Fee	Per Semester	\$200
Simulation Fee (Lab Fee) Year 2	Fall Semester	\$300
Simulation Fee (Standard Patient Fee) Year 2	Spring Semester	\$300
Simulation Fee (Lab Fee) Year 3	Fall Semester	\$300
Simulation Fee (Standard Patient Fee) Year 3	Spring Semester	\$300

## Graduate School

For a complete list of master and doctoral programs offered by the Graduate School, please visit <https://gs.howard.edu/>

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
Full Time Doctoral Programs	Per Semester	\$16,930
PhD Candidate Tuition	Per Semester	\$2,812
Full Time Master Programs	Per Semester	\$16,930
Master in Public Health	Summer Term	\$16,930
Part Time Credit Rate	Per Credit Hour	\$1,838
Summer Credit Rate	Per Credit Hour	\$1,838

### General Fees

Charge Description	Unit Charge	Cost (\$)
Graduate Development Fee	Per Semester	\$125

### Graduate Certificate Program Fees

Charge Description	Unit Charge	Cost (\$)
Graduate Certificate Program Fee	Per Semester	\$400

## School of Business

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
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Master of Accountancy		
Option 1: Summer Start		
Summer Tuition	Summer Term	\$7,000
Academic Year	Per Semester	\$16,500
Part-Time Credit Rate	Per Credit Hour	\$1,700
Option 2: Fall Start		
Academic Year	Per Semester	\$20,000
Part-Time Credit Rate	Per Credit Hour	\$1,700
Master of Science in Finance		
Option 1: Summer Start		
Summer Tuition	Summer Term	\$7,000
Academic Year	Per Semester	\$16,500
Part-Time Credit Rate	Per Credit Hour	\$1,700
Option 2: Fall Start		
Academic Year	Per Semester	\$20,000
Part-Time Credit Rate	Per Credit Hour	\$1,700
Master of Business Administration Program	Per Semester	\$17,508
MBA Full Time Excess Credit Rate	Per Credit Hour	\$1,308
MBA Part Time Credit Rate	Per Credit Hour	\$1,895
MBA Summer Credit Rate	Per Credit Hour	\$1,895
Executive Master of Business Administration	Per Semester	\$13,180
EMBA Part Time Credit Rate	Per Credit Hour	\$1,900
Online MBA Program		
MBA Part Time Credit Rate	Per Credit Hour	\$1,895
Online EMBA Program	Per Semester	\$13,180
EMBA Part Time Credit Rate	Per Credit Hour	\$1,900

### *General Fees*

Charge Description	Unit Charge	Cost (\$)
Undergraduate Globalization Fee	First Semester	\$100
Global Trilateral MBA Program Year 2 Spring Semester		\$5,000

## **School of Communications**

### *Graduate Programs*

Charge Description	Unit Charge	Cost (\$)
Master of Fine Arts in Film	Per Semester	\$15,654
Part Time Credit Rate	Per Credit Hour	\$1,700
Summer Credit Rate	Per Credit Hour	\$1,700

### *General Fees*

Charge Description	Unit Charge	Cost (\$)
Undergraduate Globalization Fee	First Semester	\$100
Undergraduate School of Comm. Lab Fee	Fall Semester	\$200
Graduate Certificate Program Fee	Per Semester	\$400
Graduate Development Fee	Per Semester	\$125
Graduate MFA Film Student Production Fee	Per Semester	\$750

### *Course Related Fees*

Charge Description	Unit Charge	Cost (\$)
JOUR201 Fund of Journalism	Per Course	\$35
JOUR202 Reporting & Writing	Per Course	\$35
JOUR301 Adver Rep Writing	Per Course	\$35

JOUR308 Copy Editing	Per Course	\$35
JOUR311 Bcast Journalism I	Per Course	\$10
JOUR312 Bcast Journalism II	Per Course	\$10
JOUR313 Newsvision Lab	Per Course	\$35
JOUR321 Adver Copy & Des	Per Course	\$35
JOUR322 Media Plan & Buy	Per Course	\$35
JOUR330 PR Writing I	Per Course	\$35
JOUR331 PR Writing II	Per Course	\$35
JOUR333 Cap Comm Lab	Per Course	\$35
RTVF111 Intro Mass Comm	Per Course	\$35
RTVF211 Survey of Comm Res	Per Course	\$35
RTVF213 Hist Of BCast & Film	Per Course	\$35
RTVF215 Comm Policy	Per Course	\$35
RTVF231 Intro to Media Prod	Per Course	\$30
RTVF232 Basic TV & Film Prod	Per Course	\$65
RTVF322 Radio Production	Per Course	\$30
RTVF324 Bcast Announcing	Per Course	\$65
RTVF326 Videography	Per Course	\$65
RTVF331 TV Directing	Per Course	\$65
RTVF334 Scriptwriting	Per Course	\$65
RTVF342 Cinematography	Per Course	\$65
RTVF346 Blacks in Film	Per Course	\$65
RTVF352 Bcast Adv & Sales	Per Course	\$35
RTVF423 Adv Radio	Per Course	\$65
RTVF431 Adv Radio Prod	Per Course	\$65
RTVF441 Documentary Film	Per Course	\$65
RTVF443 Film Directing	Per Course	\$65
RTVF451 Bcast Mgmt	Per Course	\$35

## School of Divinity

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
Doctor of Ministry	Per Semester	\$9,495
Master of Divinity	Per Semester	\$9,495
Master of Arts in Religious Studies	Per Semester	\$9,495
Full Time Excess Credit Rate	Per Credit Hour	\$755
Part Time Credit Rate	Per Credit Hour	\$1,055
Summer Credit Rate	Per Credit Hour	\$980

### General Fees

Charge Description	Unit Charge	Cost (\$)
Student Service Fee	Per Semester	\$75

## School of Education

### Graduate Programs

Charge Description	Unit Charge	Cost (\$)
Doctor of Education	Per Semester	\$15,272
Master of Education	Per Semester	\$15,272
Part Time Credit Rate	Per Credit Hour	\$1,696
Summer Credit Rate	Per Credit Hour	\$1,696

### General Fees

Charge Description	Unit Charge	Cost (\$)
Undergraduate Globalization Fee First Semester		\$100

### *Course Related Fees*

Charge Description	Unit Charge	Cost (\$)
HUDE322 Testing Lab Fee Per Course		\$66
HUDE429 Testing Lab Fee Per Course		\$21
HUDE432 Testing Lab Fee Per Course		\$40

## **School of Law**

### *Graduate Programs*

Charge Description	Unit Charge	Cost (\$)
Juris Doctor (JD) Per Semester		\$17,672
Master of Laws (LLM) Per Semester		\$17,672
Part Time Credit Rate Per Credit Hour		\$1,907
Summer Credit Rate Per Credit Hour		\$1,907

### *General Fees*

Charge Description	Unit Charge	Cost (\$)
Computer Lab Fee Per Semester		\$75

### *JD Program*

Charge Description	Unit Charge	Cost (\$)
Law Admin Fee – Year 1 Per Semester		\$250
Law Admin Fee – Year 2 Per Semester		\$250
Law Admin Fee – Year 3 Per Semester		\$250

## **School of Social Work**

### *Graduate Programs*

Charge Description	Unit Charge	Cost (\$)
Master of Social Work Per Semester		\$16,437
Part Time Credit Rate Per Credit Hour		\$1,748
Summer Credit Rate Per Credit Hour		\$1,748

### *General Fees*

Charge Description	Unit Charge	Cost (\$)
Professional Development Fee Per Semester		\$125

## **Other Enrollment-Related Fees**

Charge Description	Unit Charge	Cost (\$)
Late Registration Fee	Per Semester	\$175
Late Payment Fee	Instance	\$100
Change of Program Fee	Course	\$20
Thesis Binding Fee	Thesis	\$60
Transcript Fee	Transcript	\$8
Diploma Replacement Fee	Diploma	\$55

## Other Information about Tuition Charges

### Dual Degree Programs

- Dual degree candidates will be charged tuition based on the school or college that administrates the dual degree program. For instance:
- The School of Social Work offers dual degree programs with the School of Business and the School of Divinity; therefore, a student will be charged the tuition associated with the School of Social Work for the duration of the dual degree program.

### Tuition Discounts

Howard has programs where eligible students may qualify for tuition discounts.

#### Undergraduate Tuition Discount for Multiple Siblings Concurrently Enrolled

A ten percent (10%) undergraduate tuition discount is available for multiple siblings who are attending Howard University concurrently in full-time status effective August 15, 2017. In cases where siblings from the same family are enrolled in both undergraduate and graduate and professional degree programs, the discount will only apply to the tuition of the undergraduate students.

Please refer to the published policy for complete detail on guidelines and eligibility.

#### Undergraduate Tuition Discount for Multiple Siblings Concurrently Enrolled

The *Summer Tuition Assistance Grant for Excellence (STAGE)* is available to qualified undergraduate students who were enrolled full-time during both the fall and spring semesters.

To be considered for this grant, students must meet the following criteria:

- Admitted as a degree-seeking undergraduate student
- Enrolled in a minimum of 12 credits for Fall and Spring semesters within the same Academic Year
- [Making Satisfactory Academic Progress \(SAP\)](#)
- Completed a [Free Application for Federal Student Aid \(FAFSA\)](#) by the deadline (Domestic Students Only)
- Must have a zero balance – i.e., be paid in full for the preceding fall and spring semesters -- by the deadline
- Have earned less than 42 credits for the 2017-2018 academic year, which would be the sum of credits for Fall, Spring, and Summer semesters

Please refer to the published policy for complete detail on guidelines and eligibility.

### Housing Rates and Fees

For several of the student resident halls, Howard University partners with property management firms to administer residential life programs and provide property management services.

Howard's agreements with these entities provide for rates to be set by the managing committees for the facilities.

For AY2021 – 2022, Howard University and the management review committees approved the following changes to housing rates and fees as reflected below.

#### Housing Deposit and Fees

Howard University requires the following non-refundable out-of-pocket deposits for housing, which are credited to the charges on a student's account once the student is actively enrolled:

Charge Description	Unit Charge	Cost (\$)
Housing Good Faith Deposit Acceptance into Housing		\$200
Housing Application Fee	Fall Semester	\$50

### Resident Hall Rates

The following sections detail rates for each HU student dormitory.

#### Axis (Howard Center)

Managed by Corvias. Leases in this facility are targeted towards graduate students and require a year's lease.

Charge Description	Unit Charge	Cost (\$)
Amenity Fee (Efficiencies)*	Monthly	\$200
Amenity Fee (One Bedroom Units)*	Monthly	\$250
One Bedroom	Monthly	\$2,546
Third Floor Units	Monthly	\$1,538
Fourth Floor Type A	Monthly	\$1,432
Fourth Floor Type B	Monthly	\$1,538
Fifth Floor Units	Monthly	\$1,644
Sixth Floor Units	Monthly	\$1,644
Seventh Floor Units	Monthly	\$1,698
Eighth Floor Units	Monthly	\$1,698
Ninth Floor Units	Monthly	\$1,752

*\*The amenity fee covers utilities (electricity, water/sewer, and internet), as well as building amenities including gym and yoga studio, lounge and conferencing space, gaming space, on-site management, and concierge service.*

#### Bethune Annex

Managed by Howard University.

Charge Description	Unit Charge	Cost (\$)
Single Full Bath, Mini-Kitchen	Per Semester	\$5,708
Single Shared Bath	Per Semester	\$5,178
Double Shared Bath	Per Semester	\$3,746
Triple Shared Bath	Per Semester	\$3,036

#### College Hall North

Managed by Provident Group.

Charge Description	Unit Charge	Cost (\$)
Double Full Bath	Per Semester	\$5,004
Triple Full Bath	Per Semester	\$4,264

#### College Hall South

Managed by Provident Group.

Charge Description	Unit Charge	Cost (\$)
Double Full Bath	Per Semester	\$5,004
Triple Full Bath	Per Semester	\$4,264

## Cook Hall

Managed by Corvias.

Charge Description	Unit Charge	Cost (\$)
Single Full Bath	Per Semester	\$5,528
Single Shared Shower	Per Semester	\$5,212
Double Full bath	Per Semester	\$3,900
Double Shared Bath	Per Semester	\$3,752
Triple Shared Bath	Per Semester	\$3,182

## Drew Hall

Managed by Corvias.

Charge Description	Unit Charge	Cost (\$)
Single Full Bath	Per Semester	\$5,528
Single Shared Bath	Per Semester	\$5,214
Standard Single	Per Semester	\$4,812
Standard Double	Per Semester	\$3,514
Standard Triple	Per Semester	\$3,234

## Harriet Tubman Quadrangle

Managed by Corvias.

Charge Description	Unit Charge	Cost (\$)
Standard Single	Per Semester	\$5,866
Standard Double	Per Semester	\$4,226
Standard Triple	Per Semester	\$4,448
Standard Single with A/C	Per Semester	\$5,866
Standard Double with A/C	Per Semester	\$4,226

## Howard Plaza East

Managed by Corvias.

Charge Description	Unit Charge	Cost (\$)
Two Person Suite (Single Rooms)	Per Semester	\$5,984
Standard Single	Per Semester	\$5,498
Studio (Double Rooms)	Per Semester	\$4,434
Standard Large (Double Occupancy)	Per Semester	\$3,768

## Howard Plaza West

Managed by Corvias.

Charge Description	Unit Charge	Cost (\$)
Two Person Suite (Single Rooms)	Per Semester	\$5,984
Standard Single	Per Semester	\$5,498
Studio (Double Rooms)	Per Semester	\$4,434
Standard Large (Double Occupancy)	Per Semester	\$3,768

## Meal Plan Fees

Howard University uses Sodexo, a food services management firm, to provide dining services on Howard's campus.

### Fall and Spring Semester Meal Plans

AY 2021 - 2022

Recommendation

		Cost Per Plan AY	Total AY22	Cost per	\$ Increase from	%
	Dining	2021-22	Rate	Semester	Prior AY	Increase from Prior
Semester Meal Plans	Dollars					AY
Traditional 19	\$500	\$5,068	\$5,568	\$2,784	\$218	4.07%
Traditional 14	\$600	\$4,778	\$5,378	\$2,689	\$228	4.43%
170 Block	\$750	\$4,498	\$5,248	\$2,624	\$198	3.92%
140 Block	\$800	\$4,400	\$5,200	\$2,600	\$150	2.97%
75 Block	\$900	\$1,670	\$2,570	\$1,285	\$70	2.80%
Dining Dollars Only	\$2,250	\$0	\$2,250	\$1,125	\$100	4.65%
Dining Dollar Add-On Option	\$50					
<i>Average Increase</i>					<b>3.82%</b>	

### Summer Semester Meal Plans

Summer 2022

Recommendation

		Cost Per Plan AY	Total AY22	Cost per	\$ Increase from Prior	%
	Dining	2021-22	Rate	Semester	AY	Increase from Prior
Summer Meal Plans	Dollars					AY
Block 25	\$200	\$235	\$435	\$435	\$10	2.35%
Block 50	\$100	\$475	\$575	\$575	\$20	3.60%
Summer 14	\$0	\$660	\$660	\$660	\$30	4.76%
Dining Dollar Add-On Option						
<i>Average Increase</i>					<b>3.59%</b>	

## Academic Advising & Policies

### General Academic Information

#### Program of Study

Effective Fall 2013, a total of 120 credits are required for the baccalaureate degree\*. The typical program includes a major field (21-78 credits), a minor field (12 - 39 credits), a core group of general education studies, and electives. The specific details of the general education requirement vary among the schools.

\* Specialized programs in studio art and architecture have additional credit hour requirements.



## **Afro-American Studies Requirement**

All undergraduate students are required to complete at least one course in Afro-American studies. Courses which satisfy this requirement are offered by several departments.

## **Residency Requirement**

The majority of the individual schools and colleges at Howard University require that students spend the last 30 credit hours of undergraduate study in residence at the University in the school or college in which the degree is awarded.

## **Definition of a Credit Hour**

In accord with federal regulations, a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:

Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately fifteen weeks for one semester; At least an equivalent amount of work as outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

## **Credit or credit hour**

A unit of measure representing the equivalent of an hour (50 minutes) of instruction per week over the entire term. It is applied toward the total number of credit hours needed for completing the requirements for a degree, diploma or certificate, or another award.)

## **Change of Program: Audit, Variable Course Credits, Pass/Fail**

Students who wish to change courses to audit or to increase the credits on a variable course must complete a change of program form. Signatures of approval of the academic dean and the course instructor must be obtained. The last day to add and/or drop courses is published every semester in the University calendar.

If a student is enrolled in a course for audit or pass/fail and wishes to change to credit, that student must drop the course for audit or pass/fail and add the course for credit. The last day for such a change is published every semester in the University calendar.

Failure to comply with this change of program procedure may result in a failing grade for courses students have assumed they have dropped or no grade for courses they thought they added. All changes must be made in accordance with the established deadlines.

## **Curriculum Review**

The Curriculum Committees and Deans of each School or College are charged with following the policy on credit hours in their review and approval of all courses and for certifying that the expected student learning for the course meets the credit hour standard. The determination of credit hours is made when a new course or a revision to an existing course is proposed. The submitted syllabus is examined for contact time as well as for assignments and evaluation mechanisms.

## **Examinations**

The number of examinations administered in a course varies according to the method of instruction. Where midterm examinations are scheduled, they are given near the middle of each course. Final examinations are

held at the end of each semester and are a required part of each course in most schools and colleges. For additional information and exceptions to the above, students should consult the individual schools and colleges.

## Major

A major sequence of study is a series of courses prescribed by a given department as necessary for a concentration in that department. A major ordinarily includes 30 to 39 credits earned in a single department or in closely related departments.

## Minor

A minor sequence of study is a combination of courses intended to broaden students' perspectives and buttress their major areas of concentration. A minor generally consists of 15 to 18 credits earned in one or more areas outside of the student's major department.

## Elective

An elective is a course which students may choose to take for credit toward earning their degrees.

## Honors

Students will be graduated with honors under the following conditions: those with a cumulative grade point average (GPA) ranging from 3.20 through 3.49 will be graduated cum laude; those with a cumulative GPA ranging from 3.50 through 3.79 will be graduated magna cum laude, and those with a cumulative GPA of 3.80 or higher will be graduated summa cum laude.

Grades in noncredit courses are not considered in determining eligibility for honors. Although the policy varies according to the individual schools and colleges within the University, generally students are not eligible to receive these distinctions at graduation if they have not completed the last half of the work required for their degree in residence at Howard; if they have repeated courses to raise their GPA; or if they have not carried at least 12 credits for each semester enrolled, with the exception of the last semester in residence.

Students who have excelled academically are honored by having their names placed on the Dean's Honor Roll. Generally, this honor roll is published annually and includes honor students from the preceding school year. The GPA required differs among the schools and colleges according to their specific policies.

## Time Limitation

There is no strict regulation with respect to the total amount of time in which undergraduate students must fulfill their degree requirements, provided they maintain an appropriate grade point average and give evidence of being seriously interested in the eventual achievement of their academic objectives.

## Attendance

All students are expected to attend classes regularly and promptly. Students who are absent from classes are held responsible, nevertheless, for the entire work of the course. Members of the faculty will hold students responsible for regular and prompt class attendance. Any student who does not take a scheduled midterm or final examination must obtain the approval of his instructor in order to take a 69 substitute examination. A student who does not secure such approval will receive a grade of zero for the examination missed.

## Note on Credit Hours and Special Topics Courses

### Note on Credit Hours

Please note courses with a range of credit hours will be charged per credit hour as appropriate.

### **Note on Special Topics Courses**

Course descriptions are static descriptions of courses to ensure that subject matter is consistent across semesters for a given course. Course descriptions are written by faculty and approved by academic leadership. Course descriptions are by design difficult to change. However, as a research university, Howard University has the responsibility to adjust some course material to the changing fields and changing disciplines. Howard, like most universities, has instituted special topics courses to allow a curricular flexibility that both allows for the introduction of new knowledge and protects the concrete nature of other courses. As the topics faculty (or in the case of honors courses, students) choose cannot be predicted a full year in advance, the exact subject matter to be discussed in a special topics course is understandably not included in the course catalog. Students interested in taking courses that suggest a varied or selected subject matter should contact the department chair or the instructor of the course.

Special topics courses can be repeated by students in some disciplines if the subject matter differs. For students who choose to take multiple special topics courses who need evidence of the unique subject matter of each course, this can be found in their course syllabi. Students seeking funding that requires courses not to be repeated may be asked to provide their syllabi before funding is given. As an example, students receiving military educational benefits would need to provide syllabi for courses that have the same course number and/or course description.

Please note that instead of differing section numbers for one special topics class, some departments choose to offer multiple courses that are designated as "Special Topics" courses.

The same syllabi requirements would be required for students enrolled in more than one of these courses as part of their degree.

## **Grades & Grade Point Average (GPA)**

### **Grades**

The following grading system is used at Howard except where otherwise indicated in the school/college bulletins:

A - excellent 90 and above

B - good, 80 - 89

C - fair, 70 - 79

D - poor, 60 - 69

F - failure less than 60

W - official withdrawal (no grade value and not calculated)

UW - unofficial withdrawal (no grade value and not calculated)

I - incomplete (grade following I/ calculated)

Required courses in which you receive failing grades must be repeated. Incomplete grades may be assigned ONLY to students who, as a result of circumstances beyond their control (e.g., illness or family emergency) are unable to complete their coursework. Although the student initiates the request for an incomplete grade

, the decision to assign an incomplete grade rests solely with the instructor. If the student's request is approved, the instructor establishes and submits specific "make-up" conditions on an Incomplete Grade Processing Form (IGPF). Each incomplete designation ("I") must be accompanied by an alternative grade ("B," "C," "D," or "F"). The alternative grade will become the permanent grade, if the incomplete is not removed.

## Grade Point Average (GPA)

Your grade point average is a summary of your academic record.

The grade point value is determined by multiplying the number of credits (also called hours) a course yields by the grade received for the course. Grades yield points as follows: A = 4; B = 3; C = 2; D = 1; F = 0; W, AD, P, S, U, and UW (not calculated).

The semester grade point average (GPA) is obtained by dividing the number of semester grade points earned by the number of credits attempted for the semester. For example, student attempts five courses totaling 13 credits for the semester, and receives grades as follows:

Course 1 (3 credits) — "A"      Course 2 (3 credits) — "B"

Course 3 (2 credits) — "B"      Course 4 (1 credit) — "C"

Course 5 (4 credits) — "D".

Total semester grade points earned for courses 1 through 5 are respectively:  $(3 \times 4) + (3 \times 3) + (2 \times 3) + (1 \times 2) + (4 \times 1) = (12 + 9 + 6 + 2 + 4) = 33$ . Semester GPA =  $33 \div 13 = 2.54$ .

Course Number	Credits	Grade		Grade Point Value
	(C)	(G)		(C x G)
1	3	A	4	$3 \times 4 = 12$
2	3	B	3	$3 \times 3 = 9$
3	2	B	3	$2 \times 3 = 6$
4	1	C	2	$1 \times 2 = 2$
5	4	D	1	$4 \times 1 = 4$
Totals	13			33

The cumulative (or overall) GPA is determined by dividing the number of cumulative (or total) grade points earned at Howard University (including grade points for the most recent grading period) by the cumulative (i.e., total) number of credits attempted at Howard University. For example, student previously attempted 65 credits at Howard University and earned 160 grade points with an old cumulative GPA of  $160 \div 65 = 2.46$ . The new cumulative number of credits attempted at Howard University =  $65 + 13 = 78$ ; and the new cumulative grade points earned =  $160 + 33 = 193$ . The new cumulative GPA =  $193 \div 78 = 2.47$ .

The grade point average is computed for all courses not officially canceled that have been taken and/or repeated in the student's program of study.

NOTE: ALL INCOMPLETE GRADES (other than grades for Thesis & Research) must be completed by the student no later than the last day of classes of the semester in which the student is next in residence. (Instructors must submit Special Grade Reports for removing incomplete grades by the last day of the semester.)

At the end of each semester, semester grades are available to students via the BisonWeb. Semester grades will be mailed to parents when authorized by student.

## Grading System

Except where indicated otherwise in school/college bulletins, the following grading system is used at Howard University: A—excellent scholarship, 90 and above; B—good, 80 to 89; C—fair, 70 to 79; D—poor, 60 to 69; F—failure, below 60; W—withdrawal, has no grade value and is, therefore, not calculated in the term of cumulative grade point average; I—incomplete. A grade of D cannot be raised to a higher grade by re-examination. Required courses in which students receive failing grades must be repeated.

## Grade Point Average (GPA)

The grade point average is determined by multiplying the number of credit hours of the course by the point value of the grade received for the course (A, 4; B, 3; C, 2; D, 1; F, O; W not calculated). The resulting products (quality points) are then summed and divided by the total number of credit hours. The grade point average is computed for all courses attempted, excluding courses repeated.

## Pass/Fail Regulation

Sophomores, juniors, and seniors with a cumulative average of 2.0 or higher who enroll in at least 12 semester hours per semester, may elect to enroll in one course per semester on a pass/fail basis. This pass/fail option is restricted to electives exclusively and is not permitted for courses that fulfill major and minor course requirements. Students will receive a passing designation if his/her work in the course rates as "D" or better and a failing designation if his/her work in the course rates below "D". Except for students in the School of Business, courses passed under the pass/fail system will count towards graduation requirements. FAILING GRADES WILL BE INDICATED ON THE ACADEMIC RECORD; however, neither the passing grade nor failing grade will be computed in the grade point average. Students electing to take a course pass/fail cannot later petition to receive a grade in the course. Until further notice the Pass/Fail Regulation is on an experimental basis and is reviewed annually.

## GPA Requirement for Graduation

To receive a Bachelor of Arts or Bachelor of Science degree, students must have a cumulative grade point average of at least 2.0 on a 4.0 scale. Additional grade requirements are determined by degreegranting School or College.

## Classification of Students

### Classification of Students

The number of credits which each student has accumulated determines that student's classification. Students who have received a score of three or higher on any of the Advanced Placement Examinations of the College Board will be eligible, in the area of each examination, for advanced placement and credit toward graduation as determined by the appropriate department. They will also qualify for exemption from certain general education courses as specified by the dean on the basis of the student's total record. Students may not receive credit toward graduation for Howard University courses that are equivalent to courses for which they have received advanced placement credit. All other advanced standing is determined by the individual schools and colleges within Howard University.

### Student Load

Undergraduate students must be enrolled in no less than 12 credit hours in order to be considered full-time students.

## Academic Advisement

Students enrolled in all undergraduate schools and colleges are assigned faculty or staff advisors to assist them in planning and following a sound program of study. Students are encouraged to contact their advisor on any matters related to their educational programs. The role of the academic advisor goes beyond providing assistance to students in selecting and scheduling classes. The scope of the advisor's responsibility typically includes any areas that affect or are related to academic success, such as goal-setting, career planning, academic issues, personal concerns, financial support, and general guidance to facilitate personal growth. Students who have not selected a major should contact the Office of Undergraduate Studies for a consultation.

## ACE Advising Services

provides formal and informal advising services to traditional and transfer students enrolled in Howard University's College of Arts and Sciences. We also support all undergraduate schools and colleges at Howard University by co-developing common and unique advising experiences that meet the needs of undergraduate students. ACE focuses on helping students understand degree requirements, follow academic policies and procedures, and develop and execute an appropriate plan for fulfilling degree requirements. We re-enforce student self-efficacy, informed and proactive decision making, and academic behaviors that result in timely degree completion.

This process includes understanding degree requirements and university academic and academic support policies and procedures. Effective academic advising promotes student self-efficacy, informed and proactive decision-making, and academically focused behaviors that result in timely degree completion.

<https://ous.howard.edu/academic-resources/academic-advising>

## Registration

All students must register for classes during the periods announced in the official University Calendar. Students who fail to register will not be permitted to attend classes, and their names will not appear on official class lists. BisonWeb is the official self-service portal that all students will use to register for their courses each semester. Directions on how to register are available on the BisonWeb webpage at <http://www.howard.edu/bisonweb/>.

## Priority Registration

During the fall and spring semester registration periods eligible students are permitted to register for courses four days earlier than the general population. Participant lists are provided by each program/office prior to the start of the registration period. Once the priority registration period has ended, students must register based on their classification as outlined in the General Registration notice. Priority registration is offered to the following student groups:

- Honor students
- Student Athletes
- Veteran & Service Members
- ROTC Cadets
- Students with Accommodations

## Intra-University Transfers

### (FOR CURRENTLY ENROLLED UNDERGRADUATE STUDENTS ONLY)

1. Student obtains Intra-University Transfer Form from the Dean's Office of the School/College to which he/she is transferring.
2. Upon receipt of this application, the Dean of the College/ School receiving the transferee will obtain any information needed from the College/School from which the applicant is transferring and determine whether the student qualifies for transfer.
3. The Dean's Office will forward the approved form to the Office of the Registrar.
4. All applications for Intra-University transfers must be completed and "approved" by appropriate officials before submission. They must be received in the Office of the Registrar by the first day of classes of the semester.

## Alternate PIN

All continuing students require an Alternate PIN to register, with the exception of graduate students in the School of Business and the College of Nursing and Allied Health. Students must meet with their academic advisors in their School or College to obtain their Alternate Pin.

## Course Waitlist

When a section of a course fills to the enrollment limit, students attempting to register through BisonWeb will receive a registration error message that a waitlist exists. The student will then be given the option of adding themselves to the waitlist for the course. If a student already enrolled in the course should drop, that seat will not become available for registration through BisonWeb if there is an active waitlist for the course. Obtaining a space on a waitlist should not be interpreted as a guarantee of getting a seat in the course.

Students must attempt to register for the course via BisonWeb in order to be offered the waitlist option. When a seat becomes available, the first student on the waitlist will receive an email notification to their preferred email address (students can confirm their preferred email address on BisonWeb) when a seat becomes available. A student will have 24 hours from the time of the email to register for the class through BisonWeb, between the hours of 9AM and midnight each day. It is the student's responsibility to check their preferred email once on a waitlist. If they do not register for the class during that time period, the seat will be offered to the next student on the waitlist. Students **MUST** have an email address on file or they will not receive the notification and lose their opportunity to register.

## BisonWeb Registration Errors

When attempting to register for courses via BisonWeb students may encounter errors that prevent registration. Restrictions have been applied to courses for various academic and administrative reasons. Please see the following registration error messages:

### Course Waitlist

When a section of a course fills to the enrollment limit, students attempting to register through BisonWeb will receive a registration error message that a waitlist exists. The student will then be given the option of adding themselves to the waitlist for the course. If a student already enrolled in the course should drop, that seat will not become available for registration through BisonWeb if there is an active waitlist for the course. Obtaining a space on a waitlist should not be interpreted as a guarantee of getting a seat in the course.

### Course Overrides

The course override capability exists for the sole purpose of accommodating those relatively few students who are given permission to either (a) enroll in a class that is "closed," or (b) enroll in one or more classes that have reasonable time conflicts within the student's schedule. Course overrides must be approved by the person(s) designated by course instructor and the Dean or his/her designee of the respective School/College in accordance with procedure(s) established by such School/College/Division.

## Withdrawal From a Course

The last day to withdraw from a course is published in the University Calendar. Withdrawals are not permitted later than 4 weeks prior to the end of the semester, including the final examination period. A student may withdraw from a course up to 8 weeks after the first day of instruction and receive a grade of "W" (withdrawal). Seniors, juniors, sophomores and graduate students without registration holds complete course withdrawals on BisonWeb. Freshmen and students with holds that prevent registration will need to complete a Change of Program form and obtain a signature from your academic advisor. Please see your academic department for this form. Change of Program Forms may be obtained from the Office of Undergraduate Studies or the Office of the Academic Dean of each school/college.

Mere absence from class does not constitute withdrawal. A properly executed Change of Program Form, Total Withdrawal Form or BisonWeb process must be used to effectuate all drops, withdrawals, adds, section changes, or course enrollment status changes. Students will receive a failing grade for courses in which they discontinue attendance without completing the required withdrawal process.

## Warning on Dropping Courses

Students who wish to drop all courses for which they have registered (even though they may be taking only one course) must submit a Total Withdrawal form to officially drop all courses in which currently enrolled. (In this instance, the drop/add procedure should not be used.)

## All Incomplete Grades

(other than grades for Thesis & Research) must be completed by the student no later than the last day of classes of the next semester of enrollment. Instructors must submit Special Grade Reports for removing incomplete grades by the last day of the semester.

## Removal of Incomplete Grades

Students for whom an incomplete grade has been reported must remove the incomplete grade prior to the last day of classes the next semester in which the student is enrolled, unless the student requests, and is granted, an extension. Failure to meet this deadline will result in the incomplete grade becoming a permanent grade. A request for an extension should be made to the dean of the College, in writing, at least 10 days before the last day of classes.

## Course Repeat Policy

1. An undergraduate student may repeat only once a course for which he/she has received a grade of "D" or "F". The lower grade will not be counted in the computation of the GPA.
2. Exceptions to repeating a course more than once will be made only if it is a major or minor requirement for which the minimum grade of "C" is required, or if a student is ineligible to advance to the next level without a passing grade. All subsequent repeats, after the first one, will be counted in computing the GPA.
3. In all course repeats, the failing or previous grade is not expunged from the academic record.
4. Students are not eligible to graduate with honors if they have repeated a course(s); they have not carried at least 12 credits for each semester enrolled, with the exception of the last semester in residence, and they have not completed the last half of the work required for their degree in residence at Howard University.

SPECIAL NOTE: In all cases of Course Repeats the failing or previous grade is NOT expunged from the academic record.

## Semester Grades

At the end of each semester, semester grades are available to students via the BisonWeb. Semester grades will be mailed to parents when authorized by the student.

## Satisfactory Academic Progress Policy

Three components of your academic record determine whether you are maintaining satisfactory academic progress: (1) course completion, (2) grade point average (GPA) and (3) maximum eligibility. The requirements in each area vary according to your status as an undergraduate, graduate or professional student, your school/college of enrollment, and your enrollment status (full-time, halftime, or less than-half-time). This federal policy affects your eligibility for all forms of assistance, including but not limited to, the following aid programs:



1. Federal: Federal Work-Study, Federal Pell Grant, Federal Perkins Loan, Federal Direct PLUS Loan (Parent loan), Federal Supplemental Educational Opportunity Grant (SEOG), Graduate PLUS Loans, Federal Family Education Loan Program, Federal Direct Loan Program (Subsidized and Unsubsidized), Nursing Student Loans and Health Professions Loans and Grants
2. State: All State eligible programs, Alternate Loan Programs (that do not consider SAP to be a criterion), and Student Educational Loan Fund.
3. Institutional: Departmental scholarships/grants, Howard University Student Employment Program (HUSEP), Graduate Remission or Assistantships.
4. Private Loans: Students on SAP may only apply for private loans that do not seek a student's academic progression (or lack thereof) a necessary criterion. This is often done by conducting an internet search.

Satisfactory Academic Progress will now be evaluated on a per semester basis. It will no longer be evaluated on an annual basis. Once a student finds themselves as being on 'financial aid suspension' per email notification and by checking their BisonWeb account, they then are to initiate the appeal process. Once an appeal has been received, reviewed, and approved by members of the office's Professional Judgment Committee, students must also submit an Academic Plan (AP) to be electronically signed and acknowledged by their major advisor. The AP must have the advisor's signature on it to confirm they have approved the courses a student plans to take and successfully pass in the upcoming semester.

If AP's are not received within a timely manner, this will subsequently affect the disbursement of a student's aid for that particular semester. If a student changes their classes (by adding or dropping) within the same semester, they must resubmit their AP to the Office of Financial Aid noting the necessary changes and their academic advisor must e-sign those changes. At the conclusion of each semester, a student's performance will be assessed on the following criteria:

## Completion Ratio

Your enrollment status is reviewed at the conclusion of each academic semester (fall and spring) to verify that you have earned the required minimum number of credits during fall and spring semesters. You are required to complete at least 70% of all attempted hours of coursework each academic semester. (E.g. If a student registers for 15 credit hours in the fall semester; 5 (3 credit) courses, they must pass each course with a letter grade of "C" or better.) Grades or indicators of 'F' (Fail), 'I' (Incomplete), 'U' (Unsatisfactory), 'UW' (Unofficial Withdrawal), 'NR' (Never Reported) all count against your completion ratio. Repeated coursework may not be used in the calculation of your completion ratio and is not covered by financial aid.

## Cumulative Grade Point Average (GPA)

As an undergraduate student, your per semester grade point average (GPA) will be reviewed. Freshmen students with a GPA lower than 2.0 at the conclusion of the fall semester will be placed on Financial Aid Probation. Regardless of the program of study, students who do not meet the required minimum GPA requirements (or academic standards) of the program are automatically SAP suspended.

## Maximum Eligibility

A student will maintain financial aid eligibility for a specified period of time. Undergraduate students must complete their chosen academic program within 150 percent of the number of credit hours required for graduation or successful completion. (For example, an undergraduate student may attempt a maximum of 191 credit hours for a program requiring 127 hours for graduation.) Undergraduate students will be notified when they are within 24 credit hours of reaching the expiration of their financial aid eligibility. Students must continue their studies at their expense they have reached their maximum eligibility.

## Financial Aid Probation

If at the end of the semester a student is listed as being on PROBATION of any kind (e.g. Probation for Credits, Probation for Grades and Probation for Grades/Credits), the student is still eligible to receive aid for the next semester. A student's probationary status is a warning that he or she must meet all SAP criteria for any subsequent terms of attendance in order to maintain financial aid eligibility. A student does not need to appeal this status in order to receive aid. Financial aid probation will occur for a student's next academic semester of attendance if he or she fails to earn the minimum number of credits and/or the GPA required. Such students may continue to receive financial aid while on financial aid probation.

## Types of Financial Aid Suspension

Your financial aid eligibility will be suspended if you fail to earn the necessary credits or achieve the required GPA while on financial aid probation. At that time, you will no longer be eligible to receive financial aid to attend Howard University. To reinstate your financial aid eligibility, you must appeal to the Office of Financial Aid by the proposed deadline per semester. If a student's appeal is denied for whatever reason, they then may re-enroll and successfully complete the courses they have registered for at their own expense, at least for one semester. At the conclusion of that particular semester, students may then re-appeal to the Office of Financial Aid explaining in a detailed type-written narrative to then request to have their aid reinstated. Students cannot receive financial aid if they do not meet the necessary criteria. Students who have been suspended consecutively will be ineligible for aid reinstatement until they have covered the courses they have registered for at their own expense. Students are more than welcome to seek other sources of funding that include alternative loans that do not consider SAP to be a criterion.

## Academic Suspension

You are not eligible to receive financial aid if you have been de-matriculated (academically suspended) from the University. When you have been readmitted by the University; a process students must complete with the Office of Admission, as a Former Student Returning, you must complete the SAP appeal process. Your financial aid eligibility status will be determined based on the SAP criteria and a thorough review of your academic transcript.

## Exclusions

The following types of registration and grades cannot be used to fulfill probation, suspension or re-matriculation requirements: credits by special exam, Advanced Placement or CLEP exams, distance education or correspondence courses for which you have not obtained prior approval, audit, withdrawal, incomplete and zero credit courses.

## Appeal Process

You may appeal a financial aid suspension status by submitting a completed appeal packet to the Office of Financial Aid within 14 calendar days from the date of your notification. It is the responsibility of the student to follow up with their advisor as often as possible, throughout the semester, by checking their BisonWeb account for updates by checking their financial aid eligibility from one semester to the next, as well as their personal preferred email address for emails on pertinent deadlines and updates.

### Types of suspension that CAN BE appealed by the appropriate deadline:

1. **Suspension from the University** - Student is academically suspended from the University.\*
2. **Suspension for Credits** - Student did not earn at least 70% of the credit hours attempted in the previous two (2) academic years.
3. **Suspension for Grades\*\*** - Student did not earn minimum GPA required for 'good standing' for previous two (2) years.

## Types of suspension that CANNOT be appealed:

1. 4 Year Undergraduate Suspension - Student has met or exceeded maximum degree timeframe (1.5 times the total minimum credit hours required for degree).
2. 5 Year Undergraduate Suspension - Student has met or exceeded maximum degree timeframe (1.5 times the total minimum credit hours required for degree) OR has more than 12 hours of incomplete credits.

## SAP Appeal forms are available to suspended students via BisonWeb.

If you have failed to achieve SAP (Satisfactory Academic Progress) because of mitigating circumstances, your appeal packet must consist of the following:

1. SAP appeal form with type of suspension indicated per your BisonWeb account
2. Detailed type-written narrative of what led to your suspension status, and explanation of what you intend to do to improve your plan of action, and
3. Copies of all supporting documentation attached.

Once your appeal has been received and reviewed by the Appeals Committee, you will receive written notification of the committee's decision by email to the address you have provided in your appeal packet. You will also notice the appropriate changes made to your award package on your BisonWeb account. Note: All incomplete appeals will be denied. All appeal decisions are final and the submission of a SAP appeal does not guarantee reinstatement of aid eligibility. Students who are currently SAP suspended are strongly advised to create alternate financial plans in the event your appeal is denied.

## Additional SAP Requirements

If you are listed as being SUSPENDED FROM THE UNIVERSITY, the appeal process is two-fold.

Step 1: You must appeal to your school/college as well as

Step 2: the Office of Financial Aid. It is your responsibility to stay abreast of deadlines. Stipulation letters do not ensure financial aid reinstatement and one is not contingent upon the other.

For further inquiries please contact the Office of Financial Aid at: <http://www.howard.edu/financialaid/contacts/staff-finaid.htm>

1. Although you may not be receiving financial aid, you will be evaluated for financial aid eligibility on the same basis as students who receive federal and state aid. Should you apply for aid, your eligibility will be based on your prior academic performance at Howard University.
2. If you are enrolled in a dual degree program, you may appeal for an extension of the maximum time frame provision of this policy.
3. If you are an undergraduate student pursuing a second degree, you may attempt an additional 48 credit hours to complete your second degree program, including prerequisite courses. Graduate/professional students may attempt an additional 24 credit hours.
4. If you are a transfer student, your maximum eligibility will be reduced by the number of transfer credits accepted by Howard University.
5. Credits you have earned at foreign institutions will be included in your SAP evaluation provided they are applicable to the degree/program sought.
6. Courses in which you receive a grade of 'I'(incomplete) accompanied by a letter grade will be considered when evaluating your completion ratio, and will influence your term and cumulative GPA. All attempted and earned credits are considered in maximum eligibility determination.
7. Courses in which you receive a grade of 'W' (withdrawal) do not earn credits or affect your GPA, but they will be considered when evaluating your maximum eligibility. You may retake courses from which you withdraw and those credits will count toward determining your enrollment status and completion ratio, provided you have not earned credit for the same course.

8. If you are enrolled in undergraduate remedial courses, credits attempted/earned will count toward determining your enrollment status, minimum credits earned and maximum eligibility.
9. If you take undergraduate courses while you are a graduate student, courses that are satisfactorily completed do not earn graduate credit or influence your graduate GPA, nor will they count toward determining your enrollment status or minimum credits earned at the graduate level.
10. All undergraduate and prerequisite courses are evaluated in SAP Maximum Eligibility.
11. If you are taking courses to earn professional licensure, you must be admitted to a degree program in order to receive financial aid. Students completing licensure courses and are not seeking a bachelor's, master's, or doctoral degree are not eligible for financial aid.
12. The credits earned from repeated courses will count toward the determining your enrollment status and maximum eligibility. However, for purposes of financial aid satisfactory academic progress, only credits adding to the cumulative credits earned will be acceptable toward the required minimum number of credits earned per year.
13. If you attend a summer session and wish those credits/grades to be considered with your fall and spring total, you must complete the appeal process at the end of the summer term. Summer credits will count toward determining your maximum eligibility.

## Academic Suspension

Any student who fails to remove his/her probationary status within one semester, exclusive of summer sessions, will be suspended. Official notification of suspension will be sent from the Office of the Registrar.

A one-semester extension of the probationary period may be requested by appealing in writing to the Dean of the School or College no later than 60 days prior to the first day of classes for the fall semester and 15 days prior to the first day of classes for the spring semester.

If the appeal is granted, the student will be required to follow specific stipulations during the extension period. If the appeal is denied, the student is not eligible for readmission for at least one semester.

## Readmission Policy on Academic Probation & Suspension

A student enrolled in any of the undergraduate schools and colleges whose cumulative grade point average is less than 2.0 at the end of the first semester or any subsequent semester will incur academic probation. Students who have achieved junior status or are in the professional phase of the following programs will incur probation if their cumulative grade point average falls below 2.5 in the School of Education, The College of Pharmacy, and The College of Nursing and Allied Health Sciences.

## Regulations Governing Students on Probation

Students on probation must adhere to the following conditions for continued enrollment: Enroll in a maximum of 13 credit hours if full-time, and seven hours if part-time.

Establish and maintain contact with their designated school/college advisor (Dean, faculty advisor, advisory center, or student services unit) for academic advising, counseling, assistance, and referral to support services at least once per month.

Probationary status will be removed when the student has achieved a cumulative average of at least 2.0.

Probationary status must be removed within one semester, exclusive of summer sessions, or the student will incur a suspension.

Any student who voluntarily withdraws from the University while on probation will be subject to stipulations as a condition for readmission.

## Readmission After Academic Suspension

Requests for readmission must be initiated by submitting to the Office of Admission, at least 60 days prior to the registration period, an application for admission and, a completed petition for readmission to the school or college in which the student was last enrolled.

The request should include a description of the student's activities during the suspension period, the steps that have been taken to ensure success if the request is approved, and appropriate supporting documentation.

Requests for readmission will be reviewed by the appropriate designee of the school of last attendance and an admission committee, which will render a decision based on the student's previous academic record, contents of the request for readmission, and other relevant factors.

Upon readmission after suspension, students must adhere to the conditions outlined below. Failure to meet these stipulations will result in automatic suspension from the University.

The student shall establish and maintain contact (at least once per month) with designated school/college advisor (Dean, faculty advisor, advisory center, or student services unit) for academic advising, counseling, assistance, and referral to support services.

The student shall enroll in appropriate courses in the Center for Academic Reinforcement and/or other support programs as stipulated by the admission committee.

Enroll in a maximum of 13 credit hours if full-time, and seven credit hours if part-time, until the cumulative grade point average meets the requirement for removal of probation.

Remove all deficiencies during the next semester of enrollment (or the next semester when the courses are offered) before proceeding with the published program for their degree.

Earn a minimum grade of C in each course or earn the required grade point average stipulated by the admission committee until the cumulative grade point average meets the requirements for the removal of probation.

Failure to meet the above conditions may result in academic suspension.

## Total Withdrawal Procedure

Students who find it necessary to withdraw from all of their classes for the current semester or for a subsequent semester for which they have already registered must complete a Total Withdrawal Request Form. This form must be submitted by the end of the 12th week of classes for the semester in which they wish to withdraw. The withdrawal form and instructions are available from the Dean or Advisory Center of each school or college. Students who are physically unable to complete the withdrawal in person and students who are administratively withdrawn should contact their dean or advisor for assistance. Students considering a total withdrawal should note the following:

The effective date of the withdrawal will be the date on which Office of the Registrar receives the completed withdrawal request form.

By registering for courses, students accept financial responsibility for payment for those courses and for any other charges incurred while they are enrolled.

Financial aid may be adjusted or canceled as a result of withdrawal and may require repayment of loan funds. Adjustments to financial aid awards will be calculated according to University and Federal refund guidelines based on the official withdrawal date.

Once the withdrawal has been completed, students will receive a grade of "W" for each course if the withdrawal is submitted after the Change of Program period.

Students who reside in University housing are required to check out of their residence hall within 24 hours of completing the total withdrawal process.

Completing a total withdrawal from the University requires that students surrender all University property, including, but not limited to library books, room keys, computer cards, and identification/access cards.

Students who complete a total withdrawal from the University must reapply for admission to the University by published application deadlines.

Students who wish to complete the Total Withdrawal Process should follow the steps listed below.

Access the Total Withdrawal Process via <http://www.howard.edu/enrollment/registration/withdrawal.htm>

Enter your name and preferred e-mail address as well as the Howard issued e-mail address for the appropriate offices. Please see **total withdrawal contact**.

The system will automatically generate an access code and forward the access code to your email account. Enter that access code to continue.

Read and verify the terms and conditions, then select review document.

Complete all required fields highlighted in red. Once all the required fields are complete, please select confirm signing on the left side of the document.

Once you have confirm signing, your request will be routed to the appropriate offices, Please note there is an optional save feature that allows you to check the status of your request.

Students who register during General Registration for the upcoming semester and determine before the beginning of that semester that they will not be returning, must complete a Total Withdrawal Form for that upcoming semester. The signature of the Dean or Dean's designee is required. The Office of the Registrar (located in Suite 104 in the Administration Building) is the last office to sign the Total Withdrawal Form.

If you need to make the effective date of your Total Withdrawal prior to the date you actually begin the process, due to extenuating circumstances; you must get special approval to do so. The first step is to visit the office of the Dean or academic advising center of your school or college. You should take with you documentation to support your request (e.g., a letter from your doctor). If the request is supported by your school or college, it will be forwarded to the Office of the Registrar to be considered for approval.

## Readmission After a Total Withdrawal

Undergraduate students who complete a total withdrawal and wish to return to Howard University after an absence of one semester or more are required to apply for readmission (no Application Fee or Enrollment Fee is required).

**NOTE:** Any withdrawing student planning to return for the semester immediately following the withdrawal must check with the Office of Admission for information regarding re-enrollment. For further general information on Total Withdrawal, contact the Dean of your school/college.

# Student Resources & Services

## BisonWeb

BisonWeb (<http://www.howard.edu/bisonweb/>) is the official self-service portal that all students should use to review student accounts and financial aid; course registration each semester; academic records; and apply for graduation.

## Contact Information Requirement

Upon enrollment students must report all appropriate addresses via BisonWeb. Grades, material for registration, and other materials will be mailed periodically to the student's local address. Failure to maintain a current address with the Office of Enrollment Management/Records may not be used as an excuse to avoid late registration fees or discharge.

## Bison One Card - Photo Identification Cards

### Bison One Card

<https://auxiliary.howard.edu/services/bison-one-card>

The Bison One Card is the official Howard University ID card for active or registered students, faculty, staff, contractors, and summer program participants.

There is no charge for an initial card for students, faculty, staff, and contractors.

As a new student, when picking up your initial Bison One Card, you are required to bring a valid US gov't issued ID or a valid Passport.

As a Student Employee your primary role is Student, you will not receive a title of Faculty, Staff, Contractor, or Temporary on your Bison One Card.

## Office Information

iLab Building

Lobby Level (Bryant Street Entrance)  
2301 Georgia Ave NW  
Washington, DC 20059

Phone: 202-806-2109  
[onecard@howard.edu](mailto:onecard@howard.edu)

### **Monday - Friday**

9 am - 5 pm

*Excluding observed holidays ([academic calendar](#))*

### NOTICES

Photos submitted to the Bison One Card Office become the property of Howard University, will be used for official and administrative purposes only, and are not returned.

The Bison One Card is the property of Howard University and is governed by the rules and regulations set forth by the Howard University.

The Bison One Card is not transferable, must not be used by anyone other than the issued cardholder, and must be carried while on Howard University property.

## The Office of Undergraduate Studies

<https://ous.howard.edu/>

The mission of Office of Undergraduate Studies is to facilitate the successful matriculation of undergraduate students by offering academic support services and programs that will result in improved persistence, retention, and graduation rates. Specific services include:

- Academic advising and retention counseling
- Graduation clearance and degree completion support
- Academic policy and petition guidance
- Academic support courses, workshops, and services
- Professional development opportunities for staff and faculty advisers
- Honors and scholar development programs
- Academic mentoring
- New student orientation
- Transfer student support services
- Comprehensive career services

### **Carnegie Building, 2nd Floor**

2395 Sixth St., NW  
Washington, D.C. 20059  
Phone: 202-806-4029

## Student Health Center

### **Our Location**

The Howard University Student Health Center is located in the Medical Arts Building on the campus of Howard University in the heart of Washington, D.C.'s historic U Street/Shaw neighborhood. The center is accessible from the Howard University/Shaw Metro Station on WMATA's Green Line. If you are traveling by car, click the "Directions" link on the map above and populate your starting address. Paid parking is also available on the adjacent Howard University Hospital campus and directly across from Starbucks on Georgia Avenue.

### **Contact Information**

HU Student Health Center

Medical Arts Building  
2139 Georgia Avenue, NW, 2nd Floor

Washington, D.C. 20059

Tel: 202-806-7540

Fax: 202-250-5655

Email: [studenthealthforms@howard.edu](mailto:studenthealthforms@howard.edu)

Email: [ohc@howard.edu](mailto:ohc@howard.edu)



## **Health Center's Hours Of Operation**

Monday - Friday  
8:30 a.m. - 5:00 p.m. Fall and Spring Semester

The Student Health Center is closed on weekends and follows a University approved holiday schedule, early dismissals, and closures.

## **Schedule An Appointment**

Visits to the Student Health Center and Office of Health Education (Wellness Center) are by appointment only. Students may schedule an appointment by calling 202-806 7540 or clicking on the [Schedule An Appointment](#) link. If you need to reschedule or cancel, call the office at 202-806-7540. When appropriate, telehealth appointments are also available.

## **The University Counseling Service (UCS)**

The University Counseling Service (UCS) is a (currently virtual) campus resource to support your mental health.

### **How can we help?**

There are a variety of services to meet the myriad student needs at Howard University.

At UCS, we direct students to services depending upon their needs, availability and, local and state guidelines on teletherapy and the best standard of care. UCS services include one-on-one sessions with a counselor, group therapy sessions, and medication management. In some cases, UCS may refer students to providers and resources in the UCS referral network.

Appointments are scheduled by emailing [HUCounseling@howard.edu](mailto:HUCounseling@howard.edu), then replying to the request for scheduling email that is automatically sent from the UCS account.

To start services, you will meet with a staff member for an initial intake or consultation appointment. This initial interview appointment is used to discuss your needs so UCS can determine the most appropriate services for you. Please plan to spend approximately 45-60 minutes to complete the intake/consultation process at UCS. The appointment is conducted on MS Teams (or phone when required). Your intake interviewer will follow up with you within 1-3 business days after the Tuesday after your intake/ consultation appointment. This after-Tuesday time frame allows the UCS team to review the weekly new cases, and assign them to an appropriate provider.

### **University Counseling Service**

202-806-6870 - 8:00 AM to 4:00 PM

#### **Crisis Line:**

202-345-6709 - After 4:00 PM

#### **Location**

Harriet Tubman Quadrangle

2401 4th Street NW, Lower Level

Washington, D.C. 20059

## Various Student Services and Support

### Disability Support Services & Testing Center

<https://studentaffairs.howard.edu/diversity-inclusion/disability-services>

Disabled students, who would like to be familiarized with the University campus, its programs, activities, or services, are invited to telephone, visit, or write the *Disability Support Services Office* and the *Testing Center* in the Undergraduate Library (UGL). 500 Howard PI NW, Sublevel 1, Suite L013 Washington, DC 20059 Phone 202-238-2420. A comprehensive program of orientation is available.

### Office of Military & Veterans Services (OMVS)

<https://studentaffairs.howard.edu/OMVS>

The Military and Veterans Services Office (OMVS) provides support for all military-connected students and their families including veterans/prior service, active duty, reservists, National Guard, ROTC, retirees, spouses and children in their educational goals, while also engaging the university community in creating an inclusive, transformational environment that provides a platform for innovation and inclusion. The Military & Veterans Services office serves as a bridge between the US Department of Veterans Affairs (VA) and Howard University.

Howard University is approved by the VA to certify veterans' education benefits for approved undergraduate and graduate programs of study. The OMVS facilitates the certification of enrollment process for student to request VA benefits. The following is a list of the approved veteran benefits that are offered at Howard University: Chapter 30 - Montgomery GI Bill®, Chapter 31 - Veterans Readiness & Employment, Chapter 33 - Post 911 GI Bill®, Chapter 35 - Dependents' Educational Assistance (DEA) Program, Chapter 1606 - Montgomery GI Bill®, and the Yellow Ribbon Program. To learn more about these benefits visit <https://www.va.gov/education>

Howard University ensures the following regulations of administering VA education benefits:

- Except for dissertation and limited research courses, the VA will not pay for the student to repeat any course that is successfully passed.
- The school agrees to maintain a written record of previous education and training of veterans (and all eligible persons for veterans' benefits) which clearly indicates that appropriate credit has been given by the school for previous education and training, with the training period shortened proportionately, and the student and the Department of Veterans Affairs so notified.
- "GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <http://www.benefits.va.gov/gibill>."

For more information on using your VA Educational Benefits at Howard University, please visit our website <https://studentaffairs.howard.edu/OMVS> or contact us by phone at 202-238-2422 or email [veterans@howard.edu](mailto:veterans@howard.edu).

### **Pending Payment Compliance Statement in Accordance with Title 38 US Code 3679(e)**

In compliance with Title 38 United States Code Section 3679(e), Howard University has updated its academic regulations regarding participation of covered individuals in courses of education and the prohibition of

assessment of penalties for those individuals related to delayed VA funding. Covered Individuals: A covered individual is any individual who is entitled to receive educational assistance under one of the following chapters: Veteran Readiness and Employment (Chapter 31) or Post-9/11 GI Bill® (Chapter 33) benefits.

To qualify for this provision, such students may be required to:

- Produce the VA Certificate of Eligibility (COE): A certificate of eligibility can also include a Statement of Benefits obtained from the Department of Veterans Affairs' (VA) website – eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes.
- Certification to Receive Veterans Benefits: Students must notify the Office of Military & Veterans Services each semester that they are ready to be certified. Failure to notify the office may result in classes not being certified and students may be dropped from their classes.
- Students must follow a Howard University College degree plan to receive their benefits. Students should meet with a counselor every semester for assistance in selecting courses.

Howard University will not impose any penalty, on any covered individual because of the individual's inability to meet his or her financial obligations to Howard University due to the delayed disbursement funding from VA under Chapters 31 or 33 including:

- the assessment of late fees,
- the denial of access to classes, libraries, or other Howard University facilities, or
- the requirement that a covered individual secure additional or alternative funds.

### **Compliance Statement in Accordance with Section 1018 of Public Law 116-315**

In compliance with Section 1018 of Public Law 116-315, Howard University will update its academic regulations regarding participation of covered individuals in courses of education and will not enact policies that violate these laws. Covered Individuals under Title 38 United States Code Section 3679(e): A covered individual is any individual who is entitled to receive educational assistance under one of the following chapters: Montgomery GI Bill ® (Chapter 30), Veteran Readiness and Employment (Chapter 31), Post-9/11 GI Bill® (Chapter 33), Dependents' Educational Assistance (DEA) (Chapter 35), or Montgomery GI Bill ® - Selected Reserve (Chapter 1606) benefits.

Howard University will:

- Ensure each covered individual approves of the enrollment in a course by requiring each student to request certification every semester with the Office of Military and Veterans Services.
- Allow enrolled members of the Armed Forces, including reserve components and National Guard to be readmitted if such members are temporarily unavailable or must suspend enrollment by reason of serving in the Armed Forces.
- Accommodate short absences for such services in the Armed Forces provided that satisfactory academic progress is being made by the service members and reservists prior to suspending their studies.

Services and/or assistance to military-connected students studying at Howard University are available through the Office of Student Services, in the following areas: academic tutoring, housing, financial aid, employment, and other areas of special interest or concern. The Office of Military and Veterans Services (OMVS) is located at the Harriet Tubman Quadrangle (The Quad), 2455 4th NW, Lower Level, Washington, DC 20059.

### **Reserve Officers' Training Corps (ROTC)**

<https://coas.howard.edu/degrees-programs/rotc-howard-university>

ROTC offers a program that leads to a commission as an officer in the Army or the Air Force. It is an elective and can be taken by those who desire it just like any other course. For additional information, call Army ROTC at (202) 276-5142 or Air Force (including Space Force) ROTC at (202) 806-6788. Students interested in the Navy ROTC can participate at partner schools.

## Dedication, Drive, and Discipline

It takes a unique individual to succeed in ROTC. The goal of these programs is to help students become officers and leaders in the U.S. Air Force, U.S. Space Force and U.S. Army, so you will need to meet — and maintain — program standards.

## Classes and Leadership Training

ROTC provides you with the tools to become an Air Force or Army Officer without interfering with your other classes.

ROTC also provides discipline and money for tuition while enhancing your college experience.

- **Interested in AF ROTC?**

Take a look at what defines us: <https://www.afrotc.com/about/what-defines-us/mission/>

- **Interested in enrolling in Army ROTC while you're in college?**

*Start by taking an Army ROTC basic elective course.*

*If you have at least two or more years remaining toward your undergraduate degree but not enough time to complete the Basic Course, you can enter the Army ROTC Advanced Course by completing the [Leader's Training Course](#) held at Fort Knox, Kentucky, during the summer.*

Talk to our Military Science and/or Aerospace Studies departments about other ways to join our ROTC programs and learn more about the incentives that are available, including opportunities to compete for two-, three-, or four-year scholarships!

## International Student Services

<https://provost.howard.edu/international-engagement/international-student-services>

The Office of International Student Services promotes, provides, and supports international and intercultural educational opportunities for the Howard University community and others by serving as an information and advising resource, providing international student and scholar services and coordinating special projects. The Office International Student Services also facilitates the integration of international students and scholars into the Howard community and promotes awareness of the important contributions of this group to the mission and international character of the University. Finally, ISS serves as a resource center for information often needed by members of the international and University communities, and functions as an advocate for international students, staff and scholars.

### **Immigration Advising for International Students includes the following:**

- Production of immigration documents
- Updating and record-keeping of immigration documents and SEVIS records
- Maintenance of status and enrollment requirements
- Travel requirements and visa applications
- Changes of immigration status

- Work authorization

## Regulations

Immigration and Naturalization Service (INS) regulations governing nonimmigrant international students require that all students in the “F-1” and “M-1” visa categories be engaged in a full course of study. Undergraduates with “F-1” visas are required to be registered at all times for a minimum of 12 credit hours of course work. Graduate students with “F-1” visas and all “J-1” visa holders are not required to take a specific number of credit hours as long as they are engaged in a full course of study as determined by their departments. Students must maintain full-time status throughout the semester. A student who begins with 12 credit hours or more but then drops courses later and no longer carries 12 credit hours is considered a part-time student. Students who do not meet these requirements are in violation of their immigration status and jeopardize their stay in the United States. All financial arrangements for study at Howard University must be made prior to registration time.

It is each student’s responsibility to maintain legal immigration status while in the United States and must make sure that their authorized stay in the country has not expired (see 1-94 form); that their passports are valid for at least 6 months at all times; that they are registered every semester as a full-time student; that they do not work off campus without permission of the INS; that they attend the school that the INS last authorized you to attend.

International students must apply to INS to (1) extend their authorized stay in the United States, (2) obtain permission to work off campus and (3) transfer from Howard University to another school or from another school to Howard University. Further information and appropriate application forms can be obtained from [International Student Services in Room G- Administration Building.]

If a student’s immigration status change for any reason — for example, from a tourist visa to student visa or from student visa to permanent resident — are required to immediately inform International Student Services so that the University will have accurate records. International students are required to provide their current address.

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## Bookstores

**THE UNIVERSITY BOOKSTORE** is located at 2225 Georgia Ave. NW. It stocks textbooks, reference materials, academic supplies, art, computer hardware, software, apparel, and gifts. Hours of operation are 9:00 am to 6:00 pm Monday through Friday (except Thursday); 9:00 am to 7:00 pm Thursday; 10:00 am to 4:00 pm Saturday. To contact the Howard University Bookstore, please call (202) 238-2640.

**THE SCHOOL OF LAW BOOKSTORE** is located at 2900 Van Ness St. NW on the lower level of Holy Cross Hall. It provides course books, study aids, legal outlines, school supplies, and convenience items. Hours of operation are 9:00 am to 5:00 pm Monday through Friday. To contact the School of Law Bookstore, please call (202) 806-8108.

## Office of the Registrar

<https://howard.edu/registrar>

The Office of the Registrar is the official Howard University repository of academic records. Located in Room 105 in the Administration Building, the Office of the Registrar is responsible for recording and reporting grades, issuing transcripts, certifying enrollment, coordinating class scheduling, managing consortia and domestic exchange programs and maintaining official student academic records. Follow us on twitter (@HowardRegistrar) for all pertinent updates. For BisonWeb PIN resets, please contact us at [registrar@howard.edu](mailto:registrar@howard.edu).

## Enrollment Verification

### Enrollment Verification

Enrollment verifications are available online via [BisonWeb](#) once registration has ended for that term. This official certificate is generally available two to three weeks after the semester has commenced. Students who need proof of enrollment can access their Advanced Registration certificate via BisonWeb if they have registered prior to the first week of classes. Students can generate, save and print an enrollment verification directly from their computer. Howard University will certify current or past enrollment. The university cannot verify enrollment for future semesters.

Please follow the instructions below to access your enrollment verification.

- Log into BisonWeb
- Select the "Student Services"
- Select the "Enrollment Verification Request"
- Select the radio button for either
  - Current Enrollment (currently unavailable)
  - All Enrollment (available for Fall 2022 registration and prior terms)
  - Advanced Registration (available for students registered on or prior to August 19, 2022)
- Once a selection has been made, please select "Obtain an Enrollment Certificate"
- Print PDF

If you are registered and cannot access your enrollment verification certificate, please contact us at [registrar@howard.edu](mailto:registrar@howard.edu) with email subject "[your student ID number] Enrollment Verification Request]" for further assistance.

An enrollment verification is an official document which provides a student's enrollment status. It does NOT include individual course or grade information, and does not provide a student's GPA. An enrollment verification document can be used whenever enrollment verification of a student's status is required for scholarship purposes, medical coverage, loan deferments, jury duty, car insurance, and so forth.

An enrollment verification shows the following information:

1. Student Name
2. Semester(s) Enrolled
3. Start and End Dates of Each Semester
4. Status: Less than 1/2; Half-Time; Full-Time;
5. Expected Graduation Date

**Howard University has authorized the [National Student Clearinghouse](#) to provide enrollment certificates for former and currently enrolled students. These are official certificates and do not require additional certification from the Office of the Registrar. However, please note that it may take up to five business days for the NSC to process the latest enrollment information.**

In all such cases, the information released about students shall satisfy the provisions of the Family Educational Rights and Privacy Act of 1974 and University policy.

## Transcripts

### Requesting Official Transcripts

Requests for official Howard University transcripts are fulfilled through the [National Student Clearinghouse](#): a trusted source for secure transcript delivery. Please visit the [Transcript Ordering](#) webpage to initiate your request. You may use your student ID number *OR* SSN number to initiate your request. To initiate a transcript request for electronic delivery via [BisonWeb](#), please go to **Student Services -> Student Records -> Request Printed/Official Transcript**.

Each academic transcript issued by the Office of the Registrar reflects, in chronological order, the COMPLETE and UNABRIDGED history of ALL academic endeavors attempted and/or earned by the student at Howard University. Partial transcripts are not furnished. Students may also obtain unofficial transcripts for free via [BisonWeb](#). The Office of the Registrar does not issue unofficial transcripts.

### Cost and Payment Method

All Howard University transcripts are \$8.25 per copy. You can pay for your transcript order with any major credit or debit card. Your card will not be charged until we have sent your transcript(s). However, if you are using a debit card, your bank may put a hold on your funds when we pre-authorize your payment. If you have questions about the pre-authorization, please contact your bank.

### Tracking Options

Order updates will be sent to you via email, and via text messages if you select this option. You can also track your transcript order online.

### Processing Time and Delivery

Transcript requests are processed in the order they are received. Normal processing time is 2 business days. However, requests received for individuals who attended prior to 1985 may take 3 to 5 business days.

### Processing Option:

Now - Transcript reflects current grades and classes as of the date requested.

### Current Delivery Options:

Electronic: **ONLY generally available for 1990 graduates to present (Note: if you graduated prior to 1990 and your academic records are present in [BisonWeb](#) via [Student Records -> Academic Transcript](#), you may also request your transcript via the Clearinghouse)**

- Expiration: 30 days
- Printing is allowed
- Copying and Modify is not allowed

## Hold

Transcript orders are processed by the Howard University Office of the Registrar. **If you have a hold on your student record the university will not process your transcript request until it has been resolved.**

## **Written Requests (unavailable at this time)**

### **Student Records**

**POLICY GOVERNING THE MAINTENANCE OF STUDENT RECORDS, THE RIGHTS OF STUDENTS REGARDING SUCH RECORDS, AND THE RELEASE OF INFORMATION ON STUDENTS TO THIRD PARTIES** Approved by the Board of Trustees, September 27, 1975

#### **IT IS THE POLICY OF THE BOARD OF TRUSTEES OF HOWARD UNIVERSITY THAT:**

Students should have access to information about themselves in the University record-keeping systems. An individual student shall be accorded the right to correct or amend, upon reasonable request, an inaccurate record. The information contained in a student's educational record file shall not be disclosed or used for other than authorized University purposes without his or her written consent unless required by law. Student files shall be retained for a reasonable period of time. The Office of the Vice President for Student Affairs is hereby charged with the responsibility of implementing the policy within the following guidelines.

#### **GUIDELINES**

**Confidential Nature of Student Records**—Student educational records, except as herein set forth in this policy statement, shall be kept confidential, with respect to requests made by all persons other than appropriate school officials, as determined by the President, or other Executive level officers of the University or parents of a dependent student, as defined for income tax deduction purposes in Section 152 of the U.S. Internal Revenue Code.

**Release of Information to Investigators** — When written consent has been received by the University from a student who is the subject of a governmental or employment investigation, information requested by such investigator from records or such students may be released through authorized staff personnel of the University within whose offices such records are maintained upon proper identification of the investigator. Investigators must adequately identify themselves through the display of official credentials, must indicate the agency they represent and demonstrate a satisfactory basis for their request. Even as to such investigators, information in student records, not priority released will be withheld if a student timely notifies Office of the Registrar in writing that he or she has withdrawn his or her prior consent. Student consent forms with reference to their educational records should be filed with the Office of the Registrar that will, in turn, notify appropriate offices of the University that such consent has been given and in the event, such consent is withdrawn will direct these offices to discontinue release of such information.

**Student Educational Records** — The Office of the Vice President for Student Affairs shall prepare annually a list of the various categories of student educational records extant in the University. This list shall be promulgated in such ways as to afford students an opportunity to know of the kinds of records kept and their location. The list shall contain a summary explanation of the kinds of records kept under each category (e.g., Academic Records), and the cost, if any, which will be charged to the parent or student for reproducing copies of such records. It shall be known as the Student Educational Records List.

**Student Addresses and Telephones** —Officers and employees of the University will not normally release addresses or telephone numbers of students to persons not officially connected with the University. There may be an exception in cases of emergencies. Requests under claimed emergencies will be referred to the Office of the Dean for Special Student Services or the Office of the Dean of Residence Life for the purpose of making a judgment as to whether, under the circumstances, such information should be released.



## **Student Review of Records**

A student may make a written request to review an educational record of a type found on the Student Educational Record List at any appropriate University office at any reasonable time. Upon receipt of such requests, the office involved will make the arrangements necessary to accommodate requests for review of student records as soon thereafter as practicable. A student may waive in writing the right to review letters of recommendation written on his or her behalf or at his or her request which has been placed in his or her educational record after January 1, 1975. If a student challenges the contents of his or her student educational records on the grounds that they are either inaccurate, misleading or otherwise recorded in violation of his or her rights he or she shall be accorded a hearing in order to provide an opportunity for the correction or deletion of any inaccurate, misleading or otherwise inappropriate data contained therein, and to insert into such record, where found to be warranted, a written explanation from an appropriate source respecting the content of such records. The hearing shall be conducted by a person designated by the President of the University or his designee. Such person shall not have a direct interest in the outcome of the hearing. It should be expressly understood that such a hearing is not to be used as a forum to contest whether a teacher should have assigned a higher grade because a student or parent believes that the student was entitled to a higher grade.

## **Records Not Subject to Review**

Records maintained by the University with respect to which a student does not have a right of review include but are not limited to instructors' or administrators' notes, financial statements submitted by parents in support of applications for financial aid, and letters of recommendation received by the University prior to January 1, 1975.

## **Faculty Review of Student Academic Record**

Individual faculty members may review academic records of their students with the students' consent, except that such consent shall not be necessary for faculty members who serve as advisors and other administrative officers or counselors of the University in the discharge of their official functions. Research Involving Student Records The University recognizes research by graduate students, faculty, and administrative staff as a fundamental component of its overall mission. Occasionally such research involves the use of data that is to be extracted from student records which are essentially confidential. Approval to conduct such research must first be obtained from the person in charge of the involved discipline(s) and, following this, authorization to utilize student records must be obtained from the administrative officer under whose jurisdiction the records which are to be utilized are maintained. In such instances, the administrative officer maintaining custody of such records shall make every effort to ensure the anonymity of identifying information contained in the records utilized.

## **Removal of Records from Custodial Office**

Except, as required, in cases involving litigation, a student's permanent academic record may not be removed from the Office of the Registrar. Copies of the content of such records may be made available to administrative staff officials in conducting official business involving such records.

## **Retention of Student Records**

Admission applications (of individuals who actually enroll) and academic records shall be maintained indefinitely by the Office of the Registrar. Records of student financial indebtedness to the University shall be maintained on an indefinite basis. Health records on students shall be kept for a period of five years after graduation or anticipated date of graduation. Student personnel records shall be retained for two years following graduation. Disciplinary records of students involving sanctions less than expulsion or indefinite suspension shall be maintained by the Office of the Vice President for Student Affairs for a period of five years following the graduation of such individuals except that in cases where the student does not graduate, the

record shall be maintained for a period of eight years following the last enrollment. Records of students who are expelled or suspended indefinitely, whether for academic, health or disciplinary reasons, shall be maintained on an indefinite basis. Records of convictions of students who are convicted in civil courts of (1) misdemeanors involving moral turpitude, and (2) all felonies may be retained by the Office of the Vice President for Student Affairs for a period of five and eight years, respectively, following such convictions.

### Requests for Judicial Process

When any subpoena or other judicial order is issued requesting information about a student, the officer receiving the order or subpoena shall immediately contact the Office of the General Counsel.

## **ADMINISTRATIVE PROCEDURES RELATING TO THE RIGHTS OF STUDENTS REGARDING RECORDS MAINTAINED ON THEM BY HOWARD UNIVERSITY**

1. The University will at least annually, provide notice to students, of the following:
  1. the types of educational records and information contained therein directly related to students and maintained by the University;
  2. the name, position, and campus location of the official responsible for the maintenance of each type of record to which students have a right of access; and
  3. the categories of information, if any, which the University has designated as directory information.
2. A student desiring to review a reviewable University record shall execute in writing a form entitled "Request for Review of Student Record" obtained from and provided by the office concerned. A record of all requests for review of records by students, including the disposition thereof, shall be maintained by all offices of the University in which such requests are made. In instances in which a student requests a review of the contents of a University record, the office involved shall provide for such review with an appropriate official of the office within a reasonable time. Costs incurred in connection with furnishing a student a copy of anything contained in the University record and requested by such student will be borne by the student. Such appropriate costs will be established by the Vice President for Fiscal Affairs in consultation with the Vice President for Student Affairs.
3. A student, who after having reviewed a University record, is of the opinion that such record contains information or material that is inaccurate, misleading or should not be maintained by the University, must first execute in writing a form entitled, "Request for Purge/Removal of University Record" obtained in the office concerned. Upon the receipt of such request, the administrative officer of the office involved shall carefully review the request and make an appropriate disposition. In considering such request, the University official(s) involved will make a diligent effort to resolve the matter informally, amicably and in the best interests of the student and the University. If the student making the request objects to the action taken, he/she may request in writing a hearing in which the propriety of the action taken may be contested. It should be expressly understood that such a hearing is not to be used as a forum to contest whether a teacher should have assigned a higher grade because a student believes that he or she was entitled to a higher grade.
4. Upon notice that the student wishes to have a hearing, the office involved shall notify in writing the Office of the General Counsel of the University. A hearing officer, for the purpose of hearing appeals requested by students, shall be designated by the Office of the General Counsel. The hearing officer shall schedule the date, time and place of such hearing. Upon notice from the hearing office, the Dean or Director of the office involved shall provide written notification to the student as to the date, time and place of the hearing. The Dean or Director will select one person to be the University representative at such hearing.
5. At all such hearings, the student and the University representative will be accorded the following procedural rights:
  1. Advance notice of the date, time, and place of the scheduled hearing
  2. Personal appearance
  3. To present their case or have the same presented in their behalf by anyone of their choice;
  4. To present evidence and to call witnesses.

6. The hearing officer will render a written decision and provide the student petitioner and the University representative with a copy of the decision within a reasonable period following the conclusion of the hearing. Where the student involved receives an adverse decision, he shall have a right to petition the Vice President for Student Affairs for an appeal. Both the student and the University representative may submit a written argument in support of their position. The Vice President for Student Affairs may decide on the petition that no further hearing of the matter is required or he may decide to reopen the matter and hear the case over again. Where the Vice President for Student Affairs determines that there need be no further hearing, the decision rendered by the hearing officer will be final. Where the Vice President for Student Affairs decides to reopen the case, the decision rendered by him shall be final.

## **STUDENT EDUCATIONAL RECORD LIST**

Records the University maintains on students are described and listed below. Offices maintaining such records are specified and their locations indicated. These offices are open Monday through Friday (except holidays) from 8:30 am until 3:00 pm.

Academic records — Academic records on students contain applications for admission, (including applications for readmission), the Howard University permanent record (containing all grades duly recorded), instructors' grade reports, and copies of official forms or reports reflecting, special grade reports and records of all total withdrawals from the University by students. The above records are maintained by and located in Office of the Registrar, Suite 104, Mordecai Wyatt Johnson (Administration) Building.

## **SPECIAL NOTE ON ACADEMIC RECORDS**

Records bearing directly on the academic status of students are also maintained in the offices of the appropriate academic Dean, the department in which students' major programs are supervised and coordinated as well as the offices of student advisors of the respective schools and colleges in which such students are enrolled. These records generally include SAT (Scholastic Aptitude Test) and CEEB (College Entrance Examination Board) scores, high school transcripts, college/university transcripts for institutions previously attended, high school equivalency (GED) scores and certificates of completion (in specialized areas), and the like, such as-in the case of international students-a certificate evidencing adequate familiarity with the English language. The locations of these specific offices may be ascertained by inquiring at the office of the appropriate academic Dean.

## **Violations of the University Code of Conduct and Criminal Laws Records**

Records on individual students who have been implicated in violations of the University Code of Conduct and/or locally operative criminal laws and as a result of which the University Office of Security and Safety Services has become involved. Records of the above-listed incidents are maintained by and are located in the Office of Security and Safety Services, 2nd floor, Service Center Building, 2244 10th Street NW (202-806-1073).

## **Disciplinary Records, Student Misconduct Records, and Records of Infractions of Code of Conduct**

Records of student conduct involving infractions of conduct standards established for students are maintained by and are located in the Office of the Dean for Special Student Services, Room 725, Howard Center, 2225 Georgia Avenue.

## **Financial Aid Records**

Financial aid records of students contain applications for financial aid or part-time employment (including work study), credentials submitted in support of such applications' loans as well as information on action taken on

such applications. These records are maintained by and are located in Financial Aid. Records of specialized financial aid which is pursued through direct application to departments of one's specialization are maintained by and located in such departments.

### **Student Financial Services**

An individual's account record reflects all financial transactions made with the University in connection with the payment of required tuition, fees, room rent, and special assessments such as library book charges, and the like. Any adjustment made in the account, for whatever reason, is similarly reflected. This record is maintained by and located in Student Financial Services/Student Accounts, Suite 115, Administration Building.

### **Student Employment**

Records are maintained on students who apply for employment through the Office of Career Planning and Placement. These records contain the subject's resume and letters of recommendation, if any, such as are submitted at his/her request. Such records are maintained by and are located in the Office of Career Planning and Placement, Wing I, Second Floor, C.B. Powell Building. Members of the faculty, student body, or staff who have questions regarding the information above are invited to inquire at the Office of the Dean for Special Student Services, Room 725, Howard Center on the main campus, or by telephone at (202) 806-2120.

## **Howard University Student Code Of Conduct and Judiciaries**

### **Preamble**

Howard University affirms that the central purpose of a university is the pursuit of truth, the discovery of new knowledge through scholarly research, the teaching and overall development of students, and the transmission of knowledge and learning to the world at large. However, the establishment and maintenance of a community where there is freedom to teach and to learn is dependent on maintaining an appropriate sense of order that allows for the pursuit of these objectives in an environment that is both safe and free of invidious disruption.

Rules and regulations are necessary to mark the boundaries of this needed order. However, the rights of the individual demand that honesty, integrity, responsibility, and respect for persons and property must form the core values upon which those rules and regulations are based. All members of the University community share a mutual responsibility to practice these values.

It is expected that student conduct will be in concert with, and supportive of, the University's central purpose and core values. Examples of prohibited student behavior are described in this Student Code of Conduct ("Code"). Behaviors that reasonably indicate a violation of the Code will give rise to the immediate consideration of resolution through the University's disciplinary process.

The Code is applicable to all students, which includes all persons taking courses at the University, either full-time or part-time, pursuing undergraduate, graduate, professional or unclassified studies. Persons who withdraw after allegedly violating the Code, who are not officially enrolled for a particular semester or term, but have a continuing relationship with the University, or who have been notified of their acceptance for admission are considered "students," as are persons who are living in University residence halls, although not enrolled in this institution. Those persons include, but are not limited to new, continuing or transfer students, participants involved in pre-college programs, workshops, seminars, special classes, summer programs, athletic programs, and camps affiliated with the University. The Code applies to all locations of the University and to all student groups and organizations as referenced in the Code.

It is the responsibility and duty of students to become acquainted with all provisions of the Code. It is presumed that every student, from the date of his/her initial acceptance at the University, has knowledge of

the Code, the Academic Code of Conduct, the University Code of Ethics and Conduct, as well as policies and procedures contained in the H-Book, the Bulletin, and the Directory of Classes. All students are deemed to have agreed to the Code and are required to adhere to the Code as a condition of enrollment at the University.

## Section I: Scope, Limitations, and Applicability of the Code

The Code applies to incidents occurring on campus and, as further explained below, to some situations occurring off-campus. Incidents that involve students and that occur at institutions that are part of the Washington Metropolitan Area Consortium of Universities are also subject to this Code. Students who are involved in clinical rotations, practicum, internships, externships or other activities directly involved with an academic program of study are also subject to the Code.

The actual daily administration, enforcement, and operation of the University's judicial program are delegated to the Office of the Dean for Special Student Services (ODSSS).

This Code does not address academic offenses. The University's schools and colleges administer the academic disciplinary process. Students must contact the appropriate school or college for information on disciplinary procedures regarding academic issues.

Judicial action against any student committing a violation of the Code off-campus will be considered on a case-by-case basis upon receipt of the filing by a Complainant of an Allegation of an Off-Campus Violation of the Howard University Student Code of Conduct form. The Complainant must obtain the form from the ODSSS, and the form must be completed and returned to that office. After review of the form, ODSSS will make a determination of its appropriateness for University disciplinary action. Examples of off-campus matters that would typically be excluded from resolution under the Code are landlord/tenant disputes, certain personal business matters with offcampus entities, and non-violent domestic issues. Disciplinary action may be taken with respect to any student convicted of, or charged with, a felony or misdemeanor, as delineated in **Section V: Special Provisions on Students Charged With Or Convicted of A Criminal Act.**

Depending on the severity or nature of the charge, students who violate the Code are subject to a range of disciplinary actions up to and including suspension or expulsion and may be barred from all University-owned and operated the property and all University-sponsored events and activities.

The consequences are serious for students who are charged and/or found guilty of misconduct under this Code. Therefore, any member of the University community, who knowingly and willfully misuses the procedures of the Code to harm another member of the University Community, shall be subject to disciplinary action.

## Section II: Cooperation with Law Enforcement Authorities

The University cooperates fully with law enforcement authorities and violations of the Code that are also violations of federal or local law may be referred to the appropriate non-University authority. Proceedings under the Code may be carried out prior to, simultaneously with, or following civil or criminal proceedings off-campus at the discretion of the Dean for Special Student Services. Determinations made or sanctions imposed under the Code shall not be subject to change because criminal charges arising out of the same facts as a result of the violation of University rules were dismissed, reduced, or resolved in favor of or against the criminal law defendant.

The Howard University Police Department (HUPD) works closely with area law enforcement agencies, particularly the Washington, DC Metropolitan Police Department (MPD). HUPD officers have full powers of arrest, search, and seizure on all University-owned and operated property and are usually the first to respond to calls for police services on campus. However, complainants may request that MPD respond to any reported offense or incident that may violate the law.

## Section III: Student Rights, Freedoms, and Responsibilities

With appreciation for the tradition of freedom of expression on campus, the University reasserts its commitment to fostering and tolerating different viewpoints. It acknowledges that points of view will diverge and that some students will believe it necessary to express themselves by means of protest. However, the University will not tolerate disruption to its academic mission nor the means of protest that interfere with the legitimate rights of others.

### 1. General Rights and Freedoms

Students shall have the following rights and freedoms: As members of the University community, all students are guaranteed freedom of expression, inquiry and assembly, the right to form a student government, organize groups, to join associations in support of any cause or common interest, and to peacefully protest, provided that such activity is conducted in a legal manner, is in accordance with University regulations, and does not abridge the rights of others.

Students have the right of fair access to all educational opportunities and benefits available at the University in an environment that is safe and free of invidious harassment, discrimination, or intimidation.

Students have a right to privacy in accordance with the policy expressed in the Family Educational Rights and Privacy Act of 1974 (FERPA).

Students have the right and responsibility to report, in good faith and without fear of retaliation, violations of this Code, the University Code of Ethics and Conduct, and violations of any other policy of the University, to appropriate academic or administrative officers of the University.

### 2. Procedural Rights and Freedoms

Students accused of violating this Code have the following rights: To have access to all University policies and procedures regarding the functioning of the disciplinary process.

To be informed of and to have explained as required the pending charges.

To be free from intimidation by University employees in the resolution of disciplinary matters.

To face accuser(s) and have the opportunity to cross-examine them and any witnesses.

To be free from searches or seizures unless based on reasonable cause by appropriate officials. In accordance with written procedures approved by the Vice President for Student Affairs, searches and seizures may be made by the Vice President for Student Affairs and his/her designee, housing staff, University officers and officials and University Police.

To have a fair and impartial hearing before an appropriately appointed hearing board, appeal board, or Administrative Hearing Officer.

### 3. Responsibilities

All students share the following responsibilities:

- To read, become familiar with and adhere to the Code, the University's Code of Ethics and Conduct, the Academic Code of Student Conduct, the H-Book, and the relevant academic Bulletin of the school or college in which the student is enrolled.
- To respect the personal and property rights of others and to act in a responsible manner at all times.
- To protect and foster the intellectual, academic, cultural, social, and other missions of the University.
- To observe the laws of local, state, and federal governments.

## Section IV: Emergency Action Suspensions and Involuntary Administrative Total Withdrawals

### 1. **Emergency Action Suspension**

As the Chief Executive Officer of the University, the President holds the ultimate authority in matters of student discipline. Unless otherwise exercised or modified by the President, this emergency authority is delegated to the Dean for Special Student Services. On rare occasions, this authority may be exercised on an exigent basis to protect a student's own physical or emotional safety and well-being, University property and/or the health and safety of particular individuals and/or the University community, or to prevent the threat of disruption of, or interference with, the normal operations of the University. On such occasions, the President or Dean for Special Student Services may take emergency administrative action to immediately suspend a student's enrollment. The student will be notified in writing and/or orally of this action and the reasons for the suspension. An Emergency Action Suspension Hearing (EASH) will be held as soon as one can be convened, within thirty (30) days from notification of action. The purpose of the EASH will be to determine if the student may remain enrolled until a regular Disciplinary Hearing, as described in Section V of the Code, is held and a decision is rendered. The notice will include the time, date and place of the hearing.

### 2. **Involuntary Administrative Total Withdrawals**

In situations where the University cannot effectively monitor or control the conditions or behaviors of certain students, it reserves the right to effect an Involuntary Administrative Total Withdrawal. In circumstances where the mental, emotional and/or physical welfare of the student and the various elements of the University community are in jeopardy, or where the student's behavior and conduct becomes an imminent danger, it may become necessary to take emergency action to temporarily or permanently separate a student from the campus community. Further, the University reserves the right to contact the student's parent, guardian, or next of kin in the event of a medical emergency.

The Family Education Rights and Privacy Act (FERPA, 34 CFR 99.36) provides for the release of normally protected student information when it is believed that the student represents a health or safety risk to self or others.

This policy will be instituted in the event that a student (a) demonstrates behaviors or lack of good judgment, suicidal behaviors, self-destructive behaviors, or has untreated or uncontrollable medical or mental conditions which result in actual or possible imminent danger of injury to themselves or members of the University community; (b) demonstrates an inability, without adequate care, to satisfy personal needs, to include activities of daily living, nourishment and maintenance of shelter; (c) demonstrates a behavior due to mental, emotional, or medical incapacitation which poses an imminent danger of causing significant property damage, or directly and substantially impedes the lawful activities of others, interferes with the educational process or the orderly operation of the University; or (d) fails to comply with requirements to adhere to the instructions and guidelines of the clinical/medical staff of the University Counseling Service, Student Health Center or Howard University Hospital, as a result of an episode of mental or medical crisis intervention.

During the period of involuntary administrative total withdrawal, a student may be denied access to the campus, classes, residence halls, University activities, and denied privileges for which the student might otherwise be eligible, as the Dean for Special Student Services may determine to be appropriate. In making this determination, the Dean for Special Student Services will consult with appropriate academic administrators and health care professionals, to include but not limited to the Dean for the University Counseling Service and the Medical Director of the Student Health Center.

## Timeline of Process

Howard University will schedule a hearing within thirty (30) days of the student's Emergency Action Suspension or Involuntary Administrative Total Withdrawal unless the student makes a written request asking that the hearing occur sooner than thirty (30) days. However, if the student submits a written request for an earlier hearing date, the hearing will not occur any sooner than ten (10) business days following receipt of the written request. The Dean for Special Student Services will notify the student in writing and/or orally indicate the reason for the Emergency Action Suspension or Involuntary Administrative Total Withdrawal and the date, time and place of the hearing. Appropriate University personnel may be present and/or consulted at this meeting. Parents, spouses, or any persons who would be of support to the student may, with the consent of the Dean for Special Student Services and the student, participate in the hearing.<sup>1</sup> At the hearing, the University will state its reasons for concern and the student will be given an opportunity to respond.

The Dean for Special Student Services will notify the student in writing of the decision and the basis for the decision within ten (10) business days of the hearing.

If it is determined that the student does not present a threat to himself/herself or others, the student will be permitted to continue as a student. If the decision is that the Emergency Action Suspension or Involuntary Administrative Total Withdrawal shall remain in effect, the communication will indicate what, if any, stipulations may govern his or her return to the University. Such stipulations may include providing certification from a healthcare professional indicating the student is able to return to the University. The Section 504 Coordinator may be involved when a student seeks a return to the University.

## Appeal

Students who wish to appeal Emergency Action Suspensions and Involuntary Administrative Total Withdrawals shall submit their appeal to the Dean for Special Student Services, who will forward the appeal through the Vice President for Student Affairs to the Provost or to the Senior Vice President for Health Sciences. In those cases where internal and/or external health professionals were consulted, a report of findings and response to the appeal will be obtained. In those cases, where internal and/or external health professionals were consulted, a report of findings and response to the appeal will be obtained.

In addition, the President or Dean for Special Student Services may require the student, at his or her expense, to obtain a psychiatric/medical evaluation from appropriate professionals external to the University to be presented. The Office of the General Counsel will be consulted for legal advice before a final decision regarding the appeal of an emergency action is reached. There shall be no further appeal of this decision.

## Section V: Emergency Action of Students Charged with a Criminal Act

A student charged with a crime, either a misdemeanor or felony, by any local, state, or federal entity may be subject to an Emergency Action Suspension by the Dean for Special Student Services.

In addition, disciplinary proceedings may be instituted against a student charged with conduct that potentially violates both the criminal law and the Code without regard to the pendency of the civil or criminal litigation in court or criminal arrest and prosecution. Proceedings under this Code may be carried out prior to, simultaneously with, or following civil or criminal proceedings off-campus at the discretion of the Dean for Special Student Services. Determinations made or sanctions imposed under this Code shall not be subject to change because criminal charges arising out of the same facts giving rise to a violation of the Code were dismissed, reduced, or resolved in favor of or against the criminal defendant.

Emergency Action Suspension of a student charged with a criminal act will occur only in situations where the University determines there is a risk of substantial harm to the health or safety of the student or other



individuals or to prevent the threat of disruption of, or interference with, the normal operations of the University. An individualized assessment will be made after consultation with the Office of the General Counsel and after considering the best available objective information.

## **Timeline of Process**

Howard University will schedule a hearing within thirty (30) days of the student's Emergency Action Suspension, unless the student makes a written request asking that the hearing occur sooner than thirty (30) days. However, if the student submits a written request for an earlier hearing date, the hearing will not occur any sooner than ten (10) business days following the receipt of the written request. The Dean for Special Student Services will notify the student in writing and/or orally indicating the reason for the Emergency Action Suspension and the date, time, and place of the hearing.

A student may be suspended or expelled prior to the final resolution of the criminal matter, but a student has the affirmative duty to notify the University of the conclusion of the matter. After being duly notified of the scheduled disciplinary hearing, if the charged student is unable to appear due to incarceration or incapacitation at the time of the regular disciplinary hearing, the student may request in writing that the disciplinary hearing be postponed and rescheduled when he or she is able to appear, or after the conclusion of the criminal proceedings.

Additionally, the student has an affirmative duty to notify the University of any status change in the criminal matter. If a student does not provide such notice or fails to communicate with the University within one (1) calendar year, the University will take measures for permanent expulsion.

## **University Decisions Upon Criminal Conviction**

It is the University's policy that a student convicted of a felony shall be expelled from the institution, irrespective of the student's current enrollment status. A decision about the continued enrollment of any student convicted of a misdemeanor will be made on a case-by-case basis by the Dean for Special Student Services, which may be appealed through the Office of the Vice President for Student Affairs to the Office of the Provost or the Office of the Senior Vice President for Health Affairs for students in the Division of Health Affairs.

## **Section VI: Filing a Complaint and Request for University Disciplinary Action and Notification to the Accused**

Reports of violations of the Code may result from a written Incident Report taken by Campus Police. If a charge of a violation of the Code is not made as a result of such report, it is the responsibility of the Complainant, whether a student or University employee, to take action to pursue resolution of a violation. First, the Complainant must review the Code to determine the specific provisions violated by the Accused Student. Second, the Complainant must obtain, complete, and file a Request for Resolution of an Alleged Violation of the Student Code of Conduct form within fourteen (14) calendar days of the incident or knowledge of the incident. Forms submitted after this fourteen (14) calendar day period will only be resolved if extenuating circumstances are present, and require approval of the Dean for Special Student Services. More than one provision of the Code may be cited in the complaint form. The forms are available in the Office of the Dean for Special Student Services.

The Accused Student will be notified by the Dean for Special Student Services of an alleged violation by certified letter and/or telephone call and will be asked to report to the Dean for an interview. ODSSS will make reasonable efforts to contact the student at the local and/or permanent address.

## Section VII: Initial Administrative Action on Allegations of Violations of the Code

If a determination is made by Dean for Special Student Services that a violation of the Code may have occurred, the Complainant(s) and the Accused Student(s) will be contacted by the Dean for Special Student Services within fifteen (15) business days after receipt of the completed Request for Resolution of an Alleged Violation of the Student Code of Conduct form.

Both the Complainant(s) and the Accused Student(s) will be required to put in writing their accounts of the incident. Upon written notification, the Complainant(s) and the Accused Student(s) may request that their full written accounts be submitted to the Howard University Police Department and substituted for the incident statement. The Accused Student(s) will be informed of the allegation and related information, and he/she will be given an opportunity to provide his/her version of the facts, and allowed to plead "Responsible" or "Not Responsible." The Incident Statements of the Complainant(s) and Accused(s) will be shared with both parties, upon request.

If the Accused Student(s) fails to respond within six (6) business days of the date of the communication, the Dean for Special Student Services may proceed with scheduling and convene a hearing to resolve the matter.

A plea of "Not Responsible" by the Accused Student(s) will result in an automatic remanding the case to the appropriate hearing board or to an Administrative Hearing Office at the discretion of the Dean for Special Student Services. The Accused Student(s) and the Complainant(s) will be notified by mail of the date, time and place of the hearing.

All "Responsible" pleas by the Accused will result in an ODSSS review of the case and determination of appropriate sanction(s) to be imposed. The Complainant will receive written notification of the sanction(s). The sanction(s), not the plea, may be appealed in writing to ODSSS using the process for Filing an Appeal outlined in Section XVI, except when the Dean for Special Student Services appoints an Appeals Hearing Officer during periods when an Appeals Board cannot be convened.

## Section VIII: Prohibited Behaviors

The following is an illustrative list of the types of conduct, including actual conduct and attempts to engage in such conduct, which are prohibited by this Code. A reasonable suspicion that a student has engaged in or attempted to engage in, such prohibited conduct will result in the immediate consideration of disciplinary action under this Code.

### 1. **Safety**

1. Causing any condition that jeopardizes the safety of individuals, groups of individuals, or the University community; participating in conduct or behavior that explicitly endangers the safety and well-being of oneself or others.
2. Tampering with safety measures or devices, such as alarm systems, fire extinguishers, exit signs, emergency phone systems, smoke or heat detectors, fire hoses, security systems, locked exterior or interior doors, and sprinkler systems.
3. Failing to conform to safety regulations, such as falsely reporting an incident, failure to evacuate facilities in a timely fashion in emergency situations or in response to fire alarms, inappropriate use of the alarm system, and similar conduct.
4. Falsely reporting the presence or threat of a bomb or any other dangerous device or condition.
5. Having the knowledge of and not reporting an event or act that would potentially endanger members of the University community.

### 2. **Weapons**

1. Possession of weapons including firearms, items that eject projectiles, knives, or any item that any reasonable person would consider to have the possibility of doing bodily harm.
  2. Possessing, using, storing, or transporting firearms, other weapons, explosives, fireworks, ammunition, tear gas or dangerous chemicals, except as authorized for use in class, or in connection with University-sponsored research or other approved activities.
3. **Discrimination**  
Engaging in verbal or physical behavior directed at an individual or group based on national origin, race, creed, gender, religious beliefs, or sexual orientation that, according to a person of reasonable sensibilities, is likely to create an intimidating or demeaning environment that impedes the access of other students, faculty and staff to the educational benefits available to them as a member of the University community. The Code includes bias-related or hate crimes as defined in the DC Code. Wearing articles of clothing with derogatory, racist, discriminatory, patently offensive, profane, sexually explicit, or graphic messages either in words or pictures, which demonstrate bias or discrimination against any individual or group within the University community.
4. **Harassment**  
Engaging in verbal, electronic, visual, written or physical behavior directed at an individual or group that, in the view of a person of reasonable sensibilities, is likely to provoke or otherwise result in, a negative or injurious response, mental or emotional distress, or related reaction or consequence. This behavior may include:
1. Making an expressed or implied threat affecting another person's academic pursuits, University employment, or participation in activities sponsored by the University or organizations or groups related to the University, or;
  2. Engaging in unwarranted obstruction or interference with respect to educational, campus activity, or personal pursuits, employment or participation, which includes but is not limited to: behaviors or communications which detract or interfere with an instructor's ability to provide instruction in the classroom, laboratory, clinical practicum or clerkship, or any activity directly related to teaching, instruction or academic advisement and counseling, or any academic support services throughout the University community.
  3. Creating an intimidating or demeaning situation or environment or inflicting personal, social, academic, psychological or emotional harm, or undue stress.
5. **Sexual Harassment**  
The "Howard University Policy Against Sexual Harassment and Gender Based Discrimination in Education Programs and Activities" covers undergraduate, graduate and professional students, teaching and graduate assistants. With respect to academic programs and activities, "sexual harassment" shall mean unwelcome sexual advances, requests for sexual favors, and other electronic, verbal, visual, written or physical conduct of a sexual nature, when:
1. Submission to such conduct is made either explicitly or implicitly as a basis for any decision affecting the terms or conditions of participation in any organization, program or activity, or status or evaluation (including grades) in an academic course; or
  2. Such conduct has the purpose or effect of unreasonably interfering with a student's educational right, privilege, advantage, or opportunity.
  3. Such conduct is so pervasive or severe that it creates an intimidating, stressful, hostile, or offensive environment for learning and has no reasonable relationship to the subject matter of the relevant course of instruction.
6. **Assault**  
Any willful attempt or threat to inflict injury upon the person of another, when coupled with an apparent present ability to do so, and any intentional display of force such as would give the victim reason to fear bodily harm constitutes an assault. An assault may be committed without actually touching or striking, or doing bodily harm. Self-defense may be a mitigating factor to this charge, depending on the circumstances.

## 7. Sexual Abuse

Sexual abuse occurs when the act is intentional and is committed either by: Physical force, violence, threat, or intimidation; Ignoring the objections of another person; Causing another's intoxication or impairment through the use of drugs or alcohol; Taking advantage of another person's incapacitation, state of intimidation, helplessness, or other inability to consent.

1. SAP appeal form with type of suspension indicated per your BisonWeb account,
2. Detailed type-written narrative of what led to your suspension status, and explanation of what you intend to do to improve your plan of action, and:
3. Copies of all supporting documentation attached.

Mitigating circumstances may include, but are not limited to extreme illness or injury, family crisis, or death of an immediate relative. The circumstances must be documented and will not be considered for approval without the supplemental documentation attached. Examples of documentation include medical documentation, birth or death certificates, etc. Please do not submit letters of stipulation from your school/college along with your appeal documents. If at the end of an academic school year, you have found yourself to be suspended, you may appeal to have your current SAP status reviewed by attending a summer session at Howard University and increasing your GPA or earned credits and then appealing once those grades have been submitted to the Office of the Registrar. It will not be until the summer courses are updated to your account that an evaluation of your courses can be made. Please monitor your BisonWeb account for appropriate updates as well as the email address you have provided on your appeal form. Summer credits will count toward determining your maximum eligibility for the next school year. You must complete the appeal process at the end of the summer term. Summer credits will count toward determining your maximum eligibility for next school year.

Once your appeal has been received and reviewed by the Appeals Committee, you will receive written notification of the committee's decision by email to the address you have provided in your appeal packet. You will also notice the appropriate changes made to your award package on your BisonWeb account. **Note:** All incomplete appeals will be denied. All appeal decisions are final and the submission of a SAP appeal does not guarantee reinstatement of aid eligibility. **Students who are currently SAP suspended are strongly advised to create alternate financial plans in the event your appeal is denied.**

## Additional SAP Requirements

If you are listed as being SUSPENDED FROM THE UNIVERSITY, the appeal process is two-fold. Step 1: You must appeal to your school/college as well as Step 2: the Office of Financial Aid. It is your responsibility to stay abreast of deadlines. Stipulation letters do not ensure financial aid reinstatement and one is not contingent upon the other. For further inquiries please contact the Office of Financial Aid at <http://www.howard.edu/financialaid/contacts/staff-finaid.htm>

Although you may not be receiving financial aid, you will be evaluated for financial aid eligibility on the same basis as students who receive federal and state aid. Should you apply for aid, your eligibility will be based on your prior academic performance at Howard University.

- If you are enrolled in a dual degree program, you may appeal for an extension of the maximum time frame provision of this policy.
- If you are an undergraduate student pursuing a second degree, you may attempt an additional 48 credit hours to complete your second degree program, including prerequisite courses. Graduate/professional students may attempt an additional 24 credit hours

b.) The Howard University student identification card shall be carried by students at all times and surrendered upon the reasonable request of any University Official, Faculty Member, Staff Member and all Residence Hall Personnel.

Failure to comply with any disciplinary procedure, within the identified time frame, will result in a hearing with sanctions applied.

#### **14. Smoking**

Smoking is prohibited in all University buildings and residence halls.

#### **15. Disruptive Conduct**

a.) Acting in a manner that impairs, interferes with, or obstructs the orderly conduct, processes, or functions of the University or of any person or persons on University owned or operated property or at any University-sponsored event.

b.) Students whose behavior, communications, and/or attire may be considered disruptive while participating in academic programs, University activities, programs and general operations. Behaviors would include: use of electronic devices such as pagers, cell phones, video games, walkmans, personal music players, playing computer games during class sessions, laboratory or clinical practicum's or clerkships and periods of academic instruction, remediation, or tutorial assistance. Disruptive conduct would also include the wearing of apparel or clothing in class, or during academic instruction that is lewd, profane or sexually explicit; attire that conveys messages in print or in picture form that are profane, vulgar, patently offensive, racist or discriminatory, and this conduct disrupts the instructor's ability to maintain decorum or provide academic instruction in the classroom, laboratory, or other instructional environments. This also includes students who engage in disruptive behaviors or communications with an instructor, such as swearing or cursing, which impedes the ability of the instructor to present academic information in the classroom or laboratory, clerkship, conduct academic advisement, counseling, or tutorial assistance.

c.) Students are required to carry the Howard University student identification card at all times and are required to surrender it upon reasonable request by any University Official, Faculty Member, Staff Member and all Residence Hall Personnel.

#### **16. Electronic Communication**

Using University telecommunications, data communication networks or any electronic means owned and operated by the University for illegal or improper purposes or in violation of University regulations and policies, or related federal, state, or local laws.

#### **17. Harboring**

Harboring is knowingly allowing any fugitive from justice, or any student, employee, or any other individual who has been barred from the University, to stay in, or to be transported onto, University owned or operated property or facilities. This would also include harboring any individual who is considered to be a fugitive from justice or for whom there is an outstanding warrant.

#### **18. Contracts**

Students as individuals or representatives of student organizations are prohibited from entering into verbal or written agreements or contracts that purport to bind, obligate, or create liability of any kind for Howard University. The University will hold all such students individually liable for any financial or legal consequences or damages that may result from such unauthorized actions.

#### **19. Established Policies And Procedures**

The failure to observe any provision of the University Code of Ethics and Conduct, the Student Code of Conduct, the Academic Code of Conduct, the H-Book, the University Web-site or appropriate school/college bulletin, pertaining to personal conduct or behavior.

#### **20. Violation Of Criminal Codes Of the Local, State, or Federal Governments**

On or off-campus actions or activities that violate criminal law also violate the Code.

## **21. Embezzlement**

Unauthorized acquisition and/or use of funds belonging to, or under the stewardship of, any University unit, organization, or individual.

## **22. Contempt Of, Or Interference With, Any Disciplinary Program Actions Or Activities**

Failure to respect the disciplinary program or process, including failing to appear for a meeting or hearing if requested to do so, interfering with attendance by any person or persons mandated to attend a meeting or hearing, or interfering with the hearing or disciplinary process of any disciplinary board or administrative hearing. Acting in a threatening or harassing manner towards hearing participants before, during or after a hearing.

## **23. Media Contact**

Students are expressly prohibited from speaking on behalf of, or for, Howard University with any media organization or publication, or from inviting the same to any University-owned or operated property, facility, or event without the express written permission of the Office of University Communications.

## **24. Presenting False Testimony**

Knowingly making false statements regarding a disciplinary matter before, during or after the disciplinary adjudication process.

# **Section IX: University-Wide Disciplinary Hearing Boards and Hearings; Administrative Hearings and Officers; Appeals Hearings and Boards; Administrative Appeal hearings and Officers**

The adjudication of alleged violations of the Code is conducted by a duly appointed University-Wide Disciplinary Hearing Board, or by an Administrative Hearing Officer.

The Dean of Special Student Services reserves the right to assign a case to a Disciplinary Hearing Board or to an Administrative Hearing Board. Those cases involving charges which may result in possible indefinite suspension, withdrawal or expulsion will be remanded to a Disciplinary Hearing Board.

## **1. Disciplinary Hearing Boards**

There shall be University-wide disciplinary hearing boards as follows:  
University-Wide Disciplinary Hearing Board for Undergraduate matters;  
University-Wide Appellate Board for Undergraduate matters;  
University-Wide Disciplinary Hearing Board for Graduate and Professional Student matters;  
University-Wide Appellate Board for Graduate and Professional Student matters.

Members of the University-wide disciplinary hearing boards shall be selected from a pool of students, faculty members, and administrators trained by ODSSS. The pool of board members consists of those qualified appointees submitted by University officers, Deans of the schools and colleges, the Faculty Senate, ODSSS, the Howard University Student Association (HUSA), and any other undergraduate or graduate student governing bodies approved by the Vice President for Student Affairs. Organizations shall select potential appointees according to their internal policies and procedures. Volunteers may also be part of the pool if they meet the qualifications for the category of their status at the University and they submit the "Offer to Volunteer for University Disciplinary Program" form to ODSSS. ODSSS shall provide at least two written requests for names to officials and organizations. In the event that appointments are not made by the deadline by the appropriate student and faculty organizations, ODSSS shall appoint persons to the board pool from the faculty and student body, subject to the approval of the Vice President for Student Affairs.

The disciplinary hearing boards have jurisdiction over all students subject to the Code. They are responsible for reviewing and evaluating all of the relevant information, conducting hearings, rendering a decision of “Responsible” or “Not Responsible” and making recommendations for sanctions, if any, to the Dean for Special Student Services.

## **2. Disciplinary Hearing Board Membership**

The membership of the disciplinary hearing boards is as follows:

Each board shall be comprised of seven (7) members. No more than three (3) members can be students who meet the qualifications outlined below. The remaining members shall be from the pool of qualified faculty and administrator appointees, or volunteers, who meet the qualifications outlined below.

A minimum of five (5) members will constitute a quorum.

### **A. Undergraduate Students:**

Validated for the semester(s) of service.

In good academic, disciplinary and financial standing.

At least 24 credits earned at time of appointment.

Can serve for two (2) academic years or until graduation.

### **B. Graduate/Professional Students:**

Validated for the semester(s) of service.

At least one (1) semester of enrollment by the time of appointment.

In good academic, disciplinary, and financial standing.

### **C. Faculty:**

Must have been a member of the University faculty for a minimum period of one (1) year at the time of appointment.

### **Administrator/Staff:**

Must have been an employee of the University for a minimum of one (1) year at the time of appointment.

### **F. Chair:**

The Dean for Special Student Services shall appoint a faculty member or administrative staff member of each board to act as Chair.

## **3. Administrative Hearings**

Resolution of a violation of the Code may also be handled through an administrative hearing process conducted by an Administrative Hearing Officer rather than through a judicial board. An administrative hearing may be used under any of the following circumstances: A student charged with a violation will be assigned to the administrative hearing process, unless the violation merits indefinite suspension, withdrawal or expulsion.

The Dean for Special Student Services determines that it is not possible or practical to convene a disciplinary hearing board or appeal board at the time the case is scheduled (e.g., summer sessions, semester breaks, lack of a quorum, spring break, etc.) and that it is in the University's best interest to have the case heard expeditiously.

The nature of the case is such that the Dean for Special Student Services believes the best interest of the student and/or the University would be served by the use of an Administrative Hearing. If the Complainant or the Accused Student objects, either may appeal this decision in writing to the Vice President for Student Affairs,

within ten (10) business days following notice of the Administrative Hearing. The Vice President shall render a decision within three (3) business days. The Dean for Special Student Services reserves the right to determine which cases are to be heard by a University-wide Disciplinary Hearing Board. In most cases, the use of an Administrative Hearing Officer is prescribed. In cases, which could result in the indefinite suspension or expulsion of a student, a University-wide Disciplinary Hearing Board is warranted.

#### 4. Administrative Hearing Officers

Administrative Hearing Officers shall be selected by the Dean for Special Student Services from a pool of qualified and trained administrative staff members and faculty members. The Administrative Hearing Officer is responsible for reviewing all of the relevant information, conducting a hearing, rendering a decision, and making recommendations for sanctions, if any, to the Dean for Special Student Services. The hearing officer shall be the sole judge of the relevancy and admissibility of evidence presented for consideration.

#### 5. Appeal Boards

Any student found "Responsible" for violating the Code by a University-Wide Disciplinary Hearing Board or Hearing Officer and, thereby subject to sanctions, may appeal the decision. (See Section XVI: Appeal of a Disciplinary Hearing Decision). A request for reconsideration of a decision or recommended sanction(s) shall be submitted by the Dean for Special Student Services to the appropriate Appeal Board.

Each Appeal Board shall be comprised of five (5) members. No more than two (2) members shall be qualified students. The remaining members shall be qualified faculty members, administrator appointees or volunteers.

Members of the Appeal boards must meet the same qualification standards as members of the University-Wide Disciplinary Hearing Board. However, a member serving on a University-Wide Disciplinary Hearing Board shall not serve on an Appeal Board on the same case. A faculty member or administrator who is a member of the board will be appointed by the Dean for Special Student Services to serve as Chair of each Appeal Board. A majority of four (4) will constitute a quorum.

#### 6. Administrative Appeal Hearing

An appeal of a decision by a University-Wide Disciplinary Hearing Board may be handled through an administrative hearing process by an Administrative Appeal Hearing Officer rather than through an Appeal Board. An administrative Appeal Hearing will be convened at the discretion of the Dean for Special Student Services. If the Accused Student objects, she/he may appeal this decision in writing within five (5) business days to the Vice President for Student Affairs. The Vice President will render a decision within three (3) business days. In addition, a student filing an appeal may elect to request such a hearing.

#### 7. Administrative Hearing Appeal Officers

Administrative Appeal Hearing Officers are selected and trained by the Dean for Special Student Services. The Administrative Appeal Hearing Officer is responsible for meeting with the Chairperson of the University-wide Disciplinary Hearing Board, reviewing all documents from the case file and hearing, and for conducting the appeal hearing. The Officer shall be the sole judge of the relevancy and admissibility of evidence presented for consideration. The qualifications for an Administrative Appeal Hearing Officer shall be the same as for an Administrative Hearing Officer. The Administrative Hearing Appeal Officer shall have no engagement in the pending appeal brought for his review.

### Section X: Hearing Particulars

#### 1. Notification of Hearing

The ODSSS shall notify the members of the appropriate Disciplinary Hearing Board (or the hearing officer, as appropriate), the Accused Student(s), and the Complainant(s), in writing, of the date, place and time of



a scheduled hearing not less than ten (10) working days prior to the hearing date (excluding holidays). Both the Complainant(s) and the Accused Student(s) shall be informed that they are responsible for contacting their own witnesses, informing them of the hearing, and ensuring their attendance at the hearing. Such notification shall be hand-delivered, mailed, or delivered to the local address of record. Witness lists are to be submitted to ODSSS at least two (2) days prior to the hearing. Upon request, ODSSS will make copies of the witness lists available to the parties. Upon request, ODSSS will provide letters for professors of students absent from class due to participation in a disciplinary procedure to explain the students' absence from class.

2. **Notification of Inability to Attend a Hearing**

If either the Accused Student(s) or the Complainant(s) cannot attend a scheduled hearing due to compelling circumstances, he/she must notify ODSSS as soon as this fact is known. Written documentation of extenuating circumstances must be provided. Failure to adhere to this policy may result in additional disciplinary action and/or conducting the proceeding without the benefit of the absent person's participation.

3. **Document Access**

The Accused Student(s) and complaining student(s) shall have reasonable access to all of the relevant case documents that are maintained by the ODSSS. Documents shall also be available to members of the boards or hearing officers for review prior to a hearing. The documents prepared by ODSSS and submitted during the hearing, as well as the statements given, will constitute the record of the board or of the hearing officer in an administrative hearing.

4. **Briefings and Consultations**

Board chairs, board members, and hearing officers may be briefed by ODSSS on factual and procedural matters. Legal advice will be provided to such individuals by the Office of General Counsel.

5. **Failure to Attend**

A student accused of violating the Code, who has received appropriate notification to attend a scheduled hearing but fails to do so, may be considered in contempt of the disciplinary process and subject to further disciplinary action by the Dean for Special Student Services. The board or hearing officer may elect to proceed with the hearing without the Accused Student(s) and render a decision based on the evidence presented.

A witness, who is called by ODSSS or a Hearing Officer, with evidence critical to the resolution of a violation of the Code given reasonable notification of a hearing who refuses to attend may be considered in contempt of the disciplinary process and subject to possible disciplinary action.

6. **Rules of Evidence and Legal Representation**

Howard University's disciplinary proceedings are not subject to the formal rules of process, procedure, and/or technical rules of evidence, such as are applied in criminal or civil court. Rather, boards and administrative hearing officers shall make a determination based on whether the record makes it more likely than not that the charges are true.

The Accused Student(s) and the Complainant(s) may consult with their personal legal counsel in preparation for a hearing; however, attorneys are not allowed to attend a disciplinary hearing or to represent a student at a hearing. A student may elect to have a peer advisor, at a hearing, who shall serve in an advisory capacity only. Advisors are not permitted to speak or to participate directly in the hearing. Peer advisors must be current students in good academic, disciplinary and financial standing with the University.

7. **Scope of Evidence Considered In a Disciplinary Action**

The Board Chair or Administrative Hearing Officer shall be the sole judge of the relevancy and admissibility of evidence presented for consideration.

## Section XI: Procedures for Conducting a Disciplinary Hearing

### 1. **Closed Hearings**

All hearings are closed, except to those persons directly involved (board members, Complainant(s), the Accused Student(s), and witnesses), unless the board determines otherwise.

### 2. **Witnesses**

In those situations when a Howard University Police Department Officer(s) may have taken a report and/or investigated an incident relevant to the proceeding, ODSSS, the Complainant or the Accused Student may request that the Officer attend and/or participate in a hearing as a witness. Such attendance or participation will be permitted if it is determined by the Board or Hearing Officer that the HUPD Officer's presence will facilitate the finding of facts. The Complainant or the Accused Student should contact University Police directly to make such a request and, at the same time, notify ODSSS of the request. Only those persons with direct knowledge of the incident shall be allowed to appear as witnesses. No character witnesses are allowed.

### 3. **Postponement**

A one-time request for postponement by either the Accused Student or the Complainant(s) may be considered by ODSSS, and granted only when ODSSS determines that there is a compelling reason for the delay. ODSSS will set a new date for the hearing and notify all parties involved. Further requests for postponement do not have to be considered and a hearing may be held in the absence of either party.

### 4. **Quorum Requirement**

Five (5) members of appointed board members shall constitute a quorum necessary to conduct business, including receiving evidence and rendering a decision. Only members present may vote.

### 5. **Role of the Chair**

The Chair of a disciplinary board has the responsibility of conducting the hearing in a fair and equitable manner, and of taking such action as necessary to sanction or mitigate disruptive or inappropriate behavior.

### 6. **Burden of Proof**

The Complainant carries the burden of proof to establish the guilt of the Accused Student. The Accused Student should be prepared to respond to charges against him/her with witnesses and/or documents, as appropriate.

### 7. **Steps in the Hearing**

Each hearing shall follow a standardized format. Copies of the Procedures for Conducting a Disciplinary Hearing may be secured from ODSSS.

### 8. **Deliberation, Decision Making, and Reporting Results to ODSSS**

Deliberations shall be conducted only with board members, University counsel, and ODSSS staff present.

Boards shall consider only such information as may constitute the record. Determinations as to responsibility for violations of the Code and recommended sanctions shall be made by a simple majority vote of the Board, except that recommended sanctions of suspension and expulsion require a two-thirds vote.

The Chair of the board shall prepare a written report of the hearing finding(s), including the basis(es) for the finding(s) and shall submit it to ODSSS within ten (10) days of the hearing. When there is a finding that the Accused Student is "Responsible" for violating the Code, there shall be recommendations for sanctions. The Chair signs the report on behalf of the board. ODSSS will provide notification to the Accused Student and Complainant of the board's determination.

Sensitive information considered by the Dean of Special Student Services or his/her designee to determine sanctions shall be deemed confidential and will not be shared with students, except that upon written request from any alleged victim of a crime of violence or no forcible sex act, the result of the University's disciplinary proceedings against the accused student will be disclosed.

## Section XII: Procedures for Conducting a Hearing by an Administrative Hearing Officer

### 1. **Closed Hearings**

All hearings are closed to anyone other than those persons directly involved, ODSSS staff, University counsel, the Complainant, the Accused Student, and witnesses unless the hearing officer determines otherwise.

### 2. **Witnesses**

Only those persons with direct knowledge of the incident shall be allowed to appear as witnesses. Those attesting to character alone are not allowed to serve as witnesses. A list of any witnesses speaking on behalf of the Accused Student or Complainant must be submitted to the Office of the Dean for Special Student Services not later than two (2) days prior to the hearing.

### 3. **Postponement**

A one-time request for postponement may be considered and granted by ODSSS only when it determines that there is a compelling reason for the delay. In that event, ODSSS will set a new date for the hearing and notify all parties involved.

### 4. **Role of the Administrative Hearing Officer**

The Administrative Hearing Officer is responsible for conducting the hearing in a fair manner and for recommending such action(s) as necessary to sanction or control disruptive or inappropriate behavior.

### 5. **Burden of Proof**

The Complainant has the burden of proof to establish that the Accused Student violated the Code. The Accused Student should be prepared to respond to charges and evidence presented against him/her with documents and/or witnesses, as appropriate.

### 6. **Steps in the Hearing**

Hearings shall follow a standardized format. Copies of the procedures may be obtained from ODSSS.

### 7. **Deliberation, Decision Making, and Reporting Results to ODSSS**

The Administrative Hearing Officer shall consider all information in the record. The Hearing Officer shall prepare a written report including any recommended sanctions, and submit the report to ODSSS within five [5] days of the hearing. ODSSS shall notify the Accused Student and the Complainant of the Hearing Officer's determination.

Sensitive information considered to determine sanctions by the Dean of Special Student Services or designee shall be deemed confidential and will not be shared with students, except upon written request from any alleged victim of a crime of violence or non-forcible sex act, the results of the University's disciplinary proceedings against the accused student will be disclosed.

## Section XIII: Notification of Hearing Outcome

The Dean for Special Student Services shall review the recommendations of the Board or Administrative Hearing Officer and shall make a final determination on sanctions. ODSSS shall then prepare a written memorandum setting forth the decision and any sanctions and notify both parties within twenty (20) working days after receipt of the report. ODSSS reserves the right to delay notification when it determines that such delay is in the best interest of the University.

When deemed necessary or appropriate by ODSSS, it shall notify relevant University officers, officials, units and organizations of hearing outcomes and sanctions.

## Section XIV: Disciplinary Sanctions

The purpose of disciplinary sanctions for violations of the Code is to educate students about responsible behavior as members of the Howard University community, to maintain order, and to protect the rights of others.

Students found “Responsible” for violating the Code are notified of any sanctions by ODSSS, which also monitors compliance with the sanction. There is no set sanction for any particular offense, with the exception of automatic expulsion for a felony conviction. Disciplinary Hearing Boards and Administrative Hearing Officers evaluate each case individually. Sanctions will be determined individually and should reflect the nature and severity of the offense.

## **1. General Terms**

Parents of minor or dependent students who receive a disciplinary sanction may be notified of that action by the University.

The University reserves the right to apply any sanction for a violation of the Code that, in its sole discretion, appropriately addresses the gravity and frequency of the offense. One or more sanctions may be imposed for any offense. Prior offenses are cumulative and any student found guilty of the same offense or a second offense of equal or greater magnitude, may be suspended or expelled from the University. However, evidence of prior violations of the Code may be considered after a determination of “Responsible” has been made as part of the process of determining sanctions. Sanctions are imposed under the Code without regard to student classification, prospective graduation date, the time in the semester or term when the violation occurs, scholarship status, or any other factor.

Students who have not completely fulfilled their sanctions may be allowed to participate in General Mandatory Registration for the subsequent semester if all other financial and academic conditions have been met. However, their registration will be canceled if they fail to comply with all the stipulations of the sanctions within the time limit set.

The imposition of sanctions will be a matter of record in the ODSSS.

## **2. Types of Disciplinary**

Sanctions One or more of the following sanctions may be imposed for any violation of the Code. The failure to perform a sanction, as directed, can lead to the imposition of more severe sanctions, up to and including suspension or expulsion.

The identified sanctions do not represent the full range of sanctions which may be imposed against a student found “Responsible” for a violation of the Code.

### **Disciplinary Warning or Reprimand**

A disciplinary warning or reprimand is an official written statement of censure. It is used when a student’s behavior is unacceptable but is considered to be minor and/or unintended. It includes a warning that any other violation of the University’s Code for which the student is found guilty will result in more severe disciplinary action. The written statement shall be delivered to the student.

### **Letter of Apology to the Aggrieved Party**

A student may be required to write a letter of apology to the aggrieved party. A draft copy of the letter must be provided to ODSSS for prior approval.

### **Requirement to Seek Counseling**

This sanction may be imposed when a student is found guilty of engaging in disrupting or uncivil behaviors. In such case, the student shall be required to provide evidence to ODSSS of attendance and completion of counseling by a qualified professional.

## **Participation In, or Conducting, Special Workshops, Classes or Seminars**

A student may be required to participate in, or to develop, advertise and present special workshops or seminars related to a Code violation. In such a case, the student may be required to present a typed summary of the activity to the ODSSS.

## **Research Assignments**

A student may be required to complete a research assignment on a topic related to the Code violation within a specified deadline.

## **Mandatory University or Community Service**

A student may be required to perform work assignments at the University or in the local community.

## **Restitution**

Restitution is reimbursement to compensate for personal injury, property damage, or misappropriation of University or other personal property. It may be in the form of money or services, subject to the discretion of the Hearing Officer or Disciplinary Hearing Board.

## **Disciplinary Probation**

Disciplinary probation may be imposed for a specified period of time. A student who is under disciplinary probation will not be permitted to participate in intramural, intercollegiate or club sports, or student clubs and organizations. Such a student may not represent the University in any public function, competition, or performance, hold office in a student organization, or be eligible to join a fraternity or sorority.

Students receiving scholarships for any activities enumerated above may have that scholarship suspended or terminated. Decisions regarding scholarships will be made by the Vice President for Student Affairs in consultation with the Dean for Special Student Services and other appropriate University officials.

## **Limited Term Suspension**

A suspension is appropriate in cases of serious misconduct or in cases when a student has violated a condition of disciplinary probation or has failed to meet the stipulations of lesser sanctions. A student may be suspended from the University for the remainder of the semester, or summer session, in which the sanction is applied, or any portion thereof, for the next semester, or for any other additional periods determined appropriate by the University.

Suspensions are recorded on the student's permanent record (official transcript). Students suspended from the University are required to return their student identification cards, room keys and other University property and shall be barred from the campus for the duration of their suspension. Exceptions may be granted to this prohibition by ODSSS if it first determines that the barred student must enter University property for the purpose of conducting official business. If a student returns to the campus without permission during the period of suspension, his or her eligibility to be re-admitted to Howard University is jeopardized and such persons may also be charged with unlawful entry and, thereby, made subject to arrest.

## **Indefinite Suspension**

Indefinite Suspension provides for all conditions described in Limited Term Suspensions but does not give a specific date for the consideration of readmission of the suspended student. This sanction is used in cases of extremely serious misconduct when evidence of rehabilitation must be presented by the student and accepted by the Vice President for Student Affairs before the student is readmitted to the University.

## Expulsion

Expulsion is the most severe sanction that the University may impose. Expulsion is permanent dismissal from the University. In addition, the student is not eligible for readmission to the University and permanently barred from Howard University owned or operated property and from all University-sponsored events. Students expelled from the University are required to return any student identification cards, room keys, and other University property and must leave campus immediately upon notification of being expelled. If an expelled student returns to the campus, he or she will be charged with unlawful entry and may be arrested. An expelled student's relationship with the University is severed permanently.

## Section XV: Procedure for Readmission after Disciplinary Suspension

A student temporarily suspended will be considered for readmission only after the student submits a Request for Readmission After Disciplinary Suspension form to the Office of the Dean for Special Student Services.

ODSSS shall inform University officers or officials, including the appropriate academic and administrative Deans, the Vice President for Student Affairs, the Office of the Provost, the Office of the Senior Vice President for Health Affairs, the Office of General Counsel and the Office of the President of the disposition of the matter.

## Section XVI: Appeal of a Disciplinary hearing Decision

### 1. **Criteria for an Appeal**

A finding of responsibility for violations of the Code and/or the sanctions imposed may be appealed. However, an appeal will result in a reversal or modification of a decision only if one of the following criteria is met. It should be noted that an appeal is not an opportunity to have a new hearing on the matter. As described below, an appeal can only be used to reverse an error or to consider important information that was not available at the hearing.

#### 1. **Process**

1. An important procedure leading up to or during the original hearing was ignored or so flawed that the hearing was not fair and impartial.

#### 2. **Substantive Error**

1. There was an error in identifying or interpreting the controlling and relevant University policy or standard of conduct and this substantially affected the hearing and resulted in the Accused Student(s) being denied a fair hearing outcome.

#### 3. **New Evidence**

1. Relevant new evidence has surfaced that could have materially affected the decision or finding of the board or hearing officer. This evidence must be produced and substantiated or documented and it is required that proof be provided that this information was not available at the time of the hearing.

#### 4. **Disproportionate Sanction**

1. The sanction levied is manifestly unjust because it is overtly disproportionate to the offense.

### 2. **Process for Filing an Appeal of Disciplinary Action**

An Appeal of Disciplinary Action form must be submitted to ODSSS by the student found "Responsible" within five (5) working days of receipt of the letter of notice of hearing outcome. The form should be typewritten or printed very legibly, with an attached statement not more than five double-spaced pages in length. The statement must clearly specify the grounds on which the appeal is being made and have attached any supporting documentation. Each case may be appealed only once.

### 3. **Appeal Review Process**

The written appeal must be submitted to ODSSS. ODSSS will forward the appeal to the Chair of the appropriate Appeal Board. The Chair shall have the authority to determine if the appeal could reasonably

be expected to meet at least one of the four stated criteria. If the Chair so rules, he/she will set up an appeal hearing and notify the parties of its date, time, and location. If ODSSS determines that an Appeal Board cannot be convened, (e.g., between semesters or at the end of a semester or lack of quorum), it will appoint an Administrative Appeal Officer to review the matter, determine if a hearing is warranted, schedule a hearing, and notify the student.

4. **Appeal Hearing**

Appeal hearings will be limited to a presentation of evidence by the appellant that directly addresses the grounds for an appeal. The Chair of the University-Wide Judicial Board may be asked to attend, but no witnesses may be called. Appeal hearings will follow a standardized format.

5. **Remedies on Appeal**

The following actions may be taken by a majority vote of the Appeal Board members present and constituting a quorum, or by the Administrative Appeals Officer, transmitting a recommendation to the Dean of Special Student Services:

1. Affirm the findings of the original Board or Hearing Officer.
2. Affirm the findings, but change the sanction(s) levied.
3. Overturn the finding of the original Board or Hearing Officer and remand to the original Board for a new hearing.

6. **Notification of Finding**

The results of an appeal review will be sent by the Chair, who will forward the recommendation to ODSSS within twenty (20) working days of the Board's decision. Within five (5) working days, ODSSS will inform the student who initiated the appeal and the Complainant of the Board's decision. For cause, the Dean may grant the Chair an extension. If the case is remanded for a new hearing, ODSSS will contact the student about that new hearing. At the discretion of the Dean for Special Student Services, a different University-Wide Disciplinary Hearing Board may be asked to hear the case.

7. **Limitations**

1. Each case may be appealed only once. Therefore the finding of the designated Appeal Board is final and binding.
2. Only the Accused Student may file an appeal.
3. Appeals filed after the stated deadline will not be considered, except in compelling circumstances as determined by the Dean for Special Student Services.

8. **Stay of Sanction(s) During the Appeal Process**

The Dean for Special Student Services will determine if the sanction(s) imposed on an appellant will stay pending the appeal process.

## Section XVII: Revisions of the Student Code of Conduct and Judiciaries

1. **Periodic Review**

The ODSSS will conduct a full formal review of the Code at least every five (5) years or at such other times as it deems appropriate to determine if the Code should undergo a full revision process.

2. **Procedure for Revision**

If it is determined that the Code is in need of full revision, the procedure for developing a new document for recommendation to the Board of Trustees will be as follows:

A committee composed of faculty, administrative staff and students will be appointed by ODSSS to review the "Code" portion of the document and to make recommendations for changes. The pool of those eligible to serve will come from names submitted by University officers, Deans of the schools and colleges, the Faculty Senate, the Howard University Student Association (HUSA), and other authorized and approved undergraduate and graduate student governing bodies using their own internal policies for such selections. In the event that after appropriate notice, names are not submitted, ODSSS shall make appointments.

The draft of the revised Code is completed by ODSSS and forwarded to the Vice President for Student

Affairs, the Provost, and the Senior Vice President for Health Affairs for review and comment. An open forum for students, appropriately advertised, will be held to allow for discussion of proposed changes to the Code. Comments and concerns will be considered in completing the final draft. The final draft will be submitted for review to the General Counsel.

3. **Forwarding for Approval**

The final document will be authored by ODSSS and forwarded, through the Vice President for Student Affairs, the Provost, and the Senior Vice President for Health Affairs to the President for final review and for presentation to the Board of Trustees for consideration.

4. **Amendments**

Amendments to the Code deemed necessary by the Dean for Special Student Services during periods between formal full reviews and revisions will be prepared by ODSSS and forwarded through the Vice President for Student Affairs, the Provost, the Senior Vice President for Health Affairs and General Counsel, to the President for approval and implementation.

**The Howard University Student Code of Conduct and Judiciaries**

**Division of Student Affairs**

**Office of the Dean for Special Student Services**

**Howard University, Suite 725**

**Washington, DC 20059**

## Academic Code of Student Conduct

Approved by the Board of Trustees, June 29, 2010

Howard University is a community of scholars composed of faculty and students both of whom must hold the pursuit of learning and search for truth in the highest regard. Such regard requires adherence to the goal of unquestionable integrity and honesty in the discharge of teaching and learning responsibilities. Such regard allows no place for academic dishonesty. To better assure the realization of this goal any student enrolled for study at the University may be disciplined for the academic infractions defined below.

### Definitions of Academic Infractions:

**Academic Cheating**—any intentional act(s) of dishonesty in the fulfillment of academic course or program requirements. This offense shall include (but is not limited to) utilization of the assistance of any additional individual(s), organization, document, or other aid not specifically and expressly authorized by the instructor or department involved.

(Note: This infraction assumes that with the exception of authorized group assignment or group takehome assignments, all course or program assignments shall be completed by an individual student only without any consultation or collaboration with any other individual, organization, or aid.)

**Plagiarism**— to take and pass off intentionally as one's own the ideas, writings, etc. of another without attribution (without acknowledging the author).

**Copy Infringement**—Copy infringement occurs when a copyrighted work is reproduced, distributed, performed, publicly displayed, or made into a derivative work without the permission of the copyright owner.

### Administration of the Code

This Academic Code of Student Conduct applies in all schools and colleges. In professional schools and colleges that have adopted honor codes, the honor code may supersede this Code. The authority and responsibility for the administration of this Academic Code of Conduct and imposition of any discipline upon any particular student shall vest in the Dean and faculty of the School or College in which the student is enrolled but may be delegated by the faculty to the Dean of the School or College in which the student is enrolled. The Dean shall



be assisted in this responsibility by any faculty members and administrative officers in the School or College the Dean shall consider appropriate. Any student accused of an infraction of this Code shall have a right to a limited hearing, as described herein, of the charges against him before a committee of faculty members, at least three in number, none of whom shall be the accuser or witness to the alleged infraction. The committee may be either a standing of the School or College, whose responsibilities are considered appropriate by the Dean to conduct a hearing under this code, or a committee appointed by the Dean for the special purpose of conducting only a particular hearing or all such hearings that may arise during an annual period. The hearing committee shall be chaired by a member designated by the Dean and the chairperson shall have the right to vote in cases of a tie vote.

## Procedure

Any faculty member who has knowledge of an infraction of this Code shall assemble all supporting evidence and identify any additional witnesses to the infraction and make this information known to the Dean of the School or College in which the student is enrolled at least ten (10) business days after the date of the infraction.

Upon being notified of an alleged infraction of this Code, the Dean shall, as soon as possible, consider the weight of the assembled evidence and, if the Dean considers the evidence sufficient to warrant further action the Dean shall notify the alleged offender of the charge(s) against him/her together with a designation of a hearing time and place where the accused may respond to the charge(s). The hearing date shall be no later than ten (10) business days after notification to the accused of the charge(s) against him/her. The Dean shall similarly notify the hearing committee members of the time and place of the hearing together with identification of the accuser and accused.

The "limited hearing" authorized by this Code is not an adversarial proceeding. Constitutional principles of "due process" are not applicable to these proceeding. The faculty member concerned shall present the case for the University. Both shall be allowed to present witnesses and evidence in support of their positions concerning the charge(s). However, no legal counsel for either side shall be allowed. The members of the hearing committee may question the accused and the accuser and examine all evidence presented. The standard of proof for the proceeding under this Code shall be the standard of "substantial evidence." The proceedings may be tape recorded but will not be transcribed.

After the hearing of the charge(s) against the accused, the hearing committee shall, in closed session, vote by secret ballot to sustain or reject the charge(s). If the charges are sustained, the committee shall transmit the results and recommendation of the hearing committee to the Dean five (5) business days after the hearing.

Upon receipt of the results and recommendations of the hearing committee, the Dean may sustain the recommendation of the Committee concerning the penalty or may reduce or increase the severity of the penalty, and shall, within five (5) business days, notify the student of the Dean's determination. The student may appeal directly to the Provost and Chief Academic Officer or Senior Vice President for Health Sciences (Health Science students) for reconsideration of any disciplinary penalty. The student shall have five (5) business days to make such appeal from the date of receipt of notification.

After hearing any appeal from a student, the Provost and Chief Academic Officer or Senior Vice President for Health Sciences shall make a decision that shall be communicated to the student within ten (10) business days. This decision shall be final.

## Penalties

The minimum disciplinary penalty imposed upon a student found to have committed an infraction(s) of this Code shall be no credit for the course assignment or examination in which the infraction(s) occurred; however, a more severe penalty, such as failure in the course involved or suspension from the University, may be imposed depending upon the nature and extent of the infraction(s).

# Degree Revocation Procedures

Adopted by the Board of Trustees (April 27, 1987)

**Scope** — These procedures apply only to cases in which a University degree has been awarded but the record later shows: (1) the graduate's academic record, following a correction, indicates the graduate fails to meet academic requirements for graduation; and (2) facts which, if known at the time of the awarding of a degree, would have resulted in a decision not to award the degree, without any further proceedings.

**Notice** — The Dean of the School or College involved shall provide the graduate<sup>1</sup> with written notice of: the University's specific findings with regard to the graduate's academic record and its intention to revoke the degree; the graduate's opportunity to respond in order to present evidence that the record is incorrect; the graduate's right to be represented or assisted in responding to the University's findings, by other parties, including an attorney at the graduate's expense; and a 60-day limit to respond to the notice.

**Review** — In all cases where the graduate elects to respond to the University's findings either in person or in writing, the following review procedures shall be used:

A person designated by the Dean of the College or School in which the graduate was enrolled shall review the graduate's evidence and the University's evidence.

The Dean's designee, based upon his or her review of the evidence of record, shall submit to the Dean his or her written recommendation concerning revocation of the graduate's degree.

The Dean, based upon his or her review of the designee's recommendation, shall submit to the appropriate Vice President his or her written recommendation concerning revocation of the graduate's degree.

The Vice President, based upon his or her review of the prior recommendations, shall forward the record and his or her recommendation to the General Counsel for review.

The General Counsel, based upon his or her review of the record and prior recommendations, shall submit his or her recommendations, the record and all prior recommendations to the President for final action, subject to approval by the Board of Trustees.

The Registrar shall provide the affected graduate with written notice, in the manner described in Section A, of the University's final decision concerning revocation of the graduate's degree.

**No Response Received** — In cases where no response to the initial notice is received by the University after 60 days, the existing record shall be reviewed as noted above. Thereafter, the Associate Vice President for Enrollment Management shall provide the graduate with written notice in the manner described in Section A, of the University's final decision concerning revocation of the graduate's degree.

**Petition to Reopen Decision** — The University shall allow any affected graduate to petition the University to reopen the revocation decision, provided the graduate establishes that he/she received notice after the 60-day limit or, for good cause shown, was unable to contact the University or to respond within the period specified. Any graduate who meets the above-noted requirements shall be provided an opportunity to respond and a review, in the manner described in Sections A and B.

The term "graduate" refers to an individual who has received any degree from Howard University. A written notice shall be provided by: (1) certified mail, return receipt requested to the most recent permanent address contained in the graduate's academic records; (2) regular first-class mail to the last known address locally; and (3) first-class mail to the last known address of the graduate's parents or guardians. The written notice requirement applies in all cases, even though the address involved is the same.

# Policy on Student Academic Grievance Procedures

Approved by the Board of Trustees (April 23, 1994)

## The Informal Process

A student who believes that he/she has been aggrieved must first attempt to seek an informal resolution with the other party involved in the dispute, e.g., grade dispute with the instructor. If the student is unable to resolve the dispute with the primary party of the dispute, then the student is advised to seek the intervention of his or her department chairperson.

All disputes which are not resolved at the departmental level are then brought to the Dean's Office, whereupon the Dean or his designee will seek to reach an informal resolution through mediation between the parties.

If the mediation at Dean's level fails, then the student's grievance is consigned to the committee designated by the school/college to address student grievances herein referred to as the Student Grievance Committee.

## The Formal Process

Student grievances which are consigned to the Student Grievance Committee must be specified in writing and given to the Dean or his designee.

A student's written statement, along with supportive evidence, constitutes a case document, which will be submitted to each member of the committee.

The second party to the dispute is also requested to provide the Office of the Dean with his or her account of the matter in dispute which becomes a part of the case document that is forwarded to the committee.

**The Student Grievance Committee is then required to set a date for convening a meeting to hear the case(s) as expeditiously as possible.**

After the date has been set, each party to the dispute is sent a certified letter which informs him or her of the charges, and date of the meeting as well as a statement requesting his or her presence. During the hearing, the student presents his/her case; after, the accused party is allowed to present the other side. Each side is permitted to have witnesses.

Following the hearing, members of the committee after deliberation on their assessment of the case reach a decision as to how the case should be resolved.

The committee's decision is sent to the Dean of the School/College in the form of a recommendation. The Dean then informs the student in writing of the decision, which may be based upon the committee's recommendation or upon a modification of it.

## Policy Statement Concerning the Use of; the Possession for Sale, Transfer, or Exchange of; Controlled Substances

Approved by the Board of Trustees (September 23, 1989)

One among the most serious menacing phenomena facing urban communities in general and Black communities, in particular, is that of the ever-spreading use of controlled substances or illegal drugs. Attending this phenomenon is not only the debilitating effects on the human system but the many unsettling events which are inescapably its by-products. Howard University, as an urban institution and thus a part of the larger District of Columbia community, is not insulated against this problem and its accompanying or precipitating ills and recognizes that an effective response to this menace must be on a community-wide basis.

Proper consideration of this subject must take into account and be addressed to those not yet involved as users or purveyors, those who may be helped through medically related therapy and treatment programs, and those who are engaged in the illegal possession, manufacture, transfer and/or sale of such items.

For the past several years considerable effort has been directed toward acquainting the University community with this subject in its most salient aspects. With some exceptions, work in this area has been concerned primarily with the conduct of special educational programs. These efforts, with expansion and increased emphasis, will be continued. In addition, the University through the counseling Service, the Student Health Center, the Employee Health Unit and the Institute on Drug Abuse and Addiction, will make a major effort to marshal appropriate resources, on an interdisciplinary basis, to contribute to the campaign currently being waged against this destructive force. Thus, all of these University resources will be concerned with comprehensive drug prevention/treatment programs and services.

### **Non-medically Prescribed Use of Drugs**

Howard University does not sanction the use of drugs that are not prescribed by authorized health professionals. It is strongly urged that persons who have not experimented with or made use of such substances should avoid their use at all costs. Science to date has made no showing or claim that such non-prescribed use is in any way medically beneficial. For individuals interested in this subject, educational materials are available at the Counseling Service, the Student Health Center, the Employee Health Unit and the Institute on Drug Abuse Addiction, as well as selected locations throughout the District of Columbia. Individuals with drug-related problems should seek professional help, without delay, from these University resources, where such assistance is handled with the utmost confidentiality. Students with drug problems or concerns in this area are encouraged to seek help from or visit these agencies without fear of punitive consequences such as disciplinary police actions or expulsion from school.

### **Possession of Controlled Substances For Sale, Exchange, or Transfer, or The Sale, Exchange, Transfer or Manufacture of Controlled Substances**

The subject of individual involvement in the handling of illegal drugs is viewed by the University in an entirely different light. Federal and local laws make it abundantly clear that possession of controlled substances for the purpose of sale, exchange, or transfer as well as the manufacture, sale, transfer, or exchange of controlled substances are prohibited, and individuals responsible for violations of such laws are to be treated with severity. The University, as a part of the larger community, is similarly bound by law and of necessity and must act in similar fashion with offenders of its own regulations operative in this area. Although the University recognizes the need to provide a variety of remedial services to persons who fall victim to drugs, in the hope that causes of such problems can be removed; it does not intend to offer a haven for persons who intentionally violate its own standards of conduct or Federal and local laws dealing with this subject.

Howard University views illegal conduct in this connection with complete seriousness and the urgency of the matter deserves the immediate attention of each individual. It should especially be noted in this regard that students engaged in illegal conduct of this type are subject to summary SUSPENSION, EXPULSION, and/or TERMINATION, aside from or in addition to penalties which may flow from court disposition of such matters. Persons not formally connected with the University but who nevertheless are involved in illegal drug activity on University premises will be subject to ARREST and PROSECUTION. Involvement with illegal drugs subjects a person to criminal penalties, including felony conviction and often times imprisonment.

The University feels that each individual should give serious consideration to the possible permanent harm a conviction may do later in life. It is possible that the affected person will face the loss of many employees and citizenship privileges, such as professional licensing (law, medicine, certified public accountant, and the like), the right to vote and employment by governmental agencies and in many instances, private industry.

For those who would require proof, it has been clearly demonstrated that neither slavery nor compulsory segregation succeeded in robbing our people of their potency. To now permit the drug menace to signal the demise of our people would be no more a tribute properly befitting the efforts of our ancestors and contemporaries who have labored long and hard in the vineyard toward total liberation than would it be a proper legacy for future generations of our youth.

## **Equal Opportunity Grievance Procedures**

The Equal Opportunity Office is located in Room 108, C.B. Powell Building, (202) 806-5770. Following are the procedures to be followed in the resolution of equal opportunity complaints. It should be noted that work days, as defined hereinafter, exclude Saturdays, Sundays, and holidays observed by the University.

Persons with equal opportunity complaints shall submit to the University's Equal Opportunity Officer, within 20 calendar days of the day on which the event giving rise to the complaint occurs, a written statement which specifies the nature of their complaint and evidence to support their charge of illegal discrimination.

### **The University's Equal Opportunity Officer shall do the following:**

Within 3 work days after receipt of written complaint—arrange a conference with the complainant, secure any additional information or clarification needed from the complainant and secure a signed Complaint Withdrawal Form from complainants who wish to withdraw their complaints. Within 3 work days after the conference with pursuing complainants—forward to the concerned member of the Equal Opportunity Committee a copy of the written complaint and a written recommendation concerning salient points to be covered by the investigation.

The concerned member of the Equal Opportunity Committee or his/ her designee shall do the following within 15 work days after receipt of written communication from the Equal Opportunity Officer: Conduct an investigation of the complaint.

### **Submit a written report on finding and his/her decision of the Equal Opportunity Officer.**

The Equal Opportunity Officer, within 5 work days after receipt of written communication from the concerned member of the Equal Opportunity Committee, shall review the decision and findings and will do one of the following:

1. Mail notification to the complainant at last address on record that the matter has been resolved in favor of the complainant.
2. Mail notification to the complainant at last address on record that the matter has been referred to the Equal Opportunity Committee.
3. The Equal Opportunity Officer will refer to the Chairman of the Equal Opportunity Committee copies of all correspondence relative to the complaint.
4. The Chairman of the Equal Opportunity Committee, within 5 work days after receipt of written communication from the Equal Opportunity Officer, shall review the record and convene all available members of the Equal Opportunity Committee.
5. Members of the Equal Opportunity Committee, exclusive of the concerned member of the Equal Opportunity Committee, shall review the record and reach a decision. The decision of the Committee shall be final and binding for the University.
6. The Chairman of the Equal Opportunity Committee, within 5 work days after meetings of the Equal Opportunity Committee, shall notify in writing the University President, the concerned member of the Equal Opportunity Committee and the University's Equal Opportunity Officer of the Committee's decision and reasons for the decision.

Immediately upon the receipt of the Committee's decision, the Equal Opportunity Officer shall notify the complainant in writing about the decision.

# Degrees

## College of Arts & Sciences

### African Studies

#### African Studies (B.A.)

The Department of African Studies (DAS) provides an opportunity for Howard students to acquire an objective view of the present position of Africa in the modern (and changing) world, as well as an understanding of Africa's economic, social, and political problems. The department has adopted an interdisciplinary approach to the study of Africa at both the undergraduate and graduate levels. At the undergraduate level, the department educates students who wish to continue their studies in African affairs or are preparing to work in this field.

\*Except where noted, the elective requirements can be met by courses numbered from 000 to 299 that satisfy the degree credit hour requirement in consultation with an academic advisor.

**Type:** B.A.

**Type:** B.A.

#### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
ENGW 104	Writing, Literacy & Discourse	3
	Mathematics Elec (Options: Courses under code MATH)	3
	AFST 101/701	3
AFST 111	African Systems of Thought	3
	HHPL 159/160/175	1
	<b>Sub-Total Credits</b>	<b>14</b>

#### Freshman Year Second Semester

Item #	Title	Credits
	AFST 106/776	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	HHPL 002/003/004	1
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	African Studies Elective (Options: Courses under subject code AFST)	3
	African Studies Elective (Options: Courses under subject code AFST)	3
AFST 156	Intro to African Literature	3
	African Studies Elective (Options: Courses under subject code AFST)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Philosophy Elective - Choose between PHIL 051, 053, 055, 056, 057, or 059.

Item #	Title	Credits
ENGW 105	Reflect. Wrting Portf- MAJORS	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
AFST 102	Science Tech & African Develop	3
	African Studies Elective (Options: Courses under subject code AFST)	3
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
AFST 110	Afr Dev & Underdevelop	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Mathematics Elec (Options: Courses under code MATH)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>13</b>



## Senior Year First Semester

Item #	Title	Credits
AFST 183	Internship in African Study	3
	Minor Concentration (Options: Courses under subject code AFST)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

\*English Writing Course - Third writing class (Options: ENGL courses above 003).

Item #	Title	Credits
AFST 182	Seminar in Regional Studies	3
	English Writing Course	3
	Minor Concentration (Options: Courses under subject code AFST)	3
	Minor Concentration (Options: Courses under subject code AFST)	3
SLMC 101	Principles of Speech	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Mathematics Elec (Options: Courses under code MATH)

#### AFST 101/701

Choose between AFST 101 OR AFST 701.

#### HHPL 159/160/175

Choose from HHPL 159, 160, 175

#### AFST 106/776

Choose between AFST 106 OR AFST 776.

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### HHPL 002/003/004

Choose between HHPL 002, 003, OR 004.

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3

GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3

RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### African Studies Elective (Options: Courses under subject code AFST)

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Philosophy (Elective)

### Physical Education Elective (options: courses under subject code HHPL)

### Minor Concentration (Options: Courses under subject code AFST)

## English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

## Afro-American Studies

### Afro-American Studies (B.A)

A major in Afro-American studies prepares students to understand the context and dynamics of the African American experience, past and present, gives you an introduction to the methods of the social sciences in a comparative, interdisciplinary context, and develops your abilities for graduate studies. You can choose from three areas of concentration. The political concentration includes an overview of the institution of human bondage, black political thought and activism in nineteenth-and twentieth-century America, and the political economies of contemporary Afro-Caribbean societies. A sociological concentration is based on the voluntary associations. The cultural concentration highlights the black experience in literature and popular culture.

**Type:** B.A.

**Type:** B.A.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGW 104	Writing, Literacy & Discourse	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
AFRO 005	Intro Afro-American Studies I	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGW 105	Reflect. Wrting Portf- MAJORS	3
	Speech	3
	Math Elective	3-4
AFRO 006	Intro Afro-America Studies II	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	AFRO Course (Options: see Elective Group Descriptions)	3
	AFRO Course (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Minor Concentration (Courses level 000 to 299 in identified subject for Minor).

Item #	Title	Credits
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	AFRO Course (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Philosophy (Elective)	3
	AFRO Course (Options: see Elective Group Descriptions)	3
	AFRO Course (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

\*Minor Concentration (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
	Afro-American Cluster (Options: see Elective Group Descriptions   African-American Studies)	3
	Physical Education (Swimming) - 1 cr	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
AFRO 775	Prep-Practicum-Writing	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

\*Minor Concentration (Courses level 000 to 299 in identified subject for Minor)

\*General Elective (Courses level 000 to 299)

Item #	Title	Credits
AFRO 159	Senior Seminar for Majors	3
AFRO 176	Practicum/Internship	6
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year Second Semester

\*Minor Concentration (Courses level 000 to 299 in identified subject for Minor)

\*General Elective (Courses level 000 to 299)

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>13</b>

## Category Descriptions

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Speech



## Math Elective

Choose between the following course offerings.

MATH 012	Patterns in Mathematics	3
MATH 007	Precalculus	4
MATH 010	College Algebra II	4
MATH 009	Introduction to Statistics	4

## AFRO Course (Options: see Elective Group Descriptions)

## Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3

GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Minor Elective (Options: To be determined in consultation with advisor)**

**Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)**

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

**Physical Education Elective (options: courses under subject code HHPL)**

## Philosophy (Elective)

### Afro-American Cluster (Options: see Elective Group Descriptions | African-American Studies)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions) 3

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## Physical Education (Swimming) - 1 cr

### General Elective (Options: To be determined in consultation with advisor) (3)

## Art

### Art History

#### Art History (B.A.)

In addition to providing students with a broad understanding of world art, the Art History program focuses on African American art and the art of the African Diaspora. In beginning and advanced courses and seminars, students are encouraged to engage in scholarly investigation and analysis of visual styles, cultural movements, and social evidence in the history of art, especially original scholarship in African American and African Art History. The program's strong research focus provides a virtual road map for students who wish to pursue careers as art historians in academia or in museums as curators and educators.

**Type:** B.A.

**Type:** B.A.

#### Freshman Year First Semester

\*Freshman Composition (Courses under subject code ENGW)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Freshman Composition	3
FRSM 001	Freshman Seminar	1
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTH 164	Survey of Visual Art	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	Freshman Composition	3
ARTP 050	Basic Black & White Photography	3
ARTH 165	Introduction to Art History	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
HIST 005	Intro Black Diaspora I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
ARTP 031	Printmaking I	3
ARTH 181	Research in Art History	3
ARTH 188	African Art: Traditions & Contin	3
ARTH 178	African-American Art I	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ARTE 080	Comp in the Arts & Dig Imaging	3
ARTH 172	West African Art	3
ARTH 179	African American Art II	3
	Art Elective	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

\*Choose MUSC 100 or THSV 10

Item #	Title	Credits
MUSC 100	Introduction to Music	3
THSV 10	Intro to Theater	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Art History Elective (Options: Courses under code ARTH)	3
	Art History Elective (Options: Courses under code ARTH)	3
ARTH 170	Modern Art History I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Choose MUSC 100 or THSV 10

Item #	Title	Credits
MUSC 100	Introduction to Music	3
THSV 10	Intro to Theater	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Art History Elective (Options: Courses under code ARTH)	3
	Art History Elective (Options: Courses under code ARTH)	3
ARTH 170	Modern Art History I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*University Elective (Courses level 000-299)

\*\*Art History Elective (Courses under code ARTH)

Item #	Title	Credits
SLMC 101	Principles of Speech	3
	Univ. Elective or Art History Elective	3
	Art History Elective (Options: Courses under code ARTH)	3
ARTH 168	Internship in Art History	1-6
	<b>Sub-Total Credits</b>	<b>10-15</b>

## Senior Year Second Semester

\*Art History Seminar (Course under code ARTH)

\*\*Fine Arts Elective (Courses under code ARTH, ARTP, ARTF)

\*\*\*University Elective (Courses level 000 to 299)

\*\*\*\*Art History Elective (Courses under code ARTH)

Item #	Title	Credits
	Art History Seminar	3
	Fine Arts Elective (3)	3
	University Elective	3
	Art History Elective (Options: Courses under code ARTH)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>119-124</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

## Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language \* (Options: see Elective Group Descriptions) 3

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## Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

## Art Elective

## Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4

MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Art History Elective (Options: Courses under code ARTH)

### Univ. Elective or Art History Elective

### Art History Seminar

### Fine Arts Elective (3)

### University Elective

## Ceramics

### Art - Ceramics Concentration (B.F.A.)

The Ceramics Program provides students with a technical foundation in basic hand and wheel formation, glaze calculation, clay formulation, and a range of finishing and firing techniques. Advanced students are encouraged to explore the full range of possibilities in clay. The ceramics unit is designed to train students to become the traditional production potter; the ceramic sculptor and the visionary artists who want to combine and experiment with state of the arts ceramic materials and technology to create their visual voice

**Type:** B.F.A.

**Type:** B.F.A.

## Freshman Year First Semester

Item #	Title	Credits
ENGL 002	Freshman Composition	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTF 001	Drawing I	3
ARTH 164	Survey of Visual Art	3
FRSM 001	Freshman Seminar	1
<b>Sub-Total Credits</b>		<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
ENGL 003	Freshman Composition (Hybrid)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTF 002	Drawing II	3
ARTH 165	Introduction to Art History	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
ARTC 121	Ceramics I	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
ARTR 003	Drawing III (Figure)	3
ARTA 011	Painting I	3
ARTE 080	Comp in the Arts & Dig Imaging	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ARTC 122	Ceramics II	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
ARTR 004	Drawing IV (Spatial Concepts)	3
ARTP 031	Printmaking I	3
<b>Sub-Total Credits</b>		<b>15</b>



## Junior Year First Semester

Item #	Title	Credits
ARTC 123	Ceramics III	3
ARTC 125	Ceramics V	3
ARTS 141	Sculpture I: Modeling & Cast	3
	Art Elective	3
ARTH 178	African-American Art I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
ARTC 124	Ceramics IV	3
ARTC 126	Ceramics VI	3
ARTC 138	Ceramic Sculpture	3
	Art Elective	3
ARTH 179	African American Art II	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ARTC 128	Ceramics VIII	3
ARTC 129	Ceramics IX	3
	Art Elective	3
	Art Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*University Elective (Courses level 000 to 299)

Item #	Title	Credits
ARTC 130	Ceramics X	3
ARTC 137	Ceramic Sculpture workshop	3
	Art Elective	3
	Art Elective	3
	University Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4

Art ElectiveUniversity Elective

## Design

### Art - Design Concentration (B.F.A)

The goal of the Howard University Design Program is to develop an immense range of knowledge, skills and competencies in the area of visual communication through cross-curricular experiences. This is achieved through the study of theory and the practical application of learned techniques. This program reacquaints the student artist with foundation principles that are central to design. Through an intensive curriculum in visual and technologically-mediated communication students will learn how to identify, research, analyze, and solve problems at various levels, providing multiple solutions, mechanicals and prototypes. Students will also develop the ability to produce the following visual forms as solutions to studio and related real life problems: • two-dimensional • three-dimensional • printed • digital • motion • interactive Ideally, this program will cultivate competency in problem solving abilities, proficiency in conceptual skills and mastery of craftsmanship within each graduate.

**Type:** B.F.A.

\*University Electives (Courses level 000 to 299)

**Type:** B.F.A.

### Freshman Year First Semester

Item #	Title	Credits
ENGL 002	Freshman Composition	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTF 001	Drawing I	3
ARTH 164	Survey of Visual Art	3
FRSM 001	Freshman Seminar	1
<b>Sub-Total Credits</b>		<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGL 003	Freshman Composition (Hybrid)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTF 002	Drawing II	3
ARTH 165	Introduction to Art History	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 105	Typography I	3
ARTR 003	Drawing III (Figure)	3
ARTP 050	Basic Black & White Photography	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 108	Typography II	3
ARTR 004	Drawing IV (Spatial Concepts)	3
ARTP 063	Digital Darkroom	3
ARTD 104	Intro to Digital Design	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 106	Design for Advertising I	3
ARTD 109	Reproduction and Technique	3
ARTD 115	Digital Design I	3
ARTA 011	Painting I	3
ARTH 178	African-American Art I	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 107	Design for Advertising II	3
ARTD 111	Illustration	3
ARTD 122	Digital Design II	3
ARTD 119	Internship in Design	3-6
ARTH 179	African American Art II	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 101	Principles of Speech	3
ARTD 118	Newspaper & Magazine Design I	3
ARTD 110	Studio Problems in Design	3
ARTD 126	Web Dev & Interactive Media	3
ARTD 112	Prod & Portfolio Techniques I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
ARTD 123	Magazine & News Design II	3
	Art History Elective (Options: Courses under code ARTH)	3
	Art Elective	3
ARTD 125	Industry Prep & Entrepreneur	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Art History Elective (Options: Courses under code ARTH)

### Art Elective

### General Elective (Options: To be determined in consultation with advisor) (3)

## Electronic Studio Art

### Art - Electronic Studio Concentration (B.F.A.)

The Electronic Studio program is designed for students preparing for careers as web designers, two- and three-dimensional animators, special effect artists for TV and Film, product design, and motion graphics. The curriculum combines the fundamentals of visual arts: drawing, painting, illustration, and two-dimensional and three-dimensional design. Photography and video, with intensive applied computer technology and software techniques as applied to visual communications and design. Course work is designed to incorporate prerequisite visual arts courses to prepare students to be competitive in the visual arts and computer-aided art and design fields.

**Type:** B.F.A.

**Type:** B.F.A.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 002	Freshman Composition	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTF 001	Drawing I	3
ARTE 080	Comp in the Arts & Dig Imaging	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 003	Freshman Composition (Hybrid)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTF 002	Drawing II	3
ARTE 081	Desktop Web Publishing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Art Elective - Sculpture/Ceramics

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTH 164	Survey of Visual Art	3
ARTE 082	Presentation Graphics	3
ARTR 003	Drawing III (Figure)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Art Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Art Elective - Design

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTH 165	Introduction to Art History	3
ARTR 004	Drawing IV (Spatial Concepts)	3
ARTP 050	Basic Black & White Photography	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Art Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Choose between Div B/C

Item #	Title	Credits
ARTE 086	Multi-Media	3
ARTE 084	Image Processing	3
ARTH 178	African-American Art I	3
ARTE 095	3D Modeling & Animation I	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
ARTE 085	Digital Photography	3
ARTE 087	Multi-Media II	3
ARTE 083	2D Animation	3
ARTE 096	3D Modeling & Animation II	3
ARTH 179	African American Art II	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ARTE 093	Internship Electronic Studio	3
ARID 102	Capstone Senior Project I	3
ARTE 091	Independent Study I	3
	University Elective	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year Second Semester

\*ARTE 093 - Only 3 credit hours can be used towards degree requirements unless special permission is provided by the chair or program director.

\*\*Art Elective - Painting

Item #	Title	Credits
	Art Elective	3
ARID 103	Sr. Workshop/Capstone II	3
ARTE 092	Independent Study II	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>13</b>
<b>Total credits:</b>		<b>120</b>



## Category Descriptions

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Art Elective

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4

MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

**Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)**

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

**University Elective**

**Divisional Studies A\* (Options: see Elective Group Descriptions)**

## Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

# Fashion

## Art-Fashion Design Concentration (B.F.A.)

The BFA in Design with a concentration in Fashion Design provides students with an overview of the fashion industry and the role of the consumer, with emphasis on product development. Students will explore fashion design in conjunction with the critical elements of design, forecasting, production, evaluation, branding, and sustainability of textiles, clothing, accessories, and home furnishings that globally bind consumers to products.

**Type:** B.F.A.

**Type:** B.F.A.

### Freshman Year First Semester

Item #	Title	Credits
ENGL 002	Freshman Composition	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTF 001	Drawing I	3
ARTD 103	Design History	3
FRSM 001	Freshman Seminar	1
<b>Sub-Total Credits</b>		<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGL 003	Freshman Composition (Hybrid)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTF 002	Drawing II	3
ARTH 165	Introduction to Art History	3
ARTD 116	History of Design II	3
<b>Sub-Total Credits</b>		<b>18</b>

### Sophomore Year First Semester

Item #	Title	Credits
FASH 009	Fashion Studio I: Beginning Construction	3
FASH 004	Intro to Fashion Industry	3
FASH 124	Textiles	3
FASH 163	Fashion Illustration I	3
FASH 196	Sustainability	3
MATH 006	College Algebra I	3
<b>Sub-Total Credits</b>		<b>18</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ARTD 104	Intro to Digital Design	3
FASH 162	Fashion Studio II: Advanced Construction	3
FASH 164	Fashion Illustration II	3
FASH 187	Clothing and Human Behavior	3
FASH 174	Fashion Industry II: Fashion Trend Analysis	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
HHPL 102	Human Anatomy (Majors only)	3
FASH 172	Fashion Studio III: Patternmaking & Draping	3
FASH 186	Clothing in History	3
	PSYC 050 or SOCI 001	3
HHPL 108	Human Anatomy Lab	1
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
ANTH 110	Intro to Cult Anthropology	3
FASH 184	Historic Textiles	3
FASH 168	Practicum in Fashion	3
FASH 188	Current Clothing Topics	3
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year First Semester

Item #	Title	Credits
ARTD 112	Prod & Portfolio Techniques I	3
FASH 102	African American Dress	3
FASH 177	Fashion in Context	3
ARTE 085	Digital Photography	3
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year Second Semester

\*Choose between ARTD 125 or FASH 197.

Item #	Title	Credits
ARTD 125	Industry Prep & Entrepreneur	3
FASH 197	Fashion Entrepreneurship	3
FASH 241	Fashion Seminar	3
FASH 198	International Trade in Textiles and Apparel	3
FASH 193	Fashion Brand Identity	3
<b>Sub-Total Credits</b>		<b>12</b>
<b>Total credits:</b>		<b>119</b>

## Category Descriptions

### PSYC 050 or SOCI 001

Choose between PSYC 050: Introductory Psychology (Non-Majors/Non-Minors Only) (3crs) and SOCI 001: Introduction to Sociology (3crs).

PSYC 050	Intro to Psychology	3
SOCI 001	Introduction to Sociology	3

## Interior Design

### Art - Interior Design Concentration (B.F.A.)

The Interior Design program focuses on the function and quality of interior environments by considering aesthetic, technical, social and cultural aspects of the built environment. It emphasizes the development of the student's ability to handle design concepts, space analysis and planning and knowledge of materials, furnishings and construction in order to produce interiors for residential, commercial and special uses. The program prepares the student for further study in interior design and equips them with the skills and knowledge to serve as corporate design team members.

**Type:** B.F.A.

\*General Electives (Courses level 000 to 299)

**Type:** B.F.A.

### Freshman Year First Semester

Item #	Title	Credits
ENGL 002	Freshman Composition	3
ARTF 001	Drawing I	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTH 164	Survey of Visual Art	3
FRSM 001	Freshman Seminar	1
<b>Sub-Total Credits</b>		<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGL 003	Freshman Composition (Hybrid)	3
ARTR 004	Drawing IV (Spatial Concepts)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTD 104	Intro to Digital Design	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
INTD 098	Environmental Factors of Interior Design	3
INTD 100	Fundamental Drafting of Interiors	3
INTD 102	History of Interiors & Architecture	3
INTD 106	CAD for Interiors I	3
	Digital Design I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
INTD 104	Construct of Interior Spaces	3
INTD 107	CAD for Interior II	3
INTD 109	Materials and Interior Components	3
INTD 110	Interior Render & Present Tech	3
ARTH 170	Modern Art History I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MATH 006	College Algebra I	3
INTD 111	Resident Interior Design I	3
INTD 113	Office Interior Design	3
INTD 116	Lighting of Interior Spaces	3
ARTH 178	African-American Art I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Choose between SOCI 001 or SOCI 020

Item #	Title	Credits
	Afro-American Cluster (Options: see Elective Group Descriptions   African-American Studies)	3
INTD 103	Contemporary Interiors	3
INTD 118	Commercial Interior Design I	3
INTD 130	Furniture Design I	3
SOCI 001	Introduction to Sociology	3
SOCI 020	Introduction to Social Psych	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
INTD 125	Portfolio Development & Review	3
INTD 169	Fieldwork Interior Design	4
PSYC 050	Intro to Psychology	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
	INTD Selective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

\*Art Elective - Black & White Photography

Item #	Title	Credits
INTD 114	Business Aspects Int Design	3
INTD 121	Int. Design VI, Adv Problem Th	4
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	Art Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Digital Design I

### Afro-American Cluster (Options: see Elective Group Descriptions | African-American Studies)

Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
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### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3



HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### INTD Selective

General Elective (Options: To be determined in consultation with advisor) (3)

### Art Elective

## Painting

### Art - Painting Concentration (B.F.A.)

The Painting program is designed to introduce students to traditional and contemporary painting techniques with an emphasis on the control of paint and the painted form. In the intermediate and advanced level courses, students are encouraged to experiment with various media and thematic approaches.

**Type:** B.F.A.

**Type:** B.F.A.

### Freshman Year First Semester

Item #	Title	Credits
ENGL 002	Freshman Composition	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTF 001	Drawing I	3
ARTH 164	Survey of Visual Art	3
FRSM 001	Freshman Seminar	1
<b>Sub-Total Credits</b>		<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
ENGL 003	Freshman Composition (Hybrid)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTF 002	Drawing II	3
ARTH 165	Introduction to Art History	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
ARTR 003	Drawing III (Figure)	3
ARTA 011	Painting I	3
ARTS 141	Sculpture I: Modeling & Cast	3
	Art History Elective (Options: Courses under code ARTH)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ARTR 004	Drawing IV (Spatial Concepts)	3
	Painting Elective	3
ARTD 104	Intro to Digital Design	3
	Art History Elective (Options: Courses under code ARTH)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	Painting Elective	3
	Painting Elective	3
	Ceramics Elective	3
MATH 006	College Algebra I	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

\*University Elective (Courses level 000 to 299) - Art Acceptable

Item #	Title	Credits
	Painting Elective	3
	Philosophy (Elective)	3
	Art Elective	3
	MATH 005/006/010	3
	University Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

\*Painting Elective (Courses under code ARTA)

Item #	Title	Credits
SLMC 101	Principles of Speech	3
	Painting Elective	3
	Painting Elective	3
	Art Elective	3
	Art Elective	3
ARTP 031	Printmaking I	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Senior Year Second Semester

\*Painting Elective (Courses under code ARTA)

Item #	Title	Credits
	Senior Thesis in Painting	3
	Art Elective	3
	Art Elective	3
	University Elective	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

Art History Elective (Options: Courses under code ARTH)

Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3

GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

## Painting Elective

## Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3

CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Ceramics Elective

Courses with subject code ARTC

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

## Philosophy (Elective)

## Art Elective

## MATH 005/006/010

Choose between MATH 005, 006, or 010.

## University Elective

## Senior Thesis in Painting

# Photography

## Art - Photography Concentration (B.F.A.)

The Photography program provides students with skills, techniques, and principals of conventional darkroom practices, which form the framework for digital imaging in advance courses. Color photography, taught in combination with Photoshop, adds another dimension to creative control and expression along with multimedia applications. Advance courses in Studio Lighting, Alternative Processes, and Independent Study, are designed to allow the student to produce portfolios from collective experiences and photographic knowledge. The photography program embraces modern technologies while enforcing the principles of light, color and image capture for print and the Web. We ground the student in the fundamentals of basic darkroom techniques with black and white film and chemistry in producing a finished print. Other courses challenge your approach to thematic concepts where you express ideas illustrated through the images you produce. Through digital applications you'll learn about basic color theory, characteristics and behaviors and how color impacts the image. The program rounds out with studio lighting, alternative processes and multimedia production giving the student necessary skill sets and collaborative working environments reflecting the current trends of the global market.

**Type:** B.F.A.

\*University Elective (Courses level 000 to 299)

\*\*Studio Elective (Courses under code ARTD)

\*\*\*Art History Elective (Courses under code ARTH)

\*\*\*\*\*Art Elective (Courses under code ARTF & ARTD)

**Type:** B.F.A.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 002	Freshman Composition	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
FRSM 001	Freshman Seminar	1
ARTH 164	Survey of Visual Art	3
ARTF 001	Drawing I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 003	Freshman Composition (Hybrid)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTP 050	Basic Black & White Photography	3
ARTH 165	Introduction to Art History	3
ARTF 002	Drawing II	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year First Semester

\*Choose HIST 009 or Div. C

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTP 051	Intermediate Photography	3
HIST 009	U S History to 1877	3
MATH 006	College Algebra I	3
ARTE 080	Comp in the Arts & Dig Imaging	3
ARTH 170	Modern Art History I	3
HHPL 175	Controlling Stress & Tension	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTP 085	Digital Photo	3
ARTP 031	Printmaking I	3
MATH 012	Patterns in Mathematics	3
MJFC 421	Blacks in Film	3
ARTH 181	Research in Art History	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	Foreign Language (4 credits)	4
ARTP 063	Digital Darkroom	3
ARTH 178	African-American Art I	3
	Studio Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year Second Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ARTP 056	Documentary Photography	3
ARTH 179	African American Art II	3
	Studio Elective	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year First Semester

Item #	Title	Credits
ARTP 058	Problems in Photography	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Art History Elective (Options: Courses under code ARTH)	3
	Studio Elective	3
	University Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
ARTP 059	IS: Study in Photography	3
ARTP 057	Senior Photography I	3
	Studio Elective	3
	Studio Elective	3
	University Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

Foreign Language (4 credits)

Studio Elective



## Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

## Art History Elective (Options: Courses under code ARTH)

### University Elective

## Sculpture

### Art - Sculpture Concentration (B.F.A.)

The Sculpture program provides students with a variety of sculpting experiences. The program offers courses in figure and character modeling, welded and forged steel fabrication, multi-media assemblage, wood and stone carving, woodworking, cement, and mold making and casting. B.F.A. candidates may specialize in one or a combination of areas depending on their personal direction and career path. Graduate and undergraduate students work side-by-side in a 5600 sq. ft. studio facility which houses three shop areas, graduate studios, an outside gated work area, and a 3D modeling computer lab.

**Type:** B.F.A.

**Type:** B.F.A.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 002	Freshman Composition	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ARTF 001	Drawing I	3
ARTH 164	Survey of Visual Art	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 003	Freshman Composition (Hybrid)	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTF 002	Drawing II	3
ARTH 165	Introduction to Art History	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Divisional D (MATH)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTS 141	Sculpture I: Modeling & Cast	3
ARTR 003	Drawing III (Figure)	3
ARTS 143	Figure Sculpture I	3
ARTC 121	Ceramics I	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Divisional D (MATH)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTS 142	Sculpture II: Fabric & Carving	3
ARTS 144	Figure Sculpture II	3
ARTC 137	Ceramic Sculpture workshop	3
ARTR 004	Drawing IV (Spatial Concepts)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Sculpture Elective (Courses under ARTS)

Item #	Title	Credits
ARTS 149	Metal Sculpt I: Welding Fabric	3
ARTE 080	Comp in the Arts & Dig Imaging	3
	Sculpture Elective	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
ARTH 178	African-American Art I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Sculpture Elective (Courses under ARTS)

Item #	Title	Credits
ARTS 150	Metal Sculpture II: Smithing and Forge Fabrication	3
	Art Elective	3
	Sculpture Elective	3
	Humanities Elective (Options: See Elective Group List Divisional Studies A - Humanities)	3
ARTH 179	African American Art II	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Sculpture Elective (Courses under code ARTS)

\*\*University Elective (Courses level 000 to 299)

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ARTS 147	Wood Sculpture	3
	Sculpture Elective	3
	Art Elective	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*University Elective (Courses level 000 to 299)

Item #	Title	Credits
ARTS 148	Stone Sculpture	3
	Sculpture Elective	3
	Art Elective	3
	Art History Elective (Options: Courses under code ARTH)	3
	University Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Sculpture Elective

## Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

## Art Elective

## Humanities Elective (Options: See Elective Group List Divisional Studies A - Humanities)

Divisional Studies A\* (Options: see Elective Group Descriptions) 3

## Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3

GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Art History Elective (Options: Courses under code ARTH)

### University Elective

## Biology

### Biology (B.S.)

The Biology Department has established a strong instructional and research unit in contemporary biological sciences and will maintain a faculty that is committed to optimizing the pursuit of new knowledge and the

discovery of new information through original research and to the communication of specialized information and skills. The department offers both lecture and laboratory courses as well as research opportunities organized around three areas of concentration: Cellular and Molecular Biology, Anatomy and Physiology, and Ecology and Evolutionary Biology.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

**Type:** B.S.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
FRSM 001	Freshman Seminar	1
MATH 007	Precalculus	4
BIOL 101	General Biology Lec/Lab	4
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
BIOL 102	General Biology Lec/ Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
MATH 156	Calculus I	4
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year First Semester

\*Choose Division A, B, or C course.

Item #	Title	Credits
BIOL 200	Genetics Lec/Lab	4
CHEM 141	Organic Chemistry I (Lecture)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
ENGL 009	Tech Writing Pre-Professional	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*Choose Division A, B, or C course.

Item #	Title	Credits
	Biology Electives	3-4
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
	Biology Electives	3-4
PHYS 001	General Physics Lec-Rec-Lab I	5
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Choose Division A, B, or C course.

Item #	Title	Credits
	Biology Electives	3-4
PHYS 002	General Physics Lec-Rec-Lab II	5
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year First Semester

\*Choose Division A, B, or C course.

Item #	Title	Credits
	Biology Electives	3-4
	Biology Electives	3-4
BIOL 493	Senior Seminar	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

\*Choose Division A, B, or C course.

Item #	Title	Credits
	Biology Electives	3-4
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	African American Cluster (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Physical Education Elective (options: courses under subject code HHPL)

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
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Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3

RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### **Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### **Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)**

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3

ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

## Biology Electives

Note – all core courses (BIOL101, BIOL 102, and BIOL 200) must be completed before taking most Biology electives.

BIOL 220	General Microbiology Lec/Lab	4
BIOL 310	Cell Biology	4
BIOL 320	Molecular Biology Lec/Lab	4
BIOL 413	Developmental Biology Lec	0-4
BIOL 416	Advanced Cytology Lec-Lab	0-4
BIOL 420	Cancer Biology	3
BIOL 421	Virology	3
BIOL 422	Immunology Lec/Lab	4
BIOL 425	Patho Bacteriology Lec/Lab	0-4
BIOL 441	Endocrinology I Lec/Lab	4
BIOL 450	Molecular Genetics Lec/Lab	0-4
BIOL 462	Biotechnology Lec/Lab	0-4
BIOL 500	Topics Cell & Molecular Biol	1
BIOL 219	Top: Biological & Social Aspec	1
BIOL 251	Comparative Anatomy	4
BIOL 319	Aging Physiology&age-relat dis	1
BIOL 340	Bacterial Physiology	3
BIOL 341	Animal Physiology	4
BIOL 344	Plant Physiology Lec/Lab	4
BIOL 406	Exper Parasitology	4
BIOL 444	Neuroscience Lec/Lab	4
BIOL 460	Molecular Physiology of Plants	4
BIOL 502	Topics (Ecology & Evolution)	1

BIOL 202	Plant Diversity Lec/Lab	4
BIOL 205	Invertebrate Biology Lec/Lab	4
BIOL 230	Ecology Lec/Lab	0-4
BIOL 240	Evolution	3
BIOL 328	Global Environment	0-4
BIOL 402	Insect Biology Lec/Lab	0-4
BIOL 404	Parasitology	4
BIOL 407	Ichthyology Lec/Lab	0-4
BIOL 409	Animal Behavior Lec/Lab	0-4
BIOL 410	Plant Systematics	4
BIOL 412	Biological Anth. & Human Evol.	4
BIOL 424	Environ Microbiology Lec-Lab	4
BIOL 426	Food Microbiology Lec/Lab	0-4
BIOL 432	Plant Populations and Communities	4
BIOL 449	Population Genetics Lec-Lab	0-4
BIOL 475	Human Evolutionary Bio Lec/Lab	4
BIOL 204	Science & Public Policy	3
BIOL 390	Independent Investigations	3
BIOL 430	Biostatistics Lec/Lab	4
PSYC 023	Neuropsychology	3
CHEM 151	Biochemistry I	3
CHEM 152	Biochemistry II	3
BIOL 217	Honors Orientation	1
BIOL 218	Direct Readings for Sophomores	1
BIOL 419	Bioinformatics Lec/Lab	4
BIOL 491/492	Honors Research	2
BIOL 498/499	Honors Seminar	0
BIOL 801	Environmental Studies I	3
BIOL 501	Topics (Anat & Physiology)	1
BIOL 317	Direct Readings in Jr Honors	1
BIOL 318	Direct Readings in Jr Honors	1
BIOL 417	Evolutionary Medicine Lec/Lab	4

**Foreign Language \* (Options: see Elective Group Descriptions)**

Foreign Language \* (Options: see Elective Group Descriptions) 3

**Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)**

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

**African American Cluster (Options: see Elective Group Descriptions)**

# Criminology

## Criminology (B.A.)

The Criminology program provides students with the basic tools for analysis and insight, including research methods (both quantitative and qualitative) and theory. Furthermore, our curriculum equips students to more effectively negotiate the diverse society in which we live by addressing social inequalities such as race/ethnicity, gender and social class. Above all, the Criminology program with its emphasis on writing, critical thinking, group dialogue, and one-on-one faculty mentorship, gives graduates the strong writing, research, and analytic skills that are increasingly attractive to employers in the information age.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

**Type:** B.A.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
ENGL 002	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
SOCI 001	Introduction to Sociology	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Edu Health Science	1
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGL 003	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
HHPL 002	Beginning Swimming	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

\*MATH 006 or MATH 001

Item #	Title	Credits
	Writing Course	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
MATH 006	College Algebra I	3
	African American Cluster (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*MATH 007 or MATH 002

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MATH 007	Precalculus	4
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

\*Minor Course (Courses level 000 to 299 in identified subject Minor)

Item #	Title	Credits
SLMC 101	Principles of Speech	3
SOCI 074	Corrections	3
SOCI 110	Elementary Statistics	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Minor Elective (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
SOCI 070	Criminology	3
SOCI 111	Sociological Methods	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
SOCI 170	Principles of Criminal Justice	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

\*Minor Course (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
SOCI 079	Internship Criminology	3
	CRIM Elective	3
	CRIM Elective	3
	Minor Course (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
	CRIM Elective	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>
<b>Total credits:</b>		<b>121</b>

## Category Descriptions

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language * (Options: see Elective Group Descriptions)	3
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### Divisional Studies A\* (Options: see Elective Group Descriptions)



## Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

## Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

## Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

## Physical Edu Health Science

HHPL 159, 160, or 175.

## Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3

SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Writing Course

### African American Cluster (Options: see Elective Group Descriptions)

Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
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### Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)

### General Elective (Options: To be determined in consultation with advisor) (3)

### Minor Course (Options: To be determined in consultation with advisor)

### Minor Elective (Options: To be determined in consultation with advisor)

### CRIM Elective

## Chemistry

### Chemistry (B.S.) - Calculus Sequence

The chemistry undergraduate major gives a solid preparation for further study in medicine and dentistry. It is also a desirable major for students who later choose to pursue law or business administration. The broad requirements in physics and mathematics provide a strong background for a career in the teaching of science. In general, chemists are employed in chemical manufacturing, pharmaceutical manufacturing, the petrochemical industries, teaching, environmental and waste management, and in government.

**Type:** B.S.

i. Students must take courses from the African-American Cluster such as: Divisional A: ENGL 054/055 African-American Literature; Divisional B: AFRO 005/006 Afro-American Studies; Divisional C: AFST 101 African World: Introduction to Contemporary Africa

ii. General and Chemistry Electives should be chosen with the assistance of an advisor

**Type:** B.S.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
MATH 156	Calculus I	4
FRSM 001	Freshman Seminar	1
ENGL 002	Freshman Composition	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
MATH 157	Calculus II	4
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
ENGL 003	Freshman Composition (Hybrid)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

\*Choose between PHYS 001 or PHYS 013.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 141	Organic Chemistry I (Lecture)	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 013	Phys for Sci & Engr Lec I	3
MATH 158	Calculus III	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Choose between PHYS 002 or PHYS 013

Item #	Title	Credits
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
CHEM 171	Physical Chemistry I	3
CHEM 173	Physical Chem Lab I	2
BIOL 101	General Biology Lec/Lab	4
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
CHEM 172	Physical Chemistry II	3
CHEM 174	Physical Chemistry Lab II	2
CHEM 101	Inorganic Chemistry	3
SLMC 101	Principles of Speech	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General/Chemistry Elective	1-3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
CHEM 122	Analytical Chemistry	3
CHEM 123	Analytical Chemistry Lab	2
CHEM 151	Biochemistry I	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
HHPL 002	Beginning Swimming	1
	General/Chemistry Elective	1-3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
CHEM 127	Instr Methods of Analysis Lab	2
CHEM 126	Instr Methods of Analysis	3
CHEM 152	Biochemistry II	3
PHIL 055	Intro to Philosophy	3
	General/Chemistry Elective	1-3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Physical Education Elective (options: courses under subject code HHPL)

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language * (Options: see Elective Group Descriptions)	3
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## Divisional Studies A\* (Options: see Elective Group Descriptions)

### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

## General/Chemistry Elective

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

## Chemistry (B.S.) - Pre-Calculus Sequence

The chemistry undergraduate major gives a solid preparation for further study in medicine and dentistry. It is also a desirable major for students who later choose to pursue law or business administration. The broad requirements in physics and mathematics provide a strong background for a career in the teaching of science. In general, chemists are employed in chemical manufacturing, pharmaceutical manufacturing, the petrochemical industries, teaching, environmental and waste management, and in government.

**Type:** B.S.

i. Students must take courses from the African-American Cluster such as: Divisional A: ENGL 054/055 African-American Literature; Divisional B: AFRO 005/006 Afro-American Studies; Divisional C: AFST 101 African World: Introduction to Contemporary Africa

ii. General and Chemistry Electives should be chosen with the assistance of an advisor

**Type:** B.S.



## Freshman Year First Semester

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
MATH 007	Precalculus	4
FRSM 001	Freshman Seminar	1
ENGL 002	Freshman Composition	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
<b>Sub-Total Credits</b>		<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
MATH 156	Calculus I	4
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
ENGL 003	Freshman Composition (Hybrid)	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year First Semester

\*Choose between PHYS 001 or PHYS 013.

Item #	Title	Credits
CHEM 141	Organic Chemistry I (Lecture)	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 013	Phys for Sci & Engr Lec I	3
MATH 157	Calculus II	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year Second Semester

\*Choose between PHYS 002 or PHYS 013

Item #	Title	Credits
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
MATH 158	Calculus III	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
CHEM 171	Physical Chemistry I	3
CHEM 173	Physical Chem Lab I	2
BIOL 101	General Biology Lec/Lab	4
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
CHEM 172	Physical Chemistry II	3
CHEM 174	Physical Chemistry Lab II	2
CHEM 101	Inorganic Chemistry	3
SLMC 101	Principles of Speech	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
CHEM 122	Analytical Chemistry	3
CHEM 123	Analytical Chemistry Lab	2
CHEM 151	Biochemistry I	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
HHPL 002	Beginning Swimming	1
	General/Chemistry Elective	1-3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
CHEM 127	Instr Methods of Analysis Lab	2
CHEM 126	Instr Methods of Analysis	3
CHEM 152	Biochemistry II	3
PHIL 055	Intro to Philosophy	3
	General/Chemistry Elective	1-3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

## Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

## Physical Education Elective (options: courses under subject code HHPL)

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language \* (Options: see Elective Group Descriptions) 3

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3

FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)**

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3

HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### General/Chemistry Elective

## Economics

### Economics (B.A.)

The undergraduate program in economics at Howard University is structured to provide students with a thorough foundation in economic theory and the use of mathematics, statistics, and computer technology to analyze contemporary policy issues.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Econ Major Elective (Courses under ECON)

\*\*\*\*Minor Courses (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Freshman Year Second Semester

\*Choose between MATH 010 or MATH 007

Item #	Title	Credits
	Freshman Composition	3
	Foreign Language (Level 2+)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	African American Cluster (Options: see Elective Group Descriptions)	3
MATH 010	College Algebra II	4
MATH 007	Precalculus	4
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	English Writing Course	3
ECON 180	Statistics for Business and Economics	3
ECON 001	Principles of Economics I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Foreign Language (Level 3+)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
PHIL 055	Intro to Philosophy	3
	Physical Education Elective (options: courses under subject code HHPL)	1
ECON 002	Principles of Economics II	3
	Foreign Language (Level 4+)	3
MATH 026	Applied Calculus	4
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
ECON 170	Intermediate Microeconomic Theory	3
ECON 184	Introduction to Econometrics	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 171	Intermediate Macroeconomic Theory	3
	Econ Major Elective (Options: To be determined in consultation with advisor)	3
	Econ Major Elective (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Econ Major Elective (Options: To be determined in consultation with advisor)	3
	Econ Major Elective (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Econ Major Elective (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Physical Education Elective (options: courses under subject code HHPL)

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3



SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Foreign Language (Level 2+)

#### African American Cluster (Options: see Elective Group Descriptions)

Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
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### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language (Level 3+)

### Foreign Language (Level 4+)

#### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3

COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**Econ Major Elective (Options: To be determined in consultation with advisor)**

Minor Course (Options: To be determined in consultation with advisor)

General Elective (Options: To be determined in consultation with advisor) (3)

## English

### English (B.A.)

English majors gain strong critical reading, analytical thinking, focused research, and precise writing skills. The required core courses will enable students to fulfill requirements for state teaching accreditation, graduate work in the humanities, and admission to a wide variety of professional schools

**Type:** B.A.

\*PHIL 051, 053, 055, 057, 082, and 159 only fulfill the University philosophy requirement.

\*\*Based on Mathematics Placement Exam (Algebra II competency) [010(4)] 158 Calculus III

\*\*\*HHPLS: 159, 160, 161, 162, 164, 175

\*\*\*\*To satisfy an Afro-American cluster course requirement students should take Division A, B, or C courses that satisfy this requirement.

\*\*\*\*\*Some students may enroll in level 2 or 3 of a World Language course immediately.

**Type:** B.A.

### Freshman Year First Semester

\*Mathematics (Division D) - Based on Mathematics Placement Exam (Algebra II competency) [010(4)] 158 Calculus III. In the first or second semester of Freshman year, 4 hours of Division D are expected.

Item #	Title	Credits
	ENGW - FYW for Majors	3
FRSM 001	Freshman Seminar	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*PHIL 051, 053, 055, 057, 082, and 159 only fulfill the University philosophy requirement.

\*\*Mathematics (Division D) - \*Based on Mathematics Placement Exam (Algebra II competency) [010(4)] 158 Calculus III.

Item #	Title	Credits
	ENGW - FYW for Majors	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Philosophy (Elective)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
ENGL 104	Sophomore Sem I	3
HHPL 002	Beginning Swimming	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
ENGL 113	British Foundation	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*Physical Education Elective (Options: courses under subject code HHPL)

Item #	Title	Credits
ENGL 105	Sophomore Seminar II	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
ENGL 112	American Lit Foundation	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

\*Minor (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ENGL 110	Linguistics Foundation	3
ENGL 111	Af-Am Foundation	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

\*Genre or Period Course (Courses under ENGL)

\*\*Major Elective (Courses under ENGL)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*\*\*General Elective (Courses level 000 to 299)

Item #	Title	Credits
	Genre or Period Course	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Major Author (Courses under ENGL)

\*\*Major Elective (Courses under ENGL)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
	Major Author	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

\*Major Elective (Courses under ENGL)

\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*\*General Elective (Courses level 000 to 299)

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW - FYW for Majors

#### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3

Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3

FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)**

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4



MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

**Physical Education Elective (options: courses under subject code HHPL)**

**Philosophy (Elective)**

**Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)**

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3

Minor Course (Options: To be determined in consultation with advisor)

Minor Elective (Options: To be determined in consultation with advisor)

Genre or Period Course

Major Elective (Options: To be determined in consultation with advisor) (3)

General Elective (Options: To be determined in consultation with advisor) (3)

Major Author

## English (B.A.) - Creative Writing Concentration

English majors gain strong critical reading, analytical thinking, focused research, and precise writing skills. The required core courses will enable students to fulfill requirements for state teaching accreditation, graduate work in the humanities, and admission to a wide variety of professional schools

**Type:** B.A.

\*PHIL 051, 053, 055, 057, 082, and 159 only fulfill the University philosophy requirement.

\*\*Based on Mathematics Placement Exam (Algebra II competency) [010(4)] 158 Calculus III

\*\*\*HHPLS: 159, 160, 161, 162, 164, 175

\*\*\*\*To satisfy an Afro-American cluster course requirement students should take Division A, B, or C courses that satisfy this requirement.

\*\*\*\*\*Some students may enroll in level 2 or 3 of a World Language course immediately.

**Type:** B.A.

## Freshman Year First Semester

\*Mathematics (Division D) - Based on Mathematics Placement Exam (Algebra II competency) [010(4)] 158 Calculus III. In the first or second semester of Freshman year, 4 hours of Division D are expected.

Item #	Title	Credits
	ENGW - FYW for Majors	3
FRSM 001	Freshman Seminar	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Freshman Year Second Semester

\*PHIL 051, 053, 055, 057, 082, and 159 only fulfill the University philosophy requirement. Counts as Division A.

\*\*Mathematics (Division D) - \*Based on Mathematics Placement Exam (Algebra II competency) [010(4)] 158 Calculus III.

Item #	Title	Credits
	ENGW - FYW for Majors	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Philosophy (Elective)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
ENGL 104	Sophomore Sem I	3
HHPL 002	Beginning Swimming	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
ENGL 113	British Foundation	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year Second Semester

\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*Physical Education Elective (Options: courses under subject code HHPL)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 105	Sophomore Seminar II	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
ENGL 112	American Lit Foundation	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

\*Minor (Courses level 000 to 299 in identified subject for Minor)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 101	Principles of Speech	3
	ENGL - Intro to Creative Writing	3
ENGL 111	Af-Am Foundation	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

\*Genre or Period Course (Courses under ENGL)

\*\*Major Elective (Courses under ENGL)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*\*\*General Elective (Courses level 000 to 299)

Item #	Title	Credits
	Genre or Period Course	3
	ENGL - Creative Writing	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Major Author (Courses under ENGL)

\*\*Major Elective (Courses under ENGL)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
	Major Author	3
	ENGL - Creative Writing Workshop	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

\*Major Elective (Courses under ENGL)

\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*\*General Elective (Courses level 000 to 299)

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	ENGL - Creative Writing Thesis	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW - FYW for Majors

#### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

#### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3

SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3

CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Physical Education Elective (options: courses under subject code HHPL)



## Philosophy (Elective)

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### Minor Course (Options: To be determined in consultation with advisor)

#### ENGL - Intro to Creative Writing

### Minor Elective (Options: To be determined in consultation with advisor)

#### Genre or Period Course

#### ENGL - Creative Writing

General Elective (Options: To be determined in consultation with advisor) (3)

Major Author

ENGL - Creative Writing Workshop

Major Elective (Options: To be determined in consultation with advisor) (3)

ENGL - Creative Writing Thesis

## History

### History (B.A.)

The undergraduate program in history is designed to provide the student with an understanding of the processes of historical research and reconstruction, an appreciation of the discipline of history as a way of thinking and learning, and substantive knowledge in those areas of history in which the student may concentrate.

**Type:** B.A.

**Type:** B.A.

### Freshman Year First Semester

\*Freshman English (Courses under subject code ENGL and ENGW)

\*\*Lect. In Concentration (Courses under subject code HIST)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Freshman English	3
FRSM 001	Freshman Seminar	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Lect. In Concentration	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Freshman English (Courses under subject code ENGL and ENGW)

\*\*Lect. In Concentration (Courses under subject code HIST)

Item #	Title	Credits
	Freshman English	3
	Lect. In Concentration	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

\*Major Elective (Courses under subject code HIST)

Item #	Title	Credits
SLMC 101	Principles of Speech	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
HIST 003	Intro to History	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*HIST 005/006 - Black Diaspora I (3crs) or Black Diaspora II (3crs)

Item #	Title	Credits
	HIST 005/006	3
PHIL 055	Intro to Philosophy	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

\*Major Elective (Courses under subject code HIST)

\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
HIST 700	Introduction to the Black Diaspora II, Writing	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*History Seminar (Options: HIST 152 - 161 & 180)

\*\*Major Elective (Courses under subject code HIST)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

Item #	Title	Credits
	History Seminar	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Major Elective (Courses under subject code HIST)

\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*\*General Education Elective (Courses under subject code HIST)

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	General Education Elective (Options: To be determined in consultation with advisor)	3
	General Education Elective (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Major Elective (Courses under subject code HIST)

\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*\*General Education Elective (Courses under subject code HIST)

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	General Education Elective (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor or Gen. Ed Elective (Options: To be determined in consultation with advisor)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### Freshman English

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## Lect. In Concentration

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3

GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Physical Education Elective (options: courses under subject code HHPL)

### Major Elective (Options: To be determined in consultation with advisor) (3)

## HIST 005/006

### Minor Elective (Options: To be determined in consultation with advisor)

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### History Seminar

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3



ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

General Education Elective (Options: To be determined in consultation with advisor)

Minor Course (Options: To be determined in consultation with advisor)

Minor or Gen. Ed Elective (Options: To be determined in consultation with advisor)

## Allied Health Education

### Health Education - Community Health Concentration (B.S.)

The Health Education degree prepares students who wish to find employment in community based agencies, public health departments, non-profit organizations or hospitals.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition, English, or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor Elective (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.S.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
NUTR 161	Introduction to Nutrition	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
MATH 007	Precalculus	4
HHPL 140	Human Growth & Development	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 157	Health Prob of Child & Youth	3
HHPL 163	Foundation of Health Promotion	3
	ENGW 103/105	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 153	Human Sexuality	3
HHPL 165	Hlth of Wmn, Child & Families	3
HHPL 723	Intro to Research & Stat-Writ	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
HHPL 185	Fld Work A Hlth Ed Major	1
HHPL 152	Meth&Mat Hlth Ed	3
SLMC 101	Principles of Speech	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Physical Education Elective (options: courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 167	MCH-Institute	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
HHPL 186	Fld Wrk B-Hlth Ed Majors	1
	Minor Course (Options: To be determined in consultation with advisor)	3
	HHPL 159/160/175	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
HLMN 201	Community Health	3
HHPL 187	Fld Wrk/ C-Hlth Ed Mjrs	1
HHPL 755	Addictive Behavior-Writing	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
HHPL 179	Com Hlth Intern-Majors Only	9
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>
<b>Total credits:</b>		<b>122</b>

## Category Descriptions

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3

ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**Foreign Language \* (Options: see Elective Group Descriptions)**

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

**ENGW 101/102/104**

ENGW: Placement based on ACTE/SATW scores used by the English department.

## ENGW 103/105

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

#### Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

#### Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4

MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Physical Education Elective (options: courses under subject code HHPL)

### Minor Course (Options: To be determined in consultation with advisor)

#### HHPL 159/160/175

Choose from HHPL 159, 160, 175

### Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### **Health Education - Maternal & Child Health Concentration (B.S.)**

The Health Education degree prepares students who wish to find employment in community based agencies, public health departments, non-profit organizations or hospitals.

NOTES: Students majoring in health education studies are required to complete a minimum of 15 credits in a minor of their choice.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition, English, or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor Elective (Courses level 000 to 299 in identified subject for Minor)

Type: B.S.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
NUTR 161	Introduction to Nutrition	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 101/102/104	3
MATH 007	Precalculus	4
HHPL 140	Human Growth & Development	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
HHPL 157	Health Prob of Child & Youth	3
HHPL 163	Foundation of Health Promotion	3
	ENGW 103/105	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

Item #	Title	Credits
HHPL 102	Human Anatomy (Majors only)	3
HHPL 108	Human Anatomy Lab	1
HHPL 165	Hlth of Wmn, Child & Families	3
HHPL 723	Intro to Research & Stat-Writ	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>



## Junior Year First Semester

Item #	Title	Credits
HHPL 152	Meth&Mat Hlth Ed	3
SLMC 101	Principles of Speech	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
HUDV 143	Parentology: Thry, Rsch & Supp	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Physical Education Elective (options: courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>17</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 167	MCH-Institute	3
HUDV 119	Diverse Youth of Color	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	HHPL 159/160/175	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
HLMN 201	Community Health	3
HHPL 755	Addictive Behavior-Writing	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
HHPL 160	Women's Health	1
HHPL 175	Controlling Stress & Tension	1
HUDV 113	Prenatal Infant & EC Dev	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>11</b>

## Category Descriptions

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3

FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**Foreign Language \* (Options: see Elective Group Descriptions)**

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

## ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

## ENGW 103/105

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3

CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

Physical Education Elective (options: courses under subject code HHPL)

Minor Course (Options: To be determined in consultation with advisor)

HHPL 159/160/175

Choose from HHPL 159, 160, 175

Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

## Interdisciplinary Studies

### Interdisciplinary Studies - Bioethics Concentration (B.A.)

Our degree program is proposed as a field of study within the College of Arts and Sciences and as such would embrace several disciplines in the college and adhere to the college general education curriculum. Our Interdisciplinary Studies program is comprised by a set of courses that ground theory in practice, emphasize teamwork, utilize the scholar-practitioner model, and forges partnerships with government, industry, corporations, non-profit organizations and community organizations to provide students with hands on experience.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
PHIL 164	Current Topics	3
	HHPL 159/160/175	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Foreign Language * (Options: see Elective Group Descriptions)	3
	ENGW 103/105	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
HHPL 002	Beginning Swimming	1
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Foreign Language * (Options: see Elective Group Descriptions)	3
	MATH 006/009	3
	Philosophy or English Writing Course	3
	Afro-American Studies Course (Options: Courses AFST-1 or higher)	3
PHIL 173	Ethics of Medical Care	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	MATH 007/010 (3)	3
PHIL 110	Classical Ethics	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
ANTH 215	Medical Anthropology	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, First Semester

Item #	Title	Credits
SOCI 183	Intro to Medical Sociology	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
HIST 005	Intro Black Diaspora I	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year, Second Semester

Item #	Title	Credits
BIOL 204	Science & Public Policy	3
	PHIL 140/339	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Research Methods	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, First Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	ISB Elective SOCI 079 or other	3
PHIL 200	Senior Seminar	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year, Second Semester

Item #	Title	Credits
	ISB Elective SOCI 079 or other	3
	Political Economy and Society: POLS, ECON or SOCI	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### HHPL 159/160/175

Choose from HHPL 159, 160, 175

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
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CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

## ENGW 103/105

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

**Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)**

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

**MATH 006/009**

Choose between MATH 006 or 009.

**Philosophy or English Writing Course**

Choose between a Philosophy Writing Course (WRTG) or an English Writing Course.

**Afro-American Studies Course (Options: Courses AFST-1 or higher)**

Options: Courses AFST-1 or higher.

### MATH 007/010 (3)

Choose between MATH 007 and 010

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### General Elective (Options: To be determined in consultation with advisor) (3)

### Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

### Physical Education Elective (options: courses under subject code HHPL)

### PHIL 140/339

Choose between PHIL 140 or 339.

## Research Methods

- SOCI 111 Social Methods and Techniques, or
- POLS 002. Introduction to Research in Political Science, or
- POLS 199. Behavioral Research Methods.

## ISB Elective SOCI 079 or other

## Political Economy and Society: POLS, ECON or SOCI

## Interdisciplinary Studies - Community Development Concentration (B.A.)

Our degree program is proposed as a field of study within the College of Arts and Sciences and as such would embrace several disciplines in the college and adhere to the college general education curriculum. Our Interdisciplinary Studies program is comprised by a set of courses that ground theory in practice, emphasize teamwork, utilize the scholar-practitioner model, and forges partnerships with government, industry, corporations, non-profit organizations and community organizations to provide students with hands on experience.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	Freshman Composition	3
	Foreign Language (4 credits)	4
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
	Freshman Composition	3
	Foreign Language (4 credits)	4
	Physical Education Elective (options: courses under subject code HHPL)	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Mathematics Elective (Options: Courses under code MATH)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

Item #	Title	Credits
	English Writing Course	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
ECON 001	Principles of Economics I	3
ECON 138	Seminar in Community Development	3
	Mathematics Elective (Options: Courses under code MATH)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
PHIL 055	Intro to Philosophy	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
ECON 002	Principles of Economics II	3
ECON 188	The Economics of Black Community Development	3
SOCI 111	Sociological Methods	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, First Semester

Item #	Title	Credits
HUCO 101	Principles of Speech	3
POLS 165	Urban Political Economy	3
ECON 180	Statistics for Business and Economics	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
SOCI 140	Urban Sociology	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, Second Semester

Item #	Title	Credits
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, First Semester

Item #	Title	Credits
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Internship	6
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, Second Semester

Item #	Title	Credits
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Foreign Language (4 credits)

## Physical Education Elective (options: courses under subject code HHPL)

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3

ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**Afro-American Studies Elective \* (Options: see Elective Group Descriptions)**

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

**Mathematics Elective (Options: Courses under code MATH)**

	MATH 006/007	3-4
MATH 009	Introduction to Statistics	4



MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 020	Fund Concept Math Educ I	3
MATH 026	Applied Calculus	4
MATH 084-085	Directed Readings in Honors for Sophomores	1
MATH 160	Adv Calculus for Sci & Eng	3
MATH 161, 162	Seminar	1-3
MATH 164	Numerical Analysis	3
MATH 165, 166	Directed Readings.	1-3
MATH 168	Actuarial Science Lab I	1
MATH 169	Actuarial Science Laboratory II	1
MATH 190	Probability & Statistics II	3
MATH 191	Foundations of Applied Mathematics	3
MATH 192	Topics in Applied Mathematics	3
MATH 193	Actuarial Science Seminar	3
MATH 196	Introduction to Analysis II	3
MATH 197	Intro to Modern Algebra I	3
MATH 198	Intro to Modern Alegbra II	3

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3

COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

### General Elective (Options: To be determined in consultation with advisor) (3)

### Internship

## Interdisciplinary Studies - Environmental Studies Concentration (B.A.)

Our degree program is proposed as a field of study within the College of Arts and Sciences and as such would embrace several disciplines in the college and adhere to the college general education curriculum. Our Interdisciplinary Studies program is comprised by a set of courses that ground theory in practice, emphasize teamwork, utilize the scholar-practitioner model, and forges partnerships with government, industry, corporations, non-profit organizations and community organizations to provide students with hands on experience.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

## Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
ENGW 102	Expository Wrtg & Literacy Stu	3
BIOL 801	Environmental Studies I	3
	BIOL 101/CHEM 003	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Freshman Year Second Semester

Item #	Title	Credits
ENGW 103	Persuasive Writing & Research	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
SOCI 199	Environmental Inequality	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
ENGL 009	Tech Writing Pre-Professional	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
MATH 006	College Algebra I	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	MATH 007/156/009	4
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Environmental Studies Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Junior Year, First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
	Environmental Studies Elective	3
	SOCI 110/111	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

### Junior Year, Second Semester

Item #	Title	Credits
	Environmental Studies Elective	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
BIOL 204	Science & Public Policy	3
AFST 121	Environ & Society in Africa	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

### Senior Year, First Semester

Item #	Title	Credits
	African American Cluster/ Division B	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Environmental Studies Elective	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Health Course	1
<b>Sub-Total Credits</b>		<b>13</b>

### Senior Year, Second Semester

Item #	Title	Credits
	Environmental Studies Elective	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Activity Course	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>13</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### BIOL 101/CHEM 003

Choose between BIOL 101 or CHEM 003.

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### **Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)**

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4

Minor Elective (Options: To be determined in consultation with advisor)MATH 007/156/009

Choose between MATH 007, 156, or 009.

Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)Environmental Studies ElectiveSOCI 110/111

Choose between SOCI 110 or 111.

Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

## African American Cluster/ Division B

Choose between a course from the African American Cluster or Division B.

## Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

## Health Course

Choose between HHPL 159, 160, 162, or 174.

## Activity Course

HHPL 002 and others.

## General Elective (Options: To be determined in consultation with advisor) (3)



## Interdisciplinary Studies - Humanities, Ancient & Modern Concentration (B.A.)

Interdisciplinary Humanities: Ancient and Modern provides a cross-cultural, cross-historical exposure to the Humanities for students interested in obtaining a globally themed liberal arts education. With geographical, thematic, and chronological breadth in the history of ideas, literature, language, art, religion, and archaeology, Interdisciplinary Humanities gives special attention to the intersections between ancient and modern modes of thought in each of these topic areas. This concentration also provides an opportunity for intensive training in critical skills (reading, writing, logic, rhetoric, literary, artistic, and historical analysis), and so offers excellent preparation for all of the liberal professions (journalism, law, teaching, diplomacy, etc.). It also offers an attractive minor for STEM majors wishing to complement technical training with a humanistic education.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

### Freshman Year First Semester

\*Division D: Mathematics

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
ENGL 002	Freshman Composition	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Education (Swimming) - 1 cr	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

\*Division D: Mathematics

Item #	Title	Credits
ENGL 003	Freshman Composition (Hybrid)	3
SLMC 101	Principles of Speech	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Foreign Language I (Ancient)	3
CLAS 050	IH:Ancient Egypt & Near East	3
	INHU Area of Focus (Ancient)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Foreign Language II (Ancient)	3
CLAS 051	IH: Ancient Greece and Rome	3
	Afro-American Cluster (Options: see Elective Group Descriptions   African-American Studies)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year, First Semester

Item #	Title	Credits
	Foreign Language III (Ancient)	3
	INHU Area of Focus (Modern)	3
	INHU Elective	3
	INHU Elective	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year, Second Semester

Item #	Title	Credits
	INHU Area of Focus (Modern)	3
	INHU Elective	3
	Philosophy (Elective)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Foreign Language IV (Ancient)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, First Semester

Item #	Title	Credits
	Capstone Project (INHU)	3
	Foreign Language (Ancient or Modern)	3
	Writing Course	3
	General Elective (CLAS or ENG)	3
	General Elective (AFRO or Art History)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, Second Semester

Item #	Title	Credits
	Capstone Project (INHU)	3
	Foreign Language (Ancient or Modern)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	General Elective (PHIL or WLC)	3
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3

SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3

POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Physical Education (Swimming) - 1 cr

### Physical Education Elective (options: courses under subject code HHPL)

Foreign Language I (Ancient)

INHU Area of Focus (Ancient)

Minor Elective (Options: To be determined in consultation with advisor)

Foreign Language II (Ancient)

Afro-American Cluster (Options: see Elective Group Descriptions | African-American Studies)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions) 3

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Foreign Language III (Ancient)

INHU Area of Focus (Modern)

INHU Elective

Philosophy (Elective)

Foreign Language IV (Ancient)

Capstone Project (INHU)

Foreign Language (Ancient or Modern)

Writing Course

General Elective (CLAS or ENG)

General Elective (AFRO or Art History)

## General Elective (PHIL or WLC)

## General Electives (Options: To be determined in consultation with advisor) (2)

### Interdisciplinary Studies - International Affairs Concentration (B.A.)

The International Affairs Concentration within the Interdisciplinary Studies Major allows students to explore, interpret, and understand significant global events via an interdisciplinary lens designed to promote critical thinking and innovative solutions to contemporary global and domestic human problems. The challenges confronting our increasingly interconnected world defy simple solutions. By merging the perspectives of different disciplines in innovative paradigms, students comprehend and creatively analyze issues that affect human rights, well-being, peace, and stability. This program generates productive members of society and future leaders passionate about learning, committed to global justice and equity, and inspired by an ethic of service to humanity as a whole.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

#### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Freshman English	3
POLS 001	Introduction to Political Science	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Activity 1	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

#### Freshman Year Second Semester

Item #	Title	Credits
	Freshman English	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
POLS 008	Intro to Political Economy	3
POLS 128	Intro. to Intl. Relations	3
	Physical Education (Swimming) - 1 cr	1
	Activity 2	1
	Health	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Mathematics Elective (Options: Courses under code MATH)	3
	English Writing Course	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
POLS 002	Intro to Research in Pol Sci	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
POLS 006	Pan-Africanism	3
POLS 004	Intro to Political Theory	3
	Mathematics Elective (Options: Courses under code MATH)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, First Semester

Item #	Title	Credits
	IA Course	3
	IA Course	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, Second Semester

Item #	Title	Credits
	IA Course	3
	IA Course	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	IA Course	3
	African American Cluster/ Division B	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year, First Semester

Item #	Title	Credits
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Philosophy (Elective)	3
	IA Course	3
	Internship 1	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, Second Semester

Item #	Title	Credits
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	IA Course	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Internship 2	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Freshman English

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Activity 1

Physical Education Elective (options: courses under subject code HHPL)

Physical Education (Swimming) - 1 cr

Activity 2

Health

Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3-4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 020	Fund Concept Math Educ I	3
MATH 026	Applied Calculus	4
MATH 084-085	Directed Readings in Honors for Sophomores	1
MATH 160	Adv Calculus for Sci & Eng	3
MATH 161, 162	Seminar	1-3
MATH 164	Numerical Analysis	3
MATH 165, 166	Directed Readings.	1-3
MATH 168	Actuarial Science Lab I	1
MATH 169	Actuarial Science Laboratory II	1
MATH 190	Probability & Statistics II	3
MATH 191	Foundations of Applied Mathematics	3
MATH 192	Topics in Applied Mathematics	3
MATH 193	Actuarial Science Seminar	3
MATH 196	Introduction to Analysis II	3
MATH 197	Intro to Modern Algebra I	3
MATH 198	Intro to Modern Alegbra II	3

English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

Minor Elective (Options: To be determined in consultation with advisor)

IA Course

POLS 001 Introduction to Political Science\*

POLS 008 Introduction to Political Economy  
 POLS 128 International Relations\*  
 POLS 002 Introduction to Research in Political Science  
 POLS 006 Pan Africanism\*  
 POLS 004 Intro Political Theory  
 POLS 150 International Affairs Internship 1  
 POLS 151 International Affairs Internship 2

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**African American Cluster/ Division B**

Choose between a course from the African American Cluster or Division B.

**Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)**

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Philosophy (Elective)

### Internship 1

### Internship 2

## Interdisciplinary Studies - Social Justice Certificate

The Social Justice certificate (6 credit hours) is housed in COAS in the Department of Interdisciplinary Studies. The certificate is focused on Social Justice knowledge through the Humanities and Humanistic Social Sciences courses. The courses in this certificate program will educate students about the roots of social problems, raise the critical consciousness they need to analyze and address them, and encourage them to develop innovative and collaborative action-oriented-remedies. The certificate courses will not only deepen community social justice knowledge, but positions Humanities and Humanistic Social Sciences as the means to solve social problems.

Social Justice Studies Certificate:

The pernicious issues facing our society such as systemic racism, white supremacy, gender inequality, injustice (broadly defined), poverty, and discrimination along gender-identity and sexuality lines to name a few, demand a specific type of consciousness-raising, action-oriented education. The courses in this certificate program educate students about the roots of social problems, raise the critical consciousness they need to analyze and address them, and encourage them to develop innovative and collaborative action-oriented-remedies. The certificate courses not only deepen community social justice knowledge, but position Humanities and

Humanistic Social Sciences as the means to solve social problems. Education, empowerment, and strategy across different sectors and demographics increase the critical consciousness, participation in, and efficacy of social justice activism. Broadening access to Humanities knowledge will increase community engagement and the quality of the solutions people develop to combat these ills in their own communities.

## Courses

Item #	Title	Credits
IDSD 140	Intro to Social Justice	1
IDSD 141	What's Justice to Blacks	1
IDSD 154	Social Movement Theory	1
	History Elective	1
	Humanities Elective	1
	Experiential Learning Project or Life Credit	1
	<b>Total credits:</b>	<b>6</b>

## Category Descriptions

### History Elective

### Humanities Elective

### Experiential Learning Project or Life Credit

## Mathematics

### Mathematics - Applied Mathematics Concentration (B.S.)

The specific mission for the major in Mathematics is to produce a well-trained mathematician capable of both research and teaching in general. In particular a Howard University trained mathematician must be comfortable when employed as an actuarial scientist, a computer scientist and/or a mathematician/researcher in schools, government or industry.

Note:

\*Students should complete one of their divisional requirements within the African American course cluster.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition, English or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

## Freshman Year - First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 156	Calculus I	4
CSCI 100	Intro to Computer Science	3
	Freshman English	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
FRSM 001	Freshman Seminar	1
	Physical Education (Swimming) - 1 cr	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year - Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 157	Calculus II	4
MATH 101	Proof and Problem Seminar I	1
CSCI 135	Computer Science I (Python)	4
	Freshman English	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year - First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 158	Calculus III	4
MATH 102	Proof and Problem Seminar II	1
MATH 795	Intro Anal I-Wrtg	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Foreign Language (4 credits)	4
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year - Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 159	Differential Equations	4
MATH 180	Intro to Linear Algebra	3
	Philosophy Elective	3
	Foreign Language (4 credits)	4
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year - First Semester

Item #	Title	Credits
MATH 189	Probability & Statistics I	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year - Second Semester

Item #	Title	Credits
MATH 164	Numerical Analysis	3
	Specialization Course (3)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year - First Semester

Item #	Title	Credits
	Math Elective (Options: Courses under code MATH) (3)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Specialization Course (3)	3
	Specialization Course (3)	3
	Specialization Course (4)	4
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year - Second Semester

Item #	Title	Credits
	Math Elective (Options: Courses under code MATH) (3)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Specialization Course (3)	3
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>



## Category Descriptions

### Freshman English

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3

FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

Physical Education (Swimming) - 1 cr

General Elective (Options: To be determined in consultation with advisor) (3)

Foreign Language (4 credits)

Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3

Physical Education Elective (options: courses under subject code HHPL)

Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3

HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### Specialization Course (3)

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3

AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

Math Elective (Options: Courses under code MATH) (3)

Specialization Course (4)

General Electives (Options: To be determined in consultation with advisor) (4)

**Mathematics – Actuarial Science Concentration (B.S.)**

The specific mission for the major in Mathematics is to produce a well-trained mathematician capable of both research and teaching in general. In particular a Howard University trained mathematician must be comfortable when employed as an actuarial scientist, a computer scientist and/or a mathematician/researcher in schools, government or industry.

Note:

\*Students should complete one of their divisional requirements within the African American course cluster.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition, English or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

**Freshman Year - First Semester**

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 156	Calculus I	4
CSCI 100	Intro to Computer Science	3
	Freshman English	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
FRSM 001	Freshman Seminar	1
	Physical Education (Swimming) - 1 cr	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year - Second Semester

Item #	Title	Credits
MATH 157	Calculus II	4
MATH 101	Proof and Problem Seminar I	1
CSCI 135	Computer Science I (Python)	4
	Freshman English	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year - First Semester

\*MATH 164 - Unless the instructor permits an exception, this course requires 159 as a prerequisite.

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 102	Proof and Problem Seminar II	1
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Foreign Language (4 credits)	4
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year - Second Semester

Item #	Title	Credits
MATH 164	Numerical Analysis	3
MATH 180	Intro to Linear Algebra	3
	Philosophy Elective	3
	Foreign Language (4 credits)	4
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year - First Semester

Item #	Title	Credits
MATH 189	Probability & Statistics I	3
MATH 795	Intro Anal I-Wrtg	3
ECON 001	Principles of Economics I	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year - Second Semester

Item #	Title	Credits
MATH 190	Probability & Statistics II	3
ECON 002	Principles of Economics II	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year - First Semester

Item #	Title	Credits
MATH 168	Actuarial Science Lab I	1
	Math Elective (Options: Courses under code MATH) (3)	3
ACCT 201	Accounting Principles I	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year - Second Semester

Item #	Title	Credits
MATH 193	Actuarial Science Seminar	3
	Math Elective (Options: Courses under code MATH) (3)	3
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman English

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Physical Education (Swimming) - 1 cr

General Elective (Options: To be determined in consultation with advisor) (3)

Foreign Language (4 credits)

Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3

Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3



RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

Math Elective (Options: Courses under code MATH) (3)

Physical Education Elective (options: courses under subject code HHPL)

General Electives (Options: To be determined in consultation with advisor) (4)

**Mathematics – Mathematics Education Concentration (B.S.)**

The specific mission for the major in Mathematics is to produce a well trained mathematician capable of both research and teaching in general. In particular a Howard University trained mathematician must be comfortable when employed as an actuarial scientist, a computer scientist and/or a mathematician/researcher in schools, government or industry.

IMPORTANT: \*Students should complete one of their divisional requirements within the African American course cluster.

In addition, the Praxis I exam should be taken by the end of sophomore year and the Praxis II exam must be taken before doing student teaching.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

**Freshman Year First Semester**

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 156	Calculus I	4
CSCI 100	Intro to Computer Science	3
	English Writing Course	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
FRSM 001	Freshman Seminar	1
	Physical Education (Swimming) - 1 cr	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
MATH 157	Calculus II	4
MATH 101	Proof and Problem Seminar I	1
	English Writing Course	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 102	Proof and Problem Seminar II	1
MATH 150	Modern Geometry	3
EDUC 210	Foundations & Urban Education	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MATH 180	Intro to Linear Algebra	3
CSCI 135	Computer Science I (Python)	4
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
MATH 795	Intro Anal I-Wrtg	3
EDUC 310	Educational Psychology and Special Education	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MATH 181	Discrete Structures	3
	Philosophy Elective	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
MATH 189	Probability & Statistics I	3
EDUC 410	Pedagogy & Content Literacy	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Mathematics Elective (Options: Courses under code MATH)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Management.	9-12
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
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CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

Physical Education (Swimming) - 1 cr

Physical Education Elective (options: courses under subject code HHPL)

General Electives (Options: To be determined in consultation with advisor) (2)

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

General Elective (Options: To be determined in consultation with advisor) (3)

Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3

**Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)**

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

**Mathematics Elective (Options: Courses under code MATH)**

	MATH 006/007	3-4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 020	Fund Concept Math Educ I	3
MATH 026	Applied Calculus	4
MATH 084-085	Directed Readings in Honors for Sophomores	1
MATH 160	Adv Calculus for Sci & Eng	3
MATH 161, 162	Seminar	1-3
MATH 164	Numerical Analysis	3

MATH 165, 166	Directed Readings.	1-3
MATH 168	Actuarial Science Lab I	1
MATH 169	Actuarial Science Laboratory II	1
MATH 190	Probability & Statistics II	3
MATH 191	Foundations of Applied Mathematics	3
MATH 192	Topics in Applied Mathematics	3
MATH 193	Actuarial Science Seminar	3
MATH 196	Introduction to Analysis II	3
MATH 197	Intro to Modern Algebra I	3
MATH 198	Intro to Modern Algebra II	3

## Mathematics – Pre-Med/Pre- Dental Concentration (B.S.)

The specific mission for the major in Mathematics is to produce a well trained mathematician capable of both research and teaching in general. In particular a Howard University trained mathematician must be comfortable when employed as an actuarial scientist, a computer scientist and/or a mathematician/researcher in schools, government or industry.

IMPORTANT: \*Students should complete one of their divisional requirements within the African American course cluster.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
BIOL 101	General Biology Lec/Lab	4
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
FRSM 001	Freshman Seminar	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
MATH 101	Proof and Problem Seminar I	1
	English Writing Course	3
BIOL 102	General Biology Lec/ Lab	4
CHEM 006	General Chem Lab II	1
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 102	Proof and Problem Seminar II	1
CHEM 145	Organic Chem Lab	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
PHIL 055	Intro to Philosophy	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Choose between PHYS 001 and PHYS 002

Item #	Title	Credits
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
MATH 195	Introduction to Analysis I	3
CHEM 151	Biochemistry I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MATH 180	Intro to Linear Algebra	3
MATH 164	Numerical Analysis	3
CHEM 152	Biochemistry II	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year First Semester

Item #	Title	Credits
MATH 189	Probability & Statistics I	3
SYCS 135	Computer Science I	4
MATH 160	Adv Calculus for Sci & Eng	3
BIOL 251	Comparative Anatomy	4
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
MATH 190	Probability & Statistics II	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

General Elective (Options: To be determined in consultation with advisor) (3)

General Electives (Options: To be determined in consultation with advisor) (6)

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3

Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

**Physical Education Elective (options: courses under subject code HHPL)**

**Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)**

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

**Divisional Studies A\* (Options: see Elective Group Descriptions)**

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3

SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

## Mathematics – Pure Mathematics Concentration (B.S.)

The specific mission for the major in Mathematics is to produce a well trained mathematician capable of both research and teaching in general. In particular a Howard University trained mathematician must be comfortable when employed as an actuarial scientist, a computer scientist and/or a mathematician/researcher in schools, government or industry.

IMPORTANT: \*Students should complete one of their divisional requirements within the African American course cluster.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	English Writing Course	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
FRSM 001	Freshman Seminar	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>14</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 101	Proof and Problem Seminar I	1
	English Writing Course	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>14</b>

### Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 102	Proof and Problem Seminar II	1
SYCS 135	Computer Science I	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MATH 180	Intro to Linear Algebra	3
SLMC 101	Principles of Speech	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
PHIL 055	Intro to Philosophy	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MATH 197	Intro to Modern Algebra I	3
MATH 195	Introduction to Analysis I	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
MATH 196	Introduction to Analysis II	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Writing Course	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
MATH 199	Intro to General Topology	3
	Mathematics Elective (Options: Courses under code MATH)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
MATH 185	Intro to Complex Variables	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3

CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

#### Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5

PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

Physical Education Elective (options: courses under subject code HHPL)

General Elective (Options: To be determined in consultation with advisor) (3)

General Electives (Options: To be determined in consultation with advisor) (6)

Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3



GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Writing Course

### Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3-4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 020	Fund Concept Math Educ I	3
MATH 026	Applied Calculus	4
MATH 084-085	Directed Readings in Honors for Sophomores	1
MATH 160	Adv Calculus for Sci & Eng	3
MATH 161, 162	Seminar	1-3
MATH 164	Numerical Analysis	3
MATH 165, 166	Directed Readings.	1-3
MATH 168	Actuarial Science Lab I	1
MATH 169	Actuarial Science Laboratory II	1
MATH 190	Probability & Statistics II	3
MATH 191	Foundations of Applied Mathematics	3
MATH 192	Topics in Applied Mathematics	3
MATH 193	Actuarial Science Seminar	3
MATH 196	Introduction to Analysis II	3
MATH 197	Intro to Modern Algebra I	3
MATH 198	Intro to Modern Alegbra II	3

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

#### Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3

ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

## Music

### Music - Business Concentration - Instrument Minor (B.M.)

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Instrument Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_ \_.

\*\*Ensemble II - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
MATH 006	College Algebra I	3
	Instrument Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_ \_.

\*\*Ensemble III - Courses under subject code MU\_ \_.

\*\*\*Math Elective - Precalculus or Intro. to Statistics.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 001	Principles of Economics I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Math Elective (Options: Courses under code MATH) (4)	4
	Instrument Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
	Functional Piano III	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_ \_.

\*\*Ensemble IV - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 002	Principles of Economics II	3
	Instrument Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_ \_.

\*\*Ensemble V - Courses under subject code MU\_ \_.

Item #	Title	Credits
MGMT 301	Management & OB	3
	Instrument Minor V	2
	Small Ensemble I	1
MUSB 016	Keyboard Harmony	2
MUSC 012	Music History III	3
MUSI 001	Seminar in Music Business	1
MUSI 076	Intro to Music Technology I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_ \_.

\*\*Ensemble VI - Courses under subject code MU\_ \_.

Item #	Title	Credits
	General Electives (Options: To be determined in consultation with advisor) (2)	2
ACCT 201	Accounting Principles I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 058	Instrumental Conducting	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MKTG 301	Principles of Marketing	3
	Instrument Minor VII	2
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
PSYC 050	Intro to Psychology	3
	Philosophy (Elective)	3
	Instrument Minor VIII	2
MUSI 033	Entrepreneur Entertainment Industry	3
MUTO 042	Student Recital VIII	0
MUTP 209	Music Internship	4
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Instrument Minor I

### Large Ensemble I

### Functional Piano I

### ENGW 103/105

### Instrument Minor II

### Large Ensemble II

### Functional Piano II

### Physical Education Elective (options: courses under subject code HHPL)

Math Elective (Options: Courses under code MATH) (4)

Instrument Minor III

Large Ensemble III

Functional Piano III

Instrument Minor IV

Large Ensemble IV

Functional Piano IV

Instrument Minor V

Small Ensemble I

General Electives (Options: To be determined in consultation with advisor) (2)

Instrument Minor VI

Small Ensemble II

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3

### Instrument Minor VII

General Elective (Options: To be determined in consultation with advisor) (3)

Philosophy (Elective)

### Instrument Minor VIII

### Music - Business Concentration - Jazz Instrument Minor (B.M.)

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.



## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Instrument Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSH 011	Improvisation I	2
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_ \_.

\*\*Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
	Instrument Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUSH 012	Improvisation II	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_ \_.

\*\*Ensemble III - Courses under subject code MU\_ \_.

\*\*\*Math Elective - Precalculus or Intro. to Statistics.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 001	Principles of Economics I	3
	Math Elective (Options: Courses under code MATH) (4)	4
	Instrument Minor III	2
	Large Ensemble III	1
	Functional Piano III	1
MUSH 021	Improvisation III	2
MUSI 101	Jazz Theory I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_ \_.

\*\*Ensemble IV - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 002	Principles of Economics II	3
	Instrument Minor IV	2
	Large Ensemble IV	1
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_.\_.

\*\*Ensemble V - Courses under subject code MU\_.\_.

Item #	Title	Credits
MGMT 301	Management & OB	3
	Instrument Minor V	2
	Large Ensemble V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 001	Seminar in Music Business	1
MUSH 016	Jazz Keyboard Harmony	2
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_.\_.

\*\*Ensemble VI - Courses under subject code MU\_.\_.

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
	Instrument Minor VI	2
	Large Ensemble VI	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 058	Instrumental Conducting	3
MUSH 032	Improvisation VI	2
MUSI 076	Intro to Music Technology I	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MKTG 301	Principles of Marketing	3
	Instrument Minor VII	2
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
PSYC 050	Intro to Psychology	3
	Philosophy (Elective)	3
	Instrument Minor VIII	2
MUSI 033	Entrepreneur Entertainment Industry	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
MUTP 209	Music Internship	4
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>128</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Instrument Minor I

### Large Ensemble I

### Functional Piano I

### ENGW 103/105

### Instrument Minor II

### Large Ensemble II

### Functional Piano II

### Math Elective (Options: Courses under code MATH) (4)

Instrument Minor III

Large Ensemble III

Functional Piano III

Instrument Minor IV

Large Ensemble IV

Functional Piano IV

Instrument Minor V

Large Ensemble V

Instrument Minor VI

Large Ensemble VI

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Physical Education Elective (options: courses under subject code HHPL)

## Instrument Minor VII

### Philosophy (Elective)

## Instrument Minor VIII

### Music - Business Concentration - Jazz Piano Minor (B.M.)

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSE 111	Piano Minor I	2
MUSH 011	Improvisation I	2
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
MUTX 111	Jazz Piano I	2
	<b>Sub-Total Credits</b>	<b>19</b>

## Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_.\_.

\*\*Ensemble II - Courses under subject code MU\_.\_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSE 112	Piano Minor II	2
MUSH 012	Improvisation II	2
MUTO 012	Student Recital II	0
MUTX 112	Jazz Piano II	2
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_.\_.

\*\*Ensemble III - Courses under subject code MU\_.\_.

\*\*\*Math Elective - Precalculus or Intro. to Statistics.

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Math Elective (Options: Courses under code MATH) (4)	4
	Large Ensemble III	1
MUSH 021	Improvisation III	2
MUSI 101	Jazz Theory I	3
MUTO 021	Student Recital III	0
MUTX 121	Jazz Piano III	2
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_ \_.

\*\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
ECON 002	Principles of Economics II	3
	Large Ensemble IV	1
MUSC 011	Music History II	3
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTO 022	Student Recital IV	0
MUTX 122	Jazz Piano IV	2
<b>Sub-Total Credits</b>		<b>17</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_ \_.

\*\*Ensemble V - Courses under subject code MU\_ \_.

Item #	Title	Credits
MGMT 301	Management & OB	3
	Large Ensemble V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 001	Seminar in Music Business	1
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
MUTX 131	Jazz Piano V	2
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_ \_.

\*\*Ensemble VI - Courses under subject code MU\_ \_.

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Large Ensemble VI	1
MUSC 008	African & Afro-Amer Music Lit	3
	Inst or Choral Conducting	3
MUSH 032	Improvisation VI	2
MUTO 032	Student Recital VI	0
MUTX 132	Jazz Piano VI	2
<b>Sub-Total Credits</b>		<b>15</b>



## Senior Year First Semester

Item #	Title	Credits
MKTG 301	Principles of Marketing	3
MUSI 031	Intro to Entertainment Law	3
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUTX 141	Jazz Piano VII	2
MJFC 410	Audio Engineering	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
PSYC 050	Intro to Psychology	3
	Philosophy (Elective)	3
MUSI 033	Entrepreneur Entertainment Industry	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
MUTP 209	Music Internship	4
MUTX 142	Jazz Piano VIII	2
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>129</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Physical Education Elective (options: courses under subject code HHPL)

Math Elective (Options: Courses under code MATH) (4)

Large Ensemble III

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Large Ensemble IV

Large Ensemble V

Large Ensemble VI

Inst or Choral Conducting

General Elective (Options: To be determined in consultation with advisor) (3)

Philosophy (Elective)

**Music - Business Concentration - Jazz Voice Minor (B.M.)**

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSH 011	Improvisation I	2
MUSI 110	Jazz History	3
MUTV 111	Jazz Vocal Workshop I	1
MUTW 111	Voice for Jazz Studies I	2
	<b>Sub-Total Credits</b>	<b>18</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUSH 012	Improvisation II	2
MUTO 012	Student Recital II	0
MUTV 112	Jazz Vocal Workshop II	1
MUTW 112	Voice for Jazz Studies II	2
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year First Semester

\*Math Elective - Precalculus or Intro. to Statistics.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 001	Principles of Economics I	3
	Math Elective (Options: Courses under code MATH) (4)	4
	Functional Piano III	1
MUSH 021	Improvisation III	2
MUSI 101	Jazz Theory I	3
MUTO 021	Student Recital III	0
MUTV 121	Jazz Vocal Workshop III	1
MUTW 121	Voice for Jazz Studies III	2
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ECON 002	Principles of Economics II	3
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTO 022	Student Recital IV	0
MUTV 122	Jazz Vocal Workshop IV	1
MUTW 122	Voice for Jazz Studies IV	2
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MGMT 301	Management & OB	3
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 001	Seminar in Music Business	1
MUSH 016	Jazz Keyboard Harmony	2
MUSI 160	Vocal Arranging I	3
MUTO 031	Student Recital V	0
MUTW 131	Voice for Jazz Studies V	2
MUTV 131	Jazz Vocal V	1
<b>Sub-Total Credits</b>		<b>17</b>

## Junior Year Second Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSH 032	Improvisation VI	2
MUSI 076	Intro to Music Technology I	3
MUTO 032	Student Recital VI	0
MUTV 132	Jazz Vocal Workshop VI	1
MUTW 132	Voice for Jazz Studies VI	2
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MKTG 301	Principles of Marketing	3
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MUTW 141	Voice for Jazz Studies VII	2
MJFC 410	Audio Engineering	3
MUSD 051	Elementary Choral Conducting	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
MUSI 033	Entrepreneur Entertainment Industry	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
MUTP 209	Music Internship	4
MUTW 142	Voice for Jazz Studies VIII	2
PSYC 050	Intro to Psychology	3
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>128</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Functional Piano I

### ENGW 103/105

### Functional Piano II

### Math Elective (Options: Courses under code MATH) (4)

### Functional Piano III

### Functional Piano IV

### Physical Education Elective (options: courses under subject code HHPL)

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Philosophy (Elective)

### **Music - Business Concentration - Piano Minor (B.M.)**

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSE 111	Piano Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSE 112	Piano Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

\*Math Elective - Precalculus or Intro. to Statistics.

\*\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Math Elective (Options: Courses under code MATH) (4)	4
MUSE 121	Piano Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
ECON 002	Principles of Economics II	3
MUSE 122	Piano Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
MGMT 301	Management & OB	3
MUSE 131	Piano Minor V	2
	Small Ensemble I	1
MUSB 016	Keyboard Harmony	2
MUSC 012	Music History III	3
MUSI 001	Seminar in Music Business	1
MUSI 076	Intro to Music Technology I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
ACCT 201	Accounting Principles I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSE 132	Piano Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
	Instrument or Choral Conducting	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>16</b>



## Senior Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MKTG 301	Principles of Marketing	3
MUSE 141	Piano Minor VII	2
	Elective Ensemble	1
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
PSYC 050	Intro to Psychology	3
	Philosophy (Elective)	3
MUSE 142	Piano Minor VIII	2
MUSI 033	Entrepreneur Entertainment Industry	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
MUTP 209	Music Internship	4
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Physical Education Elective (options: courses under subject code HHPL)

Math Elective (Options: Courses under code MATH) (4)

Large Ensemble III

Large Ensemble IV

Small Ensemble I

General Elective (Options: To be determined in consultation with advisor) (3)

Small Ensemble II

Instrument or Choral Conducting

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Elective Ensemble

Philosophy (Elective)

**Music - Business Concentration - Voice Minor (B.M.)**

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_.\_.

\*\*Ensemble I - Courses under subject code MU\_.\_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSG 111	Voice Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_.\_.

\*\*Ensemble I - Courses under subject code MU\_.\_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSG 112	Voice Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Math Elective - Precalculus or Intro. to Statistics.

\*\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Math Elective (Options: Courses under code MATH) (4)	4
MUSG 121	Voice Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
	Functional Piano III	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
ECON 002	Principles of Economics II	3
MUSG 122	Voice Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Instrument Minor I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
MGMT 301	Management & OB	3
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUSB 016	Keyboard Harmony	2
MUSC 012	Music History III	3
MUSI 001	Seminar in Music Business	1
MUSI 076	Intro to Music Technology I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	General Electives (Options: To be determined in consultation with advisor) (2)	2
ACCT 201	Accounting Principles I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MJFC 410	Audio Engineering	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MKTG 301	Principles of Marketing	3
MUSG 141	Voice Minor VII	2
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MUSD 051	Elementary Choral Conducting	3
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
PSYC 050	Intro to Psychology	3
	Philosophy (Elective)	3
MUSG 142	Voice Minor VIII	2
MUSI 033	Entrepreneur Entertainment Industry	3
MUTO 042	Student Recital VIII	0
MUTP 209	Music Internship	4
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### Functional Piano I

### ENGW 103/105

### Large Ensemble II

### Functional Piano II

### Physical Education Elective (options: courses under subject code HHPL)

### Math Elective (Options: Courses under code MATH) (4)

### Large Ensemble III

Functional Piano III

Large Ensemble IV

Functional Piano IV

Small Ensemble I

General Electives (Options: To be determined in consultation with advisor) (2)

Small Ensemble II

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

General Elective (Options: To be determined in consultation with advisor) (3)

Philosophy (Elective)

**Music - Composition Concentration - Instrument Minor (B.M.)**

The composition degree program develops skills required of a music composer and includes courses in orchestration and theoretical studies.

Composition majors are accepted by audition as instrument, piano or voice minors.

Upon completion of the second-year requirements with a 3.0 GPA in all theory courses through MUSB-042, students will be admitted to the upper division in the Composition program.

A senior recital of original compositions will be required of all Composition majors.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
	Instrument Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_ \_.

\*\*Ensemble II - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	ENGW 103/105	3
	Instrument Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>



## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_ \_.

\*\*Ensemble III - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 016	Keyboard Harmony	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
	Music Ed Instr. Family	1
	Functional Piano III	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_ \_.

\*\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
	Music Ed Instr. Family	1
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_.\_.

\*\*Ensemble V - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Instrument Minor V	2
	Small Ensemble I	1
MUSB 103	Orchestration	3
MUSB 124	Form and Analysis	3
MUSB 151	Composition I	3
MUSC 012	Music History III	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_.\_.

\*\*Ensemble VI - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Instrument Minor IV	2
	Small Ensemble II	1
	Inst. Conducting	3
MUSB 125	Advanced Analysis	3
MUSB 152	Composition II	3
MUSC 008	African & Afro-Amer Music Lit	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Instrument Minor VII	2
MUSB 043	Counterpoint	3
MUSB 153	Composition III	3
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Social Sciences Div. Elective	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Instrument Minor VIII	2
MUSB 154	Composition IV	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Instrument Minor I

### Large Ensemble I

### Functional Piano I

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4

PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

ENGW 103/105

Instrument Minor II

Large Ensemble II

Functional Piano II

Physical Education Elective (options: courses under subject code HHPL)

Instrument Minor III

Large Ensemble III

Music Ed Instr. Family

Functional Piano III

Instrument Minor IV

Large Ensemble IV

Functional Piano IV

Instrument Minor V

Small Ensemble I

Small Ensemble II

Inst. Conducting

General Elective (Options: To be determined in consultation with advisor) (3)

Instrument Minor VII

General Elective 1 Credit (Options: To be determined in consultation with advisor)

Social Sciences Div. Elective

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Instrument Minor VIII

Philosophy (Elective)

**Music - Composition Concentration - Piano Minor (B.M.)**

The composition degree program develops skills required of a music composer and includes courses in orchestration and theoretical studies.

Composition majors are accepted by audition as instrument, piano or voice minors.

Upon completion of the second-year requirements with a 3.0 GPA in all theory courses through MUSB-042, students will be admitted to the upper division in the Composition program.

A senior recital of original compositions will be required of all Composition majors.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSE 111	Piano Minor I	2
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_ \_.

\*\*Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	ENGW 103/105	3
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Music Ed Instr. Family	1
MUSE 112	Piano Minor II	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_ \_.

\*\*Ensemble III - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSB 116	Keyboard Harmony	2
MUSC 010	Music History I	3
	Music Ed Instr. Family	1
MUSE 121	Piano Minor III	2
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_ \_.

\*\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
	Music Ed Instr. Family	1
	Music Ed Instr. Family	1
MUSE 122	Piano Minor IV	2
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_ \_.

\*\*Ensemble V - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Small Ensemble I	1
MUSB 103	Orchestration	3
MUSB 124	Form and Analysis	3
MUSB 151	Composition I	3
MUSC 012	Music History III	3
	Music Ed Instr.	1
MUSE 131	Piano Minor V	2
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_ \_.

\*\*Ensemble VI - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Small Ensemble II	1
	Choral or Inst. Conducting	3
MUSB 125	Advanced Analysis	3
MUSB 152	Composition II	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSE 132	Piano Minor VI	2
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	General Elective (Options: To be determined in consultation with advisor) (3)	3
MUSB 043	Counterpoint	3
MUSB 153	Composition III	3
MUSE 141	Piano Minor VII	2
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>16</b>



## Senior Year Second Semester

Item #	Title	Credits
	Social Sciences Div. Elective	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
MUSB 154	Composition IV	3
MUSE 142	Piano Minor VIII	2
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3

BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

ENGW 103/105

Large Ensemble II

Music Ed Instr. Family

Physical Education Elective (options: courses under subject code HHPL)

Large Ensemble III

Large Ensemble IV

Small Ensemble I

Music Ed Instr.

Small Ensemble II

Choral or Inst. Conducting

General Electives (Options: To be determined in consultation with advisor) (2)

General Elective (Options: To be determined in consultation with advisor) (3)

Social Sciences Div. Elective

Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3

Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## Philosophy (Elective)

## Music - Composition Concentration - Voice Minor (B.M.)

The composition degree program develops skills required of a music composer and includes courses in orchestration and theoretical studies.

Composition majors are accepted by audition as instrument, piano or voice minors.

Upon completion of the second-year requirements with a 3.0 GPA in all theory courses through MUSB-042, students will be admitted to the upper division in the Composition program.

A senior recital of original compositions will be required of all Composition majors.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSG 111	Voice Minor I	2
MUSG 156	Diction for Singers	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_.\_.

\*\*Ensemble II - Courses under subject code MU\_.\_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUSG 112	Voice Minor II	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_.\_.

\*\*Ensemble III - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 016	Keyboard Harmony	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
	Functional Piano III	1
MUSG 121	Voice Minor III	2
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_.\_.

\*\*Ensemble IV - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUSG 122	Voice Minor IV	2
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_.\_.

\*\*Ensemble V - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Small Ensemble I	1
MUSB 103	Orchestration	3
MUSB 124	Form and Analysis	3
MUSB 151	Composition I	3
MUSC 012	Music History III	3
MUSG 131	Voice Minor V	2
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_.\_.

\*\*Ensemble VI - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Small Ensemble II	1
MUSB 043	Counterpoint	3
MUSB 125	Advanced Analysis	3
MUSB 152	Composition II	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSG 132	Voice Minor VI	2
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
	Choral Conducting	3
MUSB 153	Composition III	3
	Music Ed Instr. Family	1
MUSG 141	Voice Minor VII	2
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Social Sciences Div. Elective	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
MUSB 154	Composition IV	3
	Music Ed Instr. Family	1
MUSG 142	Voice Minor VIII	2
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### Functional Piano I

### ENGW 103/105

### Large Ensemble II

### Functional Piano II

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3

Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Large Ensemble III

Functional Piano III

Large Ensemble IV

Functional Piano IV

Small Ensemble I

Physical Education Elective (options: courses under subject code HHPL)

Small Ensemble II

Choral Conducting

Music Ed Instr. Family

Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3

MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Social Sciences Div. Elective

### Philosophy (Elective)

### **Music - Jazz Studies Concentration - Instrument Minor (B.M.)**

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.



## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Instrument Minor I	2
MUTI 011	Jazz Ensemble A I	1
MUSH 011	Improvisation I	2
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
	Instrument Minor II	2
MUTI 012	Jazz Ensemble A II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUTO 012	Student Recital II	0
MUSH 012	Improvisation II	2
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	Social Science Elective	3
	Instrument Minor III	2
MUTI 021	Jazz Ensemble A III	1
	Functional Piano III	1
MUSH 021	Improvisation III	2
MUSI 110	Jazz History	3
MUSI 101	Jazz Theory I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Instrument Minor IV	2
MUTI 023	Jazz Ensemble A IV	1
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTO 022	Student Recital IV	0
MUTO 111	Qualifying Recital	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	Instrument Minor V	2
MUTI 031	Jazz Ensemble A V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSH 016	Jazz Keyboard Harmony	2
MUSI 076	Intro to Music Technology I	3
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
	Instrument Minor VI	2
MUTI 033	Jazz Ensemble A VI	1
MUSD 058	Instrumental Conducting	3
MUSH 032	Improvisation VI	2
MUSI 077	Intro to Music Technology II	3
MUSI 184	Jazz Arranging II	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Minor VII	2
MUTI 041	Jazz Ensemble A VII	1
MUSI 031	Intro to Entertainment Law	3
MUTI 111	Jazztet I	1
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Minor VIII	2
MUTI 043	Jazz Ensemble A VIII	1
MUSC 008	African & Afro-Amer Music Lit	3
MUTO 112	Senior Recital	0
	Philosophy (Elective)	3
MUTI 112	Jazztet II	1
MUTO 042	Student Recital VIII	0
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Instrument Minor I

### Functional Piano I

### ENGW 103/105

## Instrument Minor II

### Functional Piano II

### Social Science Elective

## Instrument Minor III

### Functional Piano III

## Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

## Instrument Minor IV

### Functional Piano IV

## Instrument Minor V

## Instrument Minor VI

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### General Elective (Options: To be determined in consultation with advisor) (3)

### Physical Education Elective (options: courses under subject code HHPL)

## Instrument Minor VII

## Instrument Minor VIII

### Philosophy (Elective)

## **Music - Jazz Studies Concentration - Piano Minor (B.M.)**

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUTI 011	Jazz Ensemble A I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSE 111	Piano Minor I	2
MUSH 011	Improvisation I	2
MUTX 111	Jazz Piano I	2
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
MUTI 012	Jazz Ensemble A II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSE 112	Piano Minor II	2
MUSH 012	Improvisation II	2
MUTX 112	Jazz Piano II	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Physical Education Elective (options: courses under subject code HHPL)	1
MUTI 021	Jazz Ensemble A III	1
MUSE 121	Piano Minor III	2
MUSH 021	Improvisation III	2
MUSI 110	Jazz History	3
MUSI 101	Jazz Theory I	3
MUTX 121	Jazz Piano III	2
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 006	College Algebra I	3
MUTI 023	Jazz Ensemble A IV	1
MUSC 011	Music History II	3
MUSE 122	Piano Minor IV	2
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTX 122	Jazz Piano IV	2
MUTO 022	Student Recital IV	0
MUTO 111	Qualifying Recital	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSC 012	Music History III	3
MUTI 031	Jazz Ensemble A V	1
MUSH 031	Improvisation V	2
MUSI 076	Intro to Music Technology I	3
MUSI 183	Jazz Arranging I	3
MUTX 131	Jazz Piano V	2
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSC 008	African & Afro-Amer Music Lit	3
MUTI 033	Jazz Ensemble A VI	1
MUSH 032	Improvisation VI	2
MUSI 077	Intro to Music Technology II	3
MUSI 184	Jazz Arranging II	3
MUTX 132	Jazz Piano VI	2
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
MUTI 041	Jazz Ensemble A VII	1
MUSD 058	Instrumental Conducting	3
MUSI 031	Intro to Entertainment Law	3
MUTI 111	Jazztet I	1
MUTX 141	Jazz Piano VII	2
	Philosophy (Elective)	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

\*Choose PSYC 050 or Philosophy Elective.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MUTI 043	Jazz Ensemble A VIII	1
MUTI 112	Jazztet II	1
	Physical Education Elective (options: courses under subject code HHPL)	1
MUTX 142	Jazz Piano VIII	2
	General Elective (Options: To be determined in consultation with advisor) (3)	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### ENGW 103/105

Physical Education Elective (options: courses under subject code HHPL)

General Elective 1 Credit (Options: To be determined in consultation with advisor)



## Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

## Philosophy (Elective)

## Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

## Social Science Elective

General Elective (Options: To be determined in consultation with advisor) (3)

## Music - Jazz Studies Concentration - Voice Minor (B.M.)

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
FRSM 001	Freshman Seminar	1
	Functional Piano I	1
MUSH 011	Improvisation I	2
MUTO 011	Student Recital I	0
MUTV 111	Jazz Vocal Workshop I	1
MUTW 111	Voice for Jazz Studies I	2
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MATH 006	College Algebra I	3
	Functional Piano II	1
MUSH 012	Improvisation II	2
MUTO 012	Student Recital II	0
MUTV 112	Jazz Vocal Workshop II	1
MUTW 112	Voice for Jazz Studies II	2
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Social Science Elective	3
MUSI 110	Jazz History	3
MUSI 101	Jazz Theory I	3
	Functional Piano III	1
MUSH 021	Improvisation III	2
MUTO 021	Student Recital III	0
MUTV 121	Jazz Vocal Workshop III	1
MUTW 121	Voice for Jazz Studies III	2
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
MUSC 011	Music History II	3
MUSI 102	Jazz Theory II	3
	Functional Piano IV	1
MUSH 022	Improvisation IV	2
MUTO 022	Student Recital IV	0
MUTV 122	Jazz Vocal Workshop IV	1
MUTW 122	Voice for Jazz Studies IV	2
MUSE 051	Piano Proficiency Exam	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MUSC 012	Music History III	3
MUSI 031	Intro to Entertainment Law	3
MUSI 160	Vocal Arranging I	3
MUSH 016	Jazz Keyboard Harmony	2
MUSH 031	Improvisation V	2
MUTO 031	Student Recital V	0
MUTV 131	Jazz Vocal V	1
MUTW 131	Voice for Jazz Studies V	2
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSI 143	Vocal Arranging II	3
	Philosophy (Elective)	3
MUSH 032	Improvisation VI	2
MUTO 032	Student Recital VI	0
MUTV 131	Jazz Vocal V	1
MUTW 131	Voice for Jazz Studies V	2
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
MUSD 051	Elementary Choral Conducting	3
MUSI 076	Intro to Music Technology I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSH 041	Improvisation VII	2
MUTO 041	Student Recital VII	0
MUTV 141	Jazz Vocal Workshop VII	1
MUTW 141	Voice for Jazz Studies VII	2
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
MUSC 008	African & Afro-Amer Music Lit	3
MUSI 077	Intro to Music Technology II	3
MUSH 042	Improvisation VIII	2
MUTO 042	Student Recital VIII	0
MUTV 142	Jazz Vocal Workshop VIII	1
MUTW 142	Voice for Jazz Studies VIII	2
MUTO 112	Senior Recital	0
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Functional Piano I

### ENGW 103/105

### Functional Piano II

### Social Science Elective

### Functional Piano III

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3

COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### Functional Piano IV

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Physical Education Elective (options: courses under subject code HHPL)

### Philosophy (Elective)

### General Elective (Options: To be determined in consultation with advisor) (3)

### General Elective 1 Credit (Options: To be determined in consultation with advisor)

## Music - Jazz Studies Concentration w/ Technology Electives - Instrument Minor (B.M.)

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
	Instrument Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSH 011	Improvisation I	2
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Freshman Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	ENGW 103/105	3
	Instrument Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUSH 012	Improvisation II	2
MUTO 012	Student Recital II	0
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
MATH 006	College Algebra I	3
	Instrument Minor III	2
	Large Ensemble III	1
	Functional Piano III	1
MUSH 021	Improvisation III	2
MUSI 101	Jazz Theory I	3
MUTO 021	Student Recital III	0
MJFC 101	Intro to Mass Communications	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Sophomore Year Second Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	Instrument Minor IV	2
	Large Ensemble IV	1
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTO 022	Student Recital IV	0
MJFC 200	Intro to MediaProduction	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Instrument Minor I - Courses under subject code MU\_\_.

\*\*Ensemble I - Courses under subject code MU\_\_.

Item #	Title	Credits
	Instrument Minor V	2
	Large Ensemble V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSH 016	Jazz Keyboard Harmony	2
MUSI 076	Intro to Music Technology I	3
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
	Instrument Minor VI	2
	Large Ensemble VI	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 058	Instrumental Conducting	3
MUSH 032	Improvisation VI	2
MUSI 077	Intro to Music Technology II	3
MUTO 032	Student Recital VI	0
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Choose between MJFC 457 or THTT 058.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Instrument Minor VII	2
MUSI 032	Intro Entertainment law	3
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
MJFC 457	Audio Practicum	1
THTT 058	Tech Production I	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
	Philosophy (Elective)	3
	Social Science Elective	3
	Ensemble Elective (1)	1
	Instrument Minor VIII	2
	Music Technology Ind. Study (MUSI)	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Instrument Minor I

### Large Ensemble I

### Functional Piano I

### ENGW 103/105

### Instrument Minor II

Large Ensemble II

Functional Piano II

Physical Education Elective (options: courses under subject code HHPL)

Instrument Minor III

Large Ensemble III

Functional Piano III

Instrument Minor IV

Large Ensemble IV

Functional Piano IV

Instrument Minor V

Large Ensemble V

Instrument Minor VI

Large Ensemble VI

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3

Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Instrument Minor VII

### Philosophy (Elective)

### Social Science Elective

### Ensemble Elective (1)

### Instrument Minor VIII

### Music Technology Ind. Study (MUSI)

## Music - Jazz Studies Concentration w/ Technology Electives - Piano Minor (B.M.)

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
MUTX 111	Jazz Piano I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSH 011	Improvisation I	2
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MUTX 112	Jazz Piano II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSE 111	Piano Minor I	2
MUSH 012	Improvisation II	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 006	College Algebra I	3
MUTX 121	Jazz Piano III	2
	Large Ensemble III	1
MUSE 112	Piano Minor II	2
MUSH 021	Improvisation III	2
MUSI 101	Jazz Theory I	3
MUTO 021	Student Recital III	0
MJFC 101	Intro to Mass Communications	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MUTX 122	Jazz Piano IV	2
	Large Ensemble IV	1
MUSC 011	Music History II	3
MUSE 121	Piano Minor III	2
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTO 022	Student Recital IV	0
MJFC 200	Intro to MediaProduction	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
MUTX 131	Jazz Piano V	2
	Large Ensemble V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSI 076	Intro to Music Technology I	3
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MUTX 132	Jazz Piano VI	2
	Large Ensemble VI	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 058	Instrumental Conducting	3
MUSH 032	Improvisation VI	2
MUSI 077	Intro to Music Technology II	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

\*Choose between MJFC 457 or THTT 058.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MUTX 141	Jazz Piano VII	2
MUSI 032	Intro Entertainment law	3
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
MJFC 457	Audio Practicum	1
THTT 058	Tech Production I	3
	Ensemble Elective (1)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Philosophy (Elective)	3
	Social Science Elective	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
MUTX 142	Jazz Piano VIII	2
	Music Technology Ind. Study (MUSI)	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Large Ensemble III

### Large Ensemble IV

### Large Ensemble V

### Physical Education Elective (options: courses under subject code HHPL)

### Large Ensemble VI

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Ensemble Elective (1)

### Philosophy (Elective)

### Social Science Elective

### Music Technology Ind. Study (MUSI)

## Music - Jazz Studies Concentration w/ Technology Electives - Voice Minor (B.M.)

The Bachelor of Music with Elective Studies in Business degree is a Music Major program in either Performance or Jazz Studies, with additional courses in Business Administration. Auditions are for acceptance into the Performance or Jazz Studies major area.

The business courses include subjects such as economics, accounting, principles of marketing and statistics.

The program requires an administrative internship in the arts community during the senior year.

Senior Recital is required

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.



### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSH 011	Improvisation I	2
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
MUTV 111	Jazz Vocal Workshop I	1
MUTW 111	Voice for Jazz Studies I	2
	<b>Sub-Total Credits</b>	<b>18</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUSH 012	Improvisation II	2
MUTO 012	Student Recital II	0
MUTV 112	Jazz Vocal Workshop II	1
MUTW 112	Voice for Jazz Studies II	2
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 006	College Algebra I	3
	Functional Piano III	1
MUSH 021	Improvisation III	2
MUSI 101	Jazz Theory I	3
MUTO 021	Student Recital III	0
MUTV 121	Jazz Vocal Workshop III	1
MUTW 121	Voice for Jazz Studies III	2
MJFC 101	Intro to Mass Communications	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSE 051	Piano Proficiency Exam	0
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUTO 022	Student Recital IV	0
MUTV 122	Jazz Vocal Workshop IV	1
MUTW 122	Voice for Jazz Studies IV	2
MJFC 200	Intro to MediaProduction	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSH 016	Jazz Keyboard Harmony	2
MUSI 076	Intro to Music Technology I	3
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
MUTV 131	Jazz Vocal V	1
MUTW 131	Voice for Jazz Studies V	2
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
MUSC 008	African & Afro-Amer Music Lit	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
MUSH 032	Improvisation VI	2
MUSI 077	Intro to Music Technology II	3
MUTO 032	Student Recital VI	0
MUTV 132	Jazz Vocal Workshop VI	1
MUTW 132	Voice for Jazz Studies VI	2
	Physical Education Elective (options: courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

\*Choose between MJFC 457 or THTT 058.

Item #	Title	Credits
MUSD 058	Instrumental Conducting	3
MUSI 032	Intro Entertainment law	3
MUTO 041	Student Recital VII	0
MUTW 141	Voice for Jazz Studies VII	2
MJFC 410	Audio Engineering	3
MJFC 457	Audio Practicum	1
THTT 058	Tech Production I	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
	Philosophy (Elective)	3
	Social Science Elective	3
	Ensemble Elective (1)	1
	Music Technology Ind. Study (MUSI)	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
MUTW 142	Voice for Jazz Studies VIII	2
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Functional Piano I

### ENGW 103/105

### Functional Piano II

Physical Education Elective (options: courses under subject code HHPL)

### Functional Piano III

## Functional Piano IV

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Philosophy (Elective)

### Social Science Elective

### Ensemble Elective (1)

### Music Technology Ind. Study (MUSI)

## **Music - Music Education - Instrument Minor (B.M.)**

The Bachelor of Music in Music Education degree program provides the training to become a certified teacher of either vocal or instrumental music, grades K through 12, in the District of Columbia. This teaching certificate is reciprocal to more than 30 other states in the United States.

The Instrumental Emphasis program prepares students for work as Band Directors while the Vocal Emphasis program prepares students as Choral Directors.

Student Teaching is required in the final semester, and only after all major work has been completed. The following prerequisites must be completed prior to student teaching:

- Students must pass Praxis I examination
- Students who are not piano minors must pass the Piano

Proficiency Examination prior to their 7th semester, and in order to achieve Senior classification.

An average of "B" must be achieved in all Music Education and Education courses.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

\*\*\*Choose between MUTC 011 OR Physical Education Elective.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Instrument Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSD 120	Contemp Trends in Music Educ	1
	Functional Piano I	1
MUTG 011	Marching Band I	1
	Physical Education Elective (options: courses under subject code HHPL)	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_ \_.

\*\*Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
	Instrument Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSD 121	Contemp Trends in Music Educ	1
MUSD 019	Percussion Instruments	1
	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_ \_.

\*\*Ensemble III - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Instrument Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUSD 015	String Instruments I	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_ \_.

\*\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Instrument Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSD 016	String Instruments II	1
MUSD 017	Brass Instruments I	2
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_ \_.

\*\*Ensemble V - Courses under subject code MU\_ \_.

Item #	Title	Credits
EDUC 210	Foundations & Urban Education	3
	Instrument Minor V	2
	Small Ensemble I	1
MUSB 103	Orchestration	3
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSD 013	Woodwind Instruments I	1
MUSG 031	Voice Class for Instr Majors	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_ \_.

\*\*Ensemble VI - Courses under subject code MU\_ \_.

Item #	Title	Credits
EDUC 212	Educational Psychology: Learning & African American Learners	3
	Instrument Minor IV	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 014	Woodwind Instruments II	1
MUSD 054	Music in the Secondary Schools	3
MUSD 058	Instrumental Conducting	3
MUSE 051	Piano Proficiency Exam	0
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
EDUC 311	Special Educ & Classroom Mgmt	3
EDUC 410	Pedagogy & Content Literacy	3
	Instrument Minor VII	2
MUSB 016	Keyboard Harmony	2
MUSD 006	Music Education Guitar Class	1
MUSD 057	Teaching & Supv of Instr Music	3
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Management.	9-12
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>123</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Instrument Minor I

Large Ensemble I

Functional Piano I

Physical Education Elective (options: courses under subject code HHPL)

ENGW 103/105

Instrument Minor II

Large Ensemble II

Functional Piano II

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Instrument Minor III

Large Ensemble III

Instrument Minor IV

Large Ensemble IV



## Instrument Minor V

### Small Ensemble I

### Small Ensemble II

## Instrument Minor VII

### Music - Music Education - Organ Minor (B.M.)

The Bachelor of Music in Music Education degree program provides the training to become a certified teacher of either vocal or instrumental music, grades K through 12, in the District of Columbia. This teaching certificate is reciprocal to more than 30 other states in the United States.

The Instrumental Emphasis program prepares students for work as Band Directors while the Vocal Emphasis program prepares students as Choral Directors.

Student Teaching is required in the final semester, and only after all major work has been completed. The following prerequisites must be completed prior to student teaching:

- Students must pass Praxis I examination
- Students who are not piano minors must pass the Piano

Proficiency Examination prior to their 7th semester, and in order to achieve Senior classification.

An average of "B" must be achieved in all Music Education and Education courses.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSD 120	Contemp Trends in Music Educ	1
MUSF 111	Organ Minor I	2
MUTL 011	University Choir I	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSD 121	Contemp Trends in Music Educ	1
MUSF 112	Organ Minor II	2
MUTL 012	University Choir II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUSD 006	Music Education Guitar Class	1
MUSF 121	Organ Minor III	2
MUTL 021	University Choir III	1
MUTO 021	Student Recital III	0
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSD 005	Instrumental Survey	3
MUSF 122	Organ Minor IV	2
MUTL 022	University Choir IV	1
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
EDUC 210	Foundations & Urban Education	3
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSD 051	Elementary Choral Conducting	3
MUSD 053	Music in the Elementary School	3
MUSF 131	Organ Minor V	2
MUTL 031	University Choir V	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

Item #	Title	Credits
EDUC 311	Special Educ & Classroom Mgmt	3
MUSB 043	Counterpoint	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 054	Music in the Secondary Schools	3
MUSE 154	Vocal Accompanying	2
MUSF 132	Organ Minor VI	2
MUTL 032	University Choir VI	1
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

Item #	Title	Credits
EDUC 212	Educational Psychology: Learning & African American Learners	3
EDUC 410	Pedagogy & Content Literacy	3
	Ensemble Elective (1)	1
MUSB 016	Keyboard Harmony	2
	Instrumental Methods Elective	1
MUSF 141	Organ Minor VII	2
MUSF 153	Service Playing	2
MUSG 031	Voice Class for Instr Majors	1
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Management.	9-12
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>123</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Physical Education Elective (options: courses under subject code HHPL)

### ENGW 103/105

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Ensemble Elective (1)

### Instrumental Methods Elective

### **Music - Music Education - Piano Minor (B.M.)**

The Bachelor of Music in Music Education degree program provides the training to become a certified teacher of either vocal or instrumental music, grades K through 12, in the District of Columbia. This teaching certificate is reciprocal to more than 30 other states in the United States.

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Student Teaching is required in the final semester, and only after all major work has been completed. The following prerequisites must be completed prior to student teaching:

- Students must pass Praxis I examination
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Proficiency Examination prior to their 7th semester, and in order to achieve Senior classification.

An average of "B" must be achieved in all Music Education and Education courses.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSD 120	Contemp Trends in Music Educ	1
MUSE 111	Piano Minor I	2
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>14</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MATH 006	College Algebra I	3
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSD 121	Contemp Trends in Music Educ	1
MUSE 112	Piano Minor II	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUSD 006	Music Education Guitar Class	1
MUSE 121	Piano Minor III	2
MUTO 021	Student Recital III	0
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Choose between SEED 005 or Foreign Language Course.

Item #	Title	Credits
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSD 005	Instrumental Survey	3
MUSE 122	Piano Minor IV	2
MUTO 022	Student Recital IV	0
SEED 005	Ed Psych: Childhood and Adolescence	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
EDUC 210	Foundations & Urban Education	3
	Small Ensemble I	1
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSD 051	Elementary Choral Conducting	3
MUSD 053	Music in the Elementary School	3
MUSE 131	Piano Minor V	2
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

Item #	Title	Credits
	Small Ensemble II	1
MUSB 043	Counterpoint	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 054	Music in the Secondary Schools	3
MUSE 132	Piano Minor VI	2
MUSE 154	Vocal Accompanying	2
MUTL 032	University Choir VI	1
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
EDUC 212	Educational Psychology: Learning & African American Learners	3
EDUC 410	Pedagogy & Content Literacy	3
	Ensemble Elective (1)	1
MUSB 116	Keyboard Harmony	2
	Instrumental Methods Elective	1
MUSE 141	Piano Minor VII	2
MUSE 157	Piano Pedagogy	2
MUSG 031	Voice Class for Instr Majors	1
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Management.	9-12
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>125</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Physical Education Elective (options: courses under subject code HHPL)

### Large Ensemble I

## ENGW 103/105

### Large Ensemble II

### Large Ensemble III

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Large Ensemble IV

### Small Ensemble I

### Small Ensemble II

### Ensemble Elective (1)

### Instrumental Methods Elective

## Music - Music Education - Voice Minor/General (B.M.)

The Bachelor of Music in Music Education degree program provides the training to become a certified teacher of either vocal or instrumental music, grades K through 12, in the District of Columbia. This teaching certificate is reciprocal to more than 30 other states in the United States.

The Instrumental Emphasis program prepares students for work as Band Directors while the Vocal Emphasis program prepares students as Choral Directors.

Student Teaching is required in the final semester, and only after all major work has been completed. The following prerequisites must be completed prior to student teaching:



- Students must pass Praxis I examination
- Students who are not piano minors must pass the Piano

Proficiency Examination prior to their 7th semester, and in order to achieve Senior classification.

An average of "B" must be achieved in all Music Education and Education courses.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSD 120	Contemp Trends in Music Educ	1
	Functional Piano I	1
MUSE 111	Piano Minor I	2
	Large Ensemble I	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSD 121	Contemp Trends in Music Educ	1
	Functional Piano II	1
MUSG 112	Voice Minor II	2
	Large Ensemble II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUSD 006	Music Education Guitar Class	1
MUSG 121	Voice Minor III	2
	Large Ensemble III	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSD 005	Instrumental Survey	3
MUSE 051	Piano Proficiency Exam	0
MUSG 122	Voice Minor IV	2
	Large Ensemble IV	1
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
EDUC 210	Foundations & Urban Education	3
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSD 051	Elementary Choral Conducting	3
MUSD 053	Music in the Elementary School	3
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

Item #	Title	Credits
EDUC 311	Special Educ & Classroom Mgmt	3
MUSB 043	Counterpoint	3
MUSB 116	Keyboard Harmony	2
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 054	Music in the Secondary Schools	3
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 212	Educational Psychology: Learning & African American Learners	3
EDUC 410	Pedagogy & Content Literacy	3
	Instrumental Methods Elective	1
MUSG 141	Voice Minor VII	2
	Ensemble Elective (1)	1
MUSG 155	Solo Vocal Literature	2
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 450	Internship and Classroom Management.	9-12
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Physical Education Elective (options: courses under subject code HHPL)

### Functional Piano I

### Large Ensemble I

### ENGW 103/105

### Functional Piano II

### Large Ensemble II

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Large Ensemble III

### Large Ensemble IV

### Small Ensemble I

### Small Ensemble II

### Instrumental Methods Elective

### Ensemble Elective (1)

## Music - Music History - Instrument Minor (B.M.)

The Bachelor of Music in Music History program develops overall music scholarship and hones research skills.

Students will not be permitted to elect history as a major until they have completed MUSC-010 and MUSC-011 with grades of B or better. Students who major in the history of music must meet the requirements for a minor in vocal or instrumental performance and must appear creditably on student recitals in this subject. Students must maintain a B average in their major subject. At least two major projects must relate to an aspect of the black heritage in music.

Senior thesis is required. Candidates for graduation will be required to pass an oral examination before a music faculty committee.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Minor I - Courses under subject code MU\_.\_.

\*\*Ensemble I - Courses under subject code MU\_.\_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
	Instrument Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano III	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Instrument Minor II - Courses under subject code MU\_.\_.

\*\*Ensemble II - Courses under subject code MU\_.\_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
HIST 013	Amer Military Exper to 1865	3
	Instrument Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano IV	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Instrument Minor III - Courses under subject code MU\_ \_.

\*\*Ensemble III - Courses under subject code MU\_ \_.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
ARTH 161	Art Appreciation	3
	Instrument Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

\*Instrument Minor IV - Courses under subject code MU\_ \_.

\*\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSC 103	The Symphony	3
MUSE 051	Piano Proficiency Exam	0
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Instrument Minor V - Courses under subject code MU\_ \_.

\*\*Small Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
FREN 001	French I	3
	Instrument Minor V	2
	Small Ensemble I	1
MUSB 016	Keyboard Harmony	2
MUSC 012	Music History III	3
MUSC 105	Choral Music	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

\*Instrument Minor VI - Courses under subject code MU\_ \_.

\*\*Small Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
FREN 002	French II	3
	Instrument Minor IV	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSC 104	Chamber Music	3
MUSC 156	Music Literature of the Twentieth Century	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
GERM 001	German I	3
	Instrument Minor VII	2
	Large Ensemble V	1
MUSB 124	Form and Analysis	3
MUSC 155	Style Criteria	3
	Chant to Opera	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
GERM 002	German II	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Minor VIII	2
	Large Ensemble VI	1
MUSB 043	Counterpoint	3
MUSC 106	Dramatic Music	3
MUSC 201	Senior Thesis	1
MUTO 042	Student Recital VIII	0
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

Instrument Minor I

Large Ensemble I

Functional Piano III

ENGW 103/105

Instrument Minor II

Large Ensemble II

Functional Piano IV

General Elective (Options: To be determined in consultation with advisor) (3)

Instrument Minor III

Large Ensemble III

Physical Education Elective (options: courses under subject code HHPL)

Instrument Minor IV

Large Ensemble IV

Instrument Minor V

Small Ensemble I

Small Ensemble II



## Instrument Minor VII

### Large Ensemble V

### Chant to Opera

## Instrument Minor VIII

### Large Ensemble VI

## Music - Music History - Piano Minor (B.M.)

The Bachelor of Music in Music History program develops overall music scholarship and hones research skills.

Students will not be permitted to elect history as a major until they have completed MUSC-010 and MUSC-011 with grades of B or better. Students who major in the history of music must meet the requirements for a minor in vocal or instrumental performance and must appear creditably on student recitals in this subject. Students must maintain a B average in their major subject. At least two major projects must relate to an aspect of the black heritage in music.

Senior thesis is required. Candidates for graduation will be required to pass an oral examination before a music faculty committee.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Ensemble I - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
MUSE 111	Piano Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

\*Ensemble II - Courses under subject code MU\_\_.

Item #	Title	Credits
	ENGW 103/105	3
HIST 013	Amer Military Exper to 1865	3
MUSE 112	Piano Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

\*Ensemble III - Courses under subject code MU\_\_.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
ARTH 161	Art Appreciation	3
MUSE 121	Piano Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

\*Ensemble IV - Courses under subject code MU\_\_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSE 122	Piano Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSC 103	The Symphony	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Small Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
FREN 001	French I	3
MUSE 131	Piano Minor V	2
	Small Ensemble I	1
MUSB 016	Keyboard Harmony	2
MUSC 012	Music History III	3
MUSC 105	Choral Music	3
MUTO 031	Student Recital V	0
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Small Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
FREN 002	French II	3
MUSE 132	Piano Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSC 104	Chamber Music	3
MUSC 156	Music Literature of the Twentieth Century	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Large Ensemble V - Courses under subject code MU\_ \_.

Item #	Title	Credits
GERM 001	German I	3
MUSE 141	Piano Minor VII	2
	Large Ensemble V	1
MUSB 124	Form and Analysis	3
	Chant to Opera	3
MUSC 155	Style Criteria	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Large Ensemble VI - Courses under subject code MU\_.\_.

Item #	Title	Credits
GERM 002	German II	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSE 142	Piano Minor VIII	2
	Large Ensemble VI	1
MUSB 043	Counterpoint	3
MUSC 106	Dramatic Music	3
MUSC 201	Senior Thesis	1
MUTO 042	Student Recital VIII	0
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### General Elective (Options: To be determined in consultation with advisor) (3)

### Large Ensemble III

### Physical Education Elective (options: courses under subject code HHPL)

### Large Ensemble IV

### Small Ensemble I

General Elective 1 Credit (Options: To be determined in consultation with advisor)

Small Ensemble II

Large Ensemble V

Chant to Opera

Large Ensemble VI

**Music - Music History - Voice Minor (B.M.)**

The Bachelor of Music in Music History program develops overall music scholarship and hones research skills.

Students will not be permitted to elect history as a major until they have completed MUSC-010 and MUSC-011 with grades of B or better. Students who major in the history of music must meet the requirements for a minor in vocal or instrumental performance and must appear creditably on student recitals in this subject. Students must maintain a B average in their major subject. At least two major projects must relate to an aspect of the black heritage in music.

Senior thesis is required. Candidates for graduation will be required to pass an oral examination before a music faculty committee.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
MUSG 111	Voice Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano III	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 103/105	3
HIST 013	Amer Military Exper to 1865	3
MUSG 112	Voice Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano IV	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Ensemble III - Courses under subject code MU\_ \_.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
ARTH 161	Art Appreciation	3
MUSG 121	Voice Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSG 122	Voice Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSC 103	The Symphony	3
MUSE 051	Piano Proficiency Exam	0
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Small Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
FREN 001	French I	3
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUSB 016	Keyboard Harmony	2
MUSC 012	Music History III	3
MUSC 105	Choral Music	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

\*Small Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
FREN 002	French II	3
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSC 104	Chamber Music	3
MUSC 156	Music Literature of the Twentieth Century	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Large Ensemble V - Courses under subject code MU\_ \_.

Item #	Title	Credits
GERM 001	German I	3
MUSG 141	Voice Minor VII	2
	Large Ensemble V	1
MUSB 124	Form and Analysis	3
	Chant to Opera	3
MUSC 155	Style Criteria	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Large Ensemble VI - Courses under subject code MU\_ \_.

Item #	Title	Credits
GERM 002	German II	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSG 142	Voice Minor VIII	2
	Large Ensemble VI	1
MUSB 043	Counterpoint	3
MUSC 106	Dramatic Music	3
MUSC 201	Senior Thesis	1
MUTO 042	Student Recital VIII	0
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### Functional Piano III

### ENGW 103/105

### Large Ensemble II



## Functional Piano IV

General Elective (Options: To be determined in consultation with advisor) (3)

## Large Ensemble III

Physical Education Elective (options: courses under subject code HHPL)

## Large Ensemble IV

## Small Ensemble I

## Small Ensemble II

## Large Ensemble V

## Chant to Opera

## Large Ensemble VI

## Music - Music Therapy - Guitar Minor (B.M.)

The **Bachelor of Music in Music Therapy** program provides the training for the Music Therapy Board Certification Examination.

At the end of Freshman year, all Music Therapy students take a **guitar barrier exam**. Passing the exam is required for continued studies within the Music Therapy major. The exam is taken as part of the Methods and Techniques in Music Therapy course.

After successful completion of all HU academic requirements, students must complete a **Music Therapy Clinical Internship** at an AMTA-approved site. Approval from the program coordinator is required to begin the Internship, after which the student will be qualified to sit for the **Music Therapy Board Certification Examination**.

Applicants with a baccalaureate degree in music who seek admission to the Music Therapy program will have customized programs designed that fulfill all the requirements for the Bachelor of Music in Music Therapy. An audition, transfer of credits (up to 96 credits of courses with the grade of "C" or better from an accredited 4-year institution), and consultation with the program coordinator are required for acceptance as a transfer student or second bachelor's degree candidate.

For their senior project, Music Therapy students can either perform a recital on their principal instrument, or do a presentation based on their clinical work and theoretical knowledge.

Senior project and successful completion of internship are required for graduation.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

\*Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSJ 101	Music Therapy I	3
MUSE 110	Functional Piano I/ Music Ther	1
MUSO 111	Guitar Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

\*Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSJ 110	Method & Tech in Music Thpy	2
MUSJ 111	Practicum I	0
MUSE 120	Funtional Piano II (Therapy)	1
MUSO 112	Guitar Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Ensemble III - Courses under subject code MU\_ \_.

\*\*Choose between MUSC 110 or MUSI 110.

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3
MUSE 130	Functional Piano III Therapy	1
MUSG 031	Voice Class for Instr Majors	1
MUSD 019	Percussion Instruments	1
MUSO 121	Guitar Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSC 011	Music History II	3
MUSJ 102	Music Therapy II	3
MUSE 140	Functional Piano IV Music Ther	1
MUSE 051	Piano Proficiency Exam	0
MUSG 003	Voice Instruction	1
MUSO 122	Guitar Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

\*Small Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
PSYC 116	Abnormal Psychology	3
SOCI 001	Introduction to Sociology	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
MUSI 076	Intro to Music Technology I	3
MUSJ 120	Psychology of Music	3
	Practicum II	0
MUSO 131	Guitar Minor V	2
	Small Ensemble I	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

\*Small Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
HHPL 102	Human Anatomy (Majors only)	3
HHPL 108	Human Anatomy Lab	1
MUSJ 115	Influence of Music on Behavior	3
MUSJ 116	Practicum III	0
MUSC 008	African & Afro-Amer Music Lit	3
MUSO 132	Guitar Minor VI	2
	Small Ensemble II	1
MUSD 058	Instrumental Conducting	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

\*Choose between MUSC 009 or ANTH 110.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
EDUC 331	Special Education	3
MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	3
SOCI 020	Introduction to Social Psych	3
MUSJ 122	Independent Study	3
MUSJ 121	Senior Practicum	2
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSJ 135	Music Therapy Internship	1
	<b>Sub-Total Credits</b>	<b>1</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

Physical Education Elective (options: courses under subject code HHPL)

ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

Large Ensemble I

ENGW 103/105

Large Ensemble II

Large Ensemble III

Large Ensemble IV

General Elective (Options: To be determined in consultation with advisor) (3)

Practicum II

Small Ensemble I

Small Ensemble II

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## Music - Music Therapy - Instrument Minor (B.M.)

The **Bachelor of Music in Music Therapy** program provides the training for the Music Therapy Board Certification Examination.

At the end of Freshman year, all Music Therapy students take a **guitar barrier exam**. Passing the exam is required for continued studies within the Music Therapy major. The exam is taken as part of the Methods and Techniques in Music Therapy course.

After successful completion of all HU academic requirements, students must complete a **Music Therapy Clinical Internship** at an AMTA-approved site. Approval from the program coordinator is required to begin the Internship, after which the student will be qualified to sit for the **Music Therapy Board Certification Examination**.

Applicants with a baccalaureate degree in music who seek admission to the Music Therapy program will have customized programs designed that fulfill all the requirements for the Bachelor of Music in Music Therapy. An audition, transfer of credits (up to 96 credits of courses with the grade of "C" or better from an accredited 4-year institution), and consultation with the program coordinator are required for acceptance as a transfer student or second bachelor's degree candidate.

For their senior project, Music Therapy students can either perform a recital on their principal instrument, or do a presentation based on their clinical work and theoretical knowledge.

Senior project and successful completion of internship are required for graduation.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Ensemble - Courses under subject code MU\_.\_.

\*\*Instrument Minor - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSJ 101	Music Therapy I	3
MUSO 100	Guitar Instruction	1
MUSE 110	Functional Piano I/ Music Ther	1
	Instrument Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Freshman Year Second Semester

\*Ensemble - Courses under subject code MU\_.\_.

\*\*Instrument Minor - Courses under subject code MU\_.\_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSJ 110	Method & Tech in Music Thpy	2
MUSJ 111	Practicum I	0
MUSO 110	Guitar Class Therapy	1
	Instrument Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Ensemble - Courses under subject code MU\_ \_.

\*\*Instrument Minor - Courses under subject code MU\_ \_.

\*\*\*Choose between MUSC 110 or MUSI 110.

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3
MUSJ 107	Guitar Technique Music Therapy	2
MUSG 031	Voice Class for Instr Majors	1
MUSD 019	Percussion Instruments	1
	Instrument Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

\*Ensemble - Courses under subject code MU\_ \_.

\*\*Instrument Minor - Courses under subject code MU\_ \_.

Item #	Title	Credits
MUSC 011	Music History II	3
MUSJ 102	Music Therapy II	3
MUTF 111	Guitar Ensemble I	1
MUSE 120	Functional Piano II (Therapy)	1
MUSE 051	Piano Proficiency Exam	0
MUSG 003	Voice Instruction	1
	Instrument Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>17</b>



## Junior Year First Semester

\*Small Ensemble I - Courses under subject code MU\_.\_.

\*\*Instrument Minor - Courses under subject code MU\_.\_.

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
SOCI 001	Introduction to Sociology	3
PSYC 116	Abnormal Psychology	3
MUSI 076	Intro to Music Technology I	3
MUSJ 120	Psychology of Music	3
	Practicum II	0
	Instrument Minor V	2
	Small Ensemble I	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

\*Small Ensemble II - Courses under subject code MU\_.\_.

\*\*Instrument Minor - Courses under subject code MU\_.\_.

Item #	Title	Credits
HHPL 102	Human Anatomy (Majors only)	3
HHPL 108	Human Anatomy Lab	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSJ 115	Influence of Music on Behavior	3
MUSJ 116	Practicum III	0
	Instrument Minor VI	2
	Small Ensemble II	1
MUSD 058	Instrumental Conducting	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

\*Choose between MUSC 009 or ANTH 110.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
EDUC 331	Special Education	3
MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	3
SOCI 020	Introduction to Social Psych	3
MUTO 041	Student Recital VII	0
MUSJ 121	Senior Practicum	2
MUSJ 122	Independent Study	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Senior Year Second Semester

Item #	Title	Credits
MUSJ 135	Music Therapy Internship	1
	<b>Sub-Total Credits</b>	<b>1</b>
	<b>Total credits:</b>	<b>123</b>

## Category Descriptions

Physical Education Elective (options: courses under subject code HHPL)

ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

Instrument Minor I

Large Ensemble I

ENGW 103/105

Instrument Minor II

Large Ensemble II

Instrument Minor III

Large Ensemble III

Instrument Minor IV

Large Ensemble IV

General Elective (Options: To be determined in consultation with advisor) (3)

Practicum II

Instrument Minor V

Small Ensemble I

Instrument Minor VI

Small Ensemble II

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

**Music - Music Therapy - Piano Minor (B.M.)**

The **Bachelor of Music in Music Therapy** program provides the training for the Music Therapy Board Certification Examination.

At the end of Freshman year, all Music Therapy students take a **guitar barrier exam**. Passing the exam is required for continued studies within the Music Therapy major. The exam is taken as part of the Methods and Techniques in Music Therapy course.

After successful completion of all HU academic requirements, students must complete a **Music Therapy Clinical Internship** at an AMTA-approved site. Approval from the program coordinator is required to begin the Internship, after which the student will be qualified to sit for the **Music Therapy Board Certification Examination**.

Applicants with a baccalaureate degree in music who seek admission to the Music Therapy program will have customized programs designed that fulfill all the requirements for the Bachelor of Music in Music Therapy. An audition, transfer of credits (up to 96 credits of courses with the grade of "C" or better from an accredited 4-year institution), and consultation with the program coordinator are required for acceptance as a transfer student or second bachelor's degree candidate.

For their senior project, Music Therapy students can either perform a recital on their principal instrument, or do a presentation based on their clinical work and theoretical knowledge.

Senior project and successful completion of internship are required for graduation.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSJ 101	Music Therapy I	3
MUSO 100	Guitar Instruction	1
MUSE 111	Piano Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

\*Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSJ 110	Method & Tech in Music Thpy	2
MUSJ 111	Practicum I	0
MUSO 110	Guitar Class Therapy	1
MUSE 112	Piano Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Ensemble III - Courses under subject code MU\_ \_.

\*\*Choose between MUSC 110 or MUSI 110.

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3
MUSG 031	Voice Class for Instr Majors	1
MUSD 019	Percussion Instruments	1
MUSE 121	Piano Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSC 011	Music History II	3
MUSJ 102	Music Therapy II	3
MUTF 111	Guitar Ensemble I	1
MUSG 003	Voice Instruction	1
MUSE 122	Piano Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

\*Small Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
PSYC 116	Abnormal Psychology	3
SOCI 001	Introduction to Sociology	3
MUSI 076	Intro to Music Technology I	3
MUSJ 120	Psychology of Music	3
	Practicum II	0
MUSE 131	Piano Minor V	2
	Small Ensemble I	1
MUSB 116	Keyboard Harmony	2
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

\*Small Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
HHPL 102	Human Anatomy (Majors only)	3
HHPL 108	Human Anatomy Lab	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSJ 115	Influence of Music on Behavior	3
MUSJ 116	Practicum III	0
MUSE 132	Piano Minor VI	2
	Small Ensemble II	1
MUSD 058	Instrumental Conducting	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

\*Choose between MUSC 009 or ANTH 110.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
EDUC 331	Special Education	3
MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	3
SOCI 020	Introduction to Social Psych	3
MUSJ 122	Independent Study	3
MUSJ 121	Senior Practicum	2
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year Second Semester

Item #	Title	Credits
MUSJ 135	Music Therapy Internship	1
	<b>Sub-Total Credits</b>	<b>1</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

Physical Education Elective (options: courses under subject code HHPL)

ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

Large Ensemble I

ENGW 103/105

Large Ensemble II

Large Ensemble III

Large Ensemble IV

## Practicum II

### Small Ensemble I

### Small Ensemble II

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## Music - Music Therapy - Voice Minor (B.M.)

The **Bachelor of Music in Music Therapy** program provides the training for the Music Therapy Board Certification Examination.

At the end of Freshman year, all Music Therapy students take a **guitar barrier exam**. Passing the exam is required for continued studies within the Music Therapy major. The exam is taken as part of the Methods and Techniques in Music Therapy course.

After successful completion of all HU academic requirements, students must complete a **Music Therapy Clinical Internship** at an AMTA-approved site. Approval from the program coordinator is required to begin the Internship, after which the student will be qualified to sit for the **Music Therapy Board Certification Examination**.

Applicants with a baccalaureate degree in music who seek admission to the Music Therapy program will have customized programs designed that fulfill all the requirements for the Bachelor of Music in Music Therapy. An audition, transfer of credits (up to 96 credits of courses with the grade of "C" or better from an accredited 4-year institution), and consultation with the program coordinator are required for acceptance as a transfer student or second bachelor's degree candidate.

For their senior project, Music Therapy students can either perform a recital on their principal instrument, or do a presentation based on their clinical work and theoretical knowledge.

Senior project and successful completion of internship are required for graduation.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)



\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Ensemble I - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Physical Education Elective (options: courses under subject code HHPL)	1
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSJ 101	Music Therapy I	3
MUSO 100	Guitar Instruction	1
MUSG 111	Voice Minor I	2
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

\*Ensemble II - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
MATH 006	College Algebra I	3
MUSJ 110	Method & Tech in Music Thpy	2
MUSJ 111	Practicum I	0
MUSO 110	Guitar Class Therapy	1
MUSG 112	Voice Minor II	2
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Ensemble III - Courses under subject code MU\_ \_.

\*\*Choose between MUSC 110 or MUSI 110.

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3
MUSJ 107	Guitar Technique Music Therapy	2
MUSE 110	Functional Piano I/ Music Ther	1
MUSD 019	Percussion Instruments	1
MUSG 121	Voice Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
MUSC 011	Music History II	3
MUSJ 102	Music Therapy II	3
MUTF 111	Guitar Ensemble I	1
MUSE 120	Funtional Piano II (Therapy)	1
MUSE 051	Piano Proficiency Exam	0
MUSG 122	Voice Minor IV	2
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

\*Small Ensemble I - Courses under subject code MU\_.\_.

Item #	Title	Credits
PSYC 116	Abnormal Psychology	3
SOCI 001	Introduction to Sociology	3
MUSD 051	Elementary Choral Conducting	3
MUSI 076	Intro to Music Technology I	3
MUSJ 120	Psychology of Music	3
	Practicum II	0
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

\*Small Ensemble II - Courses under subject code MU\_.\_.

Item #	Title	Credits
HHPL 102	Human Anatomy (Majors only)	3
HHPL 108	Human Anatomy Lab	1
MUSC 008	African & Afro-Amer Music Lit	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
MUSJ 115	Influence of Music on Behavior	3
MUSJ 116	Practicum III	0
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

\*Choose between MUSC 009 or ANTH 110.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
EDUC 331	Special Education	3
MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	3
SOCI 020	Introduction to Social Psych	3
MUSJ 122	Independent Study	3
MUSJ 121	Senior Practicum	2
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSJ 135	Music Therapy Internship	1
	<b>Sub-Total Credits</b>	<b>1</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

Physical Education Elective (options: courses under subject code HHPL)

ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

Large Ensemble I

ENGW 103/105

Large Ensemble II

Large Ensemble III

Large Ensemble IV

Practicum II

Small Ensemble I

General Elective (Options: To be determined in consultation with advisor) (3)

Small Ensemble II

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## Music - Performance Concentration - Instrument (B.M.)

The Performance program focuses on developing the skill level and artistry required of a classical concert performer. Majors in Performance will complete the following minimum music requirements:

- 8 semesters of private lessons
- Qualifying Recital in the Junior Year
- Senior Recital in final semester
- 8 semesters of participation in large departmental ensemble
- 2 semesters of participation in small departmental ensemble
- 4 semesters of music theory
- 1 semester each of Counterpoint and Form and Analysis
- 4 semesters of music history
- 4 semesters of class piano (except piano majors and minors)
- 1 semester of conducting (instrumental or choral)
- 8 semesters of recital attendance

Additional music requirements in pedagogy and literature are required by each specific major (Orchestral Instruments and Guitar, Piano, Voice).

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

## Freshman Year First Semester

\*Instrument Major I - Courses under subject code MU\_ \_.

\*\*Ensemble I - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Major I	3
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

\*Instrument Major II - Courses under subject code MU\_ \_.

\*\*Ensemble II - Courses under subject code MU\_ \_.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
MATH 006	College Algebra I	3
	Instrument Major II	3
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

\*Instrument Major III - Courses under subject code MU\_.\_.

\*\*Ensemble III - Courses under subject code MU\_.\_.

Item #	Title	Credits
HUCO 101	Principles of Speech	3
	Instrument Major III	3
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
	Functional Piano III	1
MUSE 051	Piano Proficiency Exam	0
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

\*Instrument Major IV - Courses under subject code MU\_.\_.

\*\*Ensemble IV - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Social Science Elective	3
	Instrument Major IV	3
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
	Functional Piano IV	1
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

\*Instrument Major V - Courses under subject code MU\_.\_.

\*\*Ensemble V - Courses under subject code MU\_.\_.

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Instrument Major V	3
	Large Ensemble V	1
MUSB 016	Keyboard Harmony	2
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Instrument Major VI - Courses under subject code MU\_ \_.

\*\*Ensemble VI - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Instrument Major VI	3
	Large Ensemble VI	1
MUSB 043	Counterpoint	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 058	Instrumental Conducting	3
MUTO 032	Student Recital VI	0
MUTO 111	Qualifying Recital	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Instrument Major VII	3
	Small Ensemble I	1
MUSB 103	Orchestration	3
MUSD 021	Instrumental Pedagogy	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Philosophy (Elective)	3
	Instrument Major VIII	3
	Small Ensemble II	1
	ARTE 080 or MUSI 076	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

ENGW 101/102/104



ENGW: Placement based on ACTE/SATW scores used by the English department.

Physical Education Elective (options: courses under subject code HHPL)

Instrument Major I

Large Ensemble I

Functional Piano I

ENGW 103/105

Instrument Major II

Large Ensemble II

Functional Piano II

Instrument Major III

Large Ensemble III

Functional Piano III

Social Science Elective

Instrument Major IV

Large Ensemble IV

Functional Piano IV

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Instrument Major V

### Large Ensemble V

### Instrument Major VI

### Large Ensemble VI

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5

PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

General Elective (Options: To be determined in consultation with advisor) (3)

Instrument Major VII

Small Ensemble I

Philosophy (Elective)

Instrument Major VIII

Small Ensemble II

ARTE 080 or MUSI 076

### Music - Performance Concentration - Piano (B.M.)

The Performance program focuses on developing the skill level and artistry required of a classical concert performer. Majors in Performance will complete the following minimum music requirements:

- 8 semesters of private lessons
- Qualifying Recital in the Junior Year
- Senior Recital in final semester
- 8 semesters of participation in large departmental ensemble
- 2 semesters of participation in small departmental ensemble
- 4 semesters of music theory
- 1 semester each of Counterpoint and Form and Analysis
- 4 semesters of music history
- 4 semesters of class piano (except piano majors and minors)

- 1 semester of conducting (instrumental or choral)
- 8 semesters of recital attendance

Additional music requirements in pedagogy and literature are required by each specific major (Orchestral Instruments and Guitar, Piano, Voice). Please refer to the specific course scheme for each major, below.

**Type:** B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

\*Ensemble I - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
	Large Ensemble I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSE 211	Piano Major I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

\*Ensemble II - Courses under subject code MU\_ \_.

Item #	Title	Credits
	ENGW 103/105	3
HUCO 101	Principles of Speech	3
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSE 212	Piano Major II	3
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Ensemble III - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code HHPL)	1
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUSE 153	Vocal Accompanying I	2
MUSE 221	Piano Major III	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*Ensemble IV - Courses under subject code MU\_ \_.

Item #	Title	Credits
	Large Ensemble IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSB 116	Keyboard Harmony	2
MUSC 011	Music History II	3
MUSE 154	Vocal Accompanying	2
MUSE 222	Piano Major IV	3
MUTO 022	Student Recital IV	0
MUTO 111	Qualifying Recital	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSE 171	Piano Literature	2
MUSE 231	Piano Major V	3
	ARTE 080 or MUSI 076	3
MUSZ 111	Piano Trio Minor I	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MUSB 043	Counterpoint	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSE 171	Piano Literature	2
MUSE 232	Piano Major VI	3
MUSZ 112	Piano Trio Minor II	1
MUTO 032	Student Recital VI	0
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
MUSE 157	Piano Pedagogy	2
MUSE 241	Piano Major VII	3
MUSZ 121	Piano Trio Minor III	1
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
	Social Sciences Div. Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
MUSE 158	Piano Pedagogy	2
MUSE 242	Piano Major VIII	3
MUSZ 122	Piano Trio Minor IV	1
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

Large Ensemble I

ENGW 103/105

Large Ensemble II

Physical Education Elective (options: courses under subject code HHPL)

Large Ensemble III

Large Ensemble IV

ARTE 080 or MUSI 076

Philosophy (Elective)

General Elective (Options: To be determined in consultation with advisor) (3)

Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Social Sciences Div. Elective

Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

## Music - Performance Concentration – Voice (B.M.)

The Performance program focuses on developing the skill level and artistry required of a classical concert performer. Majors in Performance will complete the following minimum music requirements:

- 8 semesters of private lessons
- Qualifying Recital in the Junior Year
- Senior Recital in final semester
- 8 semesters of participation in large departmental ensemble
- 2 semesters of participation in small departmental ensemble
- 4 semesters of music theory
- 1 semester each of Counterpoint and Form and Analysis
- 4 semesters of music history
- 4 semesters of class piano (except piano majors and minors)
- 1 semester of conducting (instrumental or choral)
- 8 semesters of recital attendance



Additional music requirements in pedagogy and literature are required by each specific major (Orchestral Instruments and Guitar, Piano, Voice). Please refer to the specific course scheme for each major, below.

Type: B.M.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.M.

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
	Functional Piano I	1
MUSG 156	Diction for Singers	3
MUSG 211	Voice Major I	3
MUTL 011	University Choir I	1
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
	Functional Piano II	1
MUSG 157	Diction or Singers II	2
MUSG 212	Voice Major II	3
MUTL 012	University Choir II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
GERM 001	German I	3
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
	Functional Piano III	1
MUSG 221	Voice Major III	3
MUTL 021	University Choir III	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
GERM 002	German II	3
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
	Functional Piano IV	1
MUSG 222	Voice Major IV	3
MUTL 022	University Choir IV	1
MUTO 022	Student Recital IV	0
MUSE 051	Piano Proficiency Exam	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSG 255	Voice Pedagogy	3
MUSG 171	Opera Ens. Workshop I	1
MUSG 231	Voice Major V	3
MUTL 031	University Choir V	1
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MUSB 016	Keyboard Harmony	2
MUSB 043	Counterpoint	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSG 155	Solo Vocal Literature	2
MUSG 232	Voice Major VI	3
MUTL 032	University Choir VI	1
MUTO 032	Student Recital VI	0
MUTO 111	Qualifying Recital	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
FREN 001	French I	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
MATH 006	College Algebra I	3
MUSG 172	Opera Ens. Workshop II	1
MUSG 241	Voice Major VII	3
MUTL 041	University Choir VII	1
MUTO 041	Student Recital VII	0
THAC 020	Intro Acting: Non-Major	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
FREN 002	French II	3
MUSG 242	Voice Major VIII	3
MUTL 042	University Choir VIII	1
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Functional Piano I

### ENGW 103/105

### Functional Piano II

### Functional Piano III

## Functional Piano IV

Physical Education Elective (options: courses under subject code HHPL)

General Elective (Options: To be determined in consultation with advisor) (3)

Philosophy (Elective)

## Philosophy

### Philosophy (B.A.)

A major in philosophy broadens the mind and widens your horizon. It enables students to deal with the fundamental questions of existence by giving them the tools of critical thinking. Philosophy graduates have pursued and are pursuing degrees at the graduate level and in professional schools in fields such as law, mathematics and medicine

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Minor (Courses level 000 to 299 in identified subject for Minor)

\*\*\*Major Elective (Courses under subject code PHIL)

**Type:** B.A.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	English Writing Course	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
AFRO 005	Intro Afro-American Studies I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Humanities Elective (Options: See Elective Group List Divisional Studies A - Humanities)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Freshman Year Second Semester

\*Philosophy (Courses under subject code PHIL below level 100)

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	English Writing Course	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Philosophy	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Mathematics Elec (Options: Courses under code MATH)	3
	Philosophy or English Writing Course	3
	PHIL 175/151/179	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Mathematics Elec (Options: Courses under code MATH)	3
PHIL 110	Classical Ethics	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
PHIL 150	Epistemology	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	HIST 005/006	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

\*Senior Seminar (TBD after consultation with advisor)

\*\*Honors Thesis (optional)

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Senior Seminar (or other Phil.)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

\*Senior Colloquium or other Philosophy course (optional)

Item #	Title	Credits
PHIL 200	Senior Seminar	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
SLMC 101	Principles of Speech	3
<b>Sub-Total Credits</b>		<b>16</b>
<b>Total credits:</b>		<b>122</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Physical Education Elective (options: courses under subject code HHPL)

### Humanities Elective (Options: See Elective Group List Divisional Studies A - Humanities)

Divisional Studies A* (Options: see Elective Group Descriptions)	3
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### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4

PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

## Philosophy

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3



GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Mathematics Elec (Options: Courses under code MATH)

### Philosophy or English Writing Course

Choose between a Philosophy Writing Course (WRTG) or an English Writing Course.

### PHIL 175/151/179

Choose between PHIL 175, 151, or 179.

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3

HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

Major Elective (Options: To be determined in consultation with advisor) (3)

General Elective (Options: To be determined in consultation with advisor) (3)

### HIST 005/006

Intro Black Diaspora I & Intro Black Diaspora II

Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

Senior Seminar (or other Phil.)

Minor Course (Options: To be determined in consultation with advisor)

## Physics

### Physics (B.S.)

The undergraduate degree in physics is a program created to prepare students to enter graduate studies in physics or to pursue alternative careers in education, industry, medicine, etc.

#### **IMPORTANT:**

- 3 Directed Readings can be replaced by one computer/electronic 3-credit course.
- PHYS 702 Satisfies Writing Across the Curriculum (WAC) requirement.
- \*\*Seminar or Elective is Computer/Computational Physics course.

**Type:** B.S.

Type: B.S.

### Freshman Year First Semester

Item #	Title	Credits
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
MATH 156	Calculus I	4
	English Writing Course	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

Item #	Title	Credits
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
MATH 157	Calculus II	4
	English Writing Course	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
PHYS 015	Intro to Modern Physics	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

### Sophomore Year Second Semester

Item #	Title	Credits
MATH 159	Differential Equations	4
PHYS 175	Thermodynamics	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Directed Readings	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
PHYS 182	Physical Mechanics I	3
PHYS 178	Electricity & Magnetism I	3
CHEM 003	Gen Chemistry I	4
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
PHYS 702	Experimental Physics I	3
	Directed Readings	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

Item #	Title	Credits
	Concentration Elective - Physics	3
	Concentration Elective - Physics	3
CHEM 004	Gen Chemistry II	4
	Divisional Studies B - Social Sciences Elective* open to Freshmen 3 (Options: see Elective Group Descriptions)	
	Philosophy (Elective)	3
	Directed Readings	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

Item #	Title	Credits
PHYS 190	Quantum Physics I	3
	Concentration Elective - Physics	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Thesis - Physics	1
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

\*Seminar or Elective (Courses level 000 to 299)

Item #	Title	Credits
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Concentration Elective - Physics	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Thesis - Physics	1
	Seminar or Elective**	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Physical Education Elective (options: courses under subject code HHPL)

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3

CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

## Directed Readings

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3

GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Concentration Elective - Physics

### Philosophy (Elective)

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### Thesis - Physics

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Seminar or Elective\*\*

## Political Science

### Political Science (B.A.)

A major in political science enables students to acquire a systematic understanding of the formal and informal political process at all levels, in preparation for a career or graduate study. The program prepares students for careers in government, teaching, and research, and for further study in professional and graduate fields such as law, social work, journalism, business and public administration, and public affairs.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (ENGW 102, 103, or 104; ENGW 104 or 105)

\*\*\*Political Science Major Course (Options: Courses under code POLS)

\*\*\*\*Minor Concentration Course (Courses level 000 to 299 in identified subject for Minor)

\*\*\*\*\* Political Theory course options include POLS 004, 189, or 191

**Type:** B.A.

### Freshman Year First Semester

Item #	Title	Credits
POLS 001	Introduction to Political Science	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
MATH 006	College Algebra I	3
	English Writing Course	3
FRSM 001	Freshman Seminar	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>



## Freshman Year Second Semester

Item #	Title	Credits
POLS 010	Nat'l Gov't of the U S	3
	Mathematics Elec (Options: Courses under code MATH)	3
	English Writing Course	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
POLS 002	Intro to Research in Pol Sci	3
SLMC 101	Principles of Speech	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Writing Course	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Political Theory Course	3
PHIL 055	Intro to Philosophy	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

Item #	Title	Credits
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Health Sciences Elective (Options: Courses in code HLMN)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	Minor Concentration Course (Options: To be determined in consultation with advisor)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year First Semester

Item #	Title	Credits
	Minor Concentration Course (Options: To be determined in consultation with advisor)	3
	Minor Concentration Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Minor Concentration Course (Options: To be determined in consultation with advisor)	3
	Minor Concentration Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### English Writing Course

ENGW 101, 102, or 104 First Semester

**Foreign Language \* (Options: see Elective Group Descriptions)**

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

**Mathematics Elec (Options: Courses under code MATH)**

**Physical Education Elective (options: courses under subject code HHPL)**

**Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)**

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4

Writing CoursePolitical Theory Course

Political Theory Course Options: POLS 004, 189, or 191

Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

General Elective (Options: To be determined in consultation with advisor) (3)Political Science Major Course (Options: To be determined in consultation with advisor)Health Sciences Elective (Options: Courses in code HLMN)Minor Concentration Course (Options: To be determined in consultation with advisor)

## Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

### Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

## Psychology

### Psychology (B.S.)

A major in psychology gives students the opportunity to study the field through examination of significant experiments, theories, and applications. Knowledge of psychology is an important component of a liberal education, in addition to its value in preparing you for graduate work in psychology and related fields. This major will prepare students for an entry-level position in many corporations and government agencies.

NOTES: Students should meet with a Psychology Faculty Advisor ASAP to stay on track toward graduation.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Major Elective Course Options (See Psychology Major Elective Course Options)

\*\*\*Minor Elective (Courses level 000 to 299 in identified subject for Minor)

Type: B.S.

## Freshman Year First Semester

\*Divisional A Course - Recommended: (AFRO Cluster DIV A)

Item #	Title	Credits
PSYC 016	Psychology New Student Orientation	1
PSYC 001	Foundations of Psyc Science	4
FRSM 001	Freshman Seminar	1
	MATH 006/007	3-4
ENGW 102	Expository Wrtg & Literacy Stu	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
PSYC 002	Research Design & Analysis	4
MATH 009	Introduction to Statistics	4
ENGW 103	Persuasive Writing & Research	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*HHPL (Activity) and (Swimming)

Item #	Title	Credits
PSYC 003	Statistics I (Lec/Lab)	4
	Foreign Language (Level 2+)	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*3rd Writing Course (recommended: PSYC WAC course)

Item #	Title	Credits
PSYC 004	Statistics II (Lec/Lab)	4
	Psychology Core Course	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Writing Course	3
	Foreign Language (Level 3+)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
	Psychology Core Course	3
	Psychology Core Course	3
	Philosophy (Elective)	3
	Foreign Language (Level 4+)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Major Elective - PSYC Elective (Cluster 1)

Item #	Title	Credits
	Psychology Core Course	3
	Psychology Major Elective Courses	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year First Semester

\*Major Elective 1 - PSYC Elective (Cluster 2)

\*\*Major Elective 2 - PSYC Elective (Cluster 3) OR African American Cluster (only required if not previously satisfied)

\*\*\*HHPL Elective (Activity)

Item #	Title	Credits
PSYC 011	Capstone Senior Seminar	1
	Psychology Major Elective Courses	3
	Psychology Major Elective Courses	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	HHPL 159/160/175	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Major Elective 1 - PSYC Elective (pick 1 from any cluster)

Item #	Title	Credits
	Major Elective/Senior Research (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### MATH 006/007

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
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CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Foreign Language \* (Options: see Elective Group Descriptions)**

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3

Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Foreign Language (Level 2+)

### Physical Education Elective (options: courses under subject code HHPL)

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3

AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### Psychology Core Course

Core Content Domain Courses

(Choose any 4 courses)

PSYC 020 Abnormal Psychology or PSYC 716 (WAC)

PSYC 021 Cognitive Psychology

PSYC 022 Developmental Psychology

PSYC 023 Neuropsychology

PSYC 024 Personality Psychology or PSYC 723 (WAC)

PSYC 025 Social Psychology

Minor Elective (Options: To be determined in consultation with advisor)

### Writing Course

### Foreign Language (Level 3+)

## Philosophy (Elective)

## Foreign Language (Level 4+)

## Psychology Major Elective Courses

Electives

(9 credit hours required; with at least one

course from Cluster 1 and one from Cluster II)

PSYC 030	Psychology of the Black ExperienceI
PSYC 031	Cross Cultural PsychologyI
PSYC 032	Psychology of GenderI
PSYC 033	Race and RacismI
PSYC 034	Intro to Clinical PsychologyII
PSYC 035	Health PsychologyII
PSYC 036	Learning and MemoryII
PSYC 037	Educational PsychologyII
PSYC 038	Psychology of MediaII
PSYC 012	Seminar in Current Topics: TBDII
PSYC 040/1	PracticumIII
PSYC 042/3	Independent Research StudyIII
PSYC 044/5	InternshipIII
PSYC 017	Psychology Research ColloquiumIII
PSYC 013	Advanced Seminar in Quantitative Research MethodsIV
PSYC 014	Advanced Seminar in Qualitative Research MethodsIV

\*Students must earn a grade of "B" or better in the Introductory courses for the major.

\*Students must earn a grade of "C" or better in all other courses for the major.

I denotes Cluster I: Sociocultural Courses; II denotes Cluster II: Special Topics Courses; III denotes Cluster III: Integrative Experiences;

IV denotes Cluster IV: Advanced Methodology and Statistics Courses

## HHPL 159/160/175

Choose from HHPL 159, 160, 175

## Major Elective/Senior Research (Options: To be determined in consultation with advisor)

# Sociology

## Sociology (B.A.)

Sociology is the study of social life and the social causes and consequences of human behavior. The Sociology undergraduate program offers courses such as research methods, statistics, theory, computer based social science research and social organization and demographic analysis. This goal of this program is to equip students for employment in a wide range of occupational fields in the public and private sector, such as social research, the health professions, business, social service, and data processing. Sociology is a popular undergraduate major for students planning to further studies in such professions as law, business, education, social work and public administration.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Major Elective/Sociology Elective (Options: Courses under subject code SOCI)

\*\*\*\*Minor Course (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
ENGL 002	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
SOCI 001	Introduction to Sociology	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	HHPL 159/160/175	1
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGL 003	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
HHPL 002	Beginning Swimming	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Writing Course	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	MATH 006/001	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Foreign Language * (Options: see Elective Group Descriptions)	3
	MATH 007/002	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Sociology Elective - Departmental Elective

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 101	Principles of Speech	3
	Sociology Elective	3
	Sociology Elective	3
SOCI 110	Elementary Statistics	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Sociology Elective - Departmental Elective

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	SOCI 100/700	3
SOCI 111	Sociological Methods	3
	Race, Class, & Gender OR Social Psychology	3
	Sociology Elective	3
	Sociology Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Sociology Elective - Departmental Elective

Item #	Title	Credits
	Sociology Elective	3
	Sociology Elective	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Sociology Elective - Departmental Elective

Item #	Title	Credits
	Sociology Elective	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A



SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

### HHPL 159/160/175

Choose from HHPL 159, 160, 175

### Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3

GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

### Writing Course

### MATH 006/001

Choose between MATH 006 and 001

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### MATH 007/002

Choose between MATH 007 and 002

### Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)

### General Elective (Options: To be determined in consultation with advisor) (3)

### Sociology Elective

### Minor Course (Options: To be determined in consultation with advisor)

## SOCI 100/700

Choose between SOCI 100 - Social Theory & Society (3crs) and SOCI 700 - Soc Theory Writing (3crs).

## Race, Class, & Gender OR Social Psychology

# Theatre Arts

## Theatre Arts - Acting (B.F.A.)

The Department of Theatre Arts is committed to the training of knowledgeable theatre artists, theorists, historians, and teachers in the theatre arts. The Department is dedicated to the principle of developing the highest quality of theatre art, and to the serious investigation and perpetuation of the experiences and aesthetics of Black theatre.

### Objectives

1. To train and educate theatre artist-scholars by providing students with a broad-based foundation of theatre process and practice.
2. To provide students with diverse theatre experiences and to investigate and perpetuate the aesthetics of African-American theatre.
3. To provide students with a knowledge of and appreciation for related Fine and Performing Arts disciplines and how they are integrated into the practice of theatre.
4. To provide students with the basic techniques necessary for performance in theatre, film and television. The curriculum for each area of concentration is administered by an Area Coordinator who is appointed by the Chairman of the Department. Students enrolled in a Theatre Arts program shall be advised by the appropriate Area Coordinator. All Theatre Arts students must officially declare an area of concentration and successfully complete an audition and/or interview in that area.

**IMPORTANT:** FRSM 001 required for new entrants only, all others must satisfy this credit hour with an elective.

Basic Stagecraft course only offered in the Spring semester.

+ Students must check with advisor for honors course equivalents

**Type:** B.F.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.F.A.

## Freshman Year First Semester

Item #	Title	Credits
THAC 021	Acting Tech I-Acting Majors	3
THAC 014	Voice for the Stage-Major only	3
THAC 025	Movement I-Majors Only	2
THFD 080	Play Analysis	3
THDN 053	Dance Fundamentals I	2
	Freshman Composition	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

Item #	Title	Credits
THAC 022	Act Tech II-Theatre Majors	3
THAC 015	Diction for the Stage	3
THAC 054	Fund. of Dance II	2
	THTT 058/101	3
	Freshman Composition	3
THFD 081	Play Reading	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
THAC 023	Act Char/Scene St I-Acting Mjr	3
THFD 180	Theatre History I	3
	PSYC 050 or SOCI 003	3
	THTT 203/057	3
	THTT 207/156	3
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

\*THFD 186 (optional)

Item #	Title	Credits
THAC 024	Act Chcter/Scene Std II-Majors	3
THFD 181	Theatre History II	3
	THTT 059/102	3
	THTT 105/052/053	3
THAC 030	Beginning Directing	3
THFD 186	Honors Directed Studies I	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
THAC 120	Act:Ch-Scene Stdy 3/Lab-Mjrs	4
ARTH 161	Art Appreciation	3
ENGL 104	Sophomore Sem I	3
THAC 001	Production Practicum I	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

Item #	Title	Credits
THAC 121	Act: Ch-Scene Study IV/Lab	4
THAC 017	Speech for Mic/Lab-Majors Only	3
ENGL 015	Humanities II	3
THFD 203	Shakespeare for Actors-Majors	3
THAC 209	Drama Internship	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
THAC 122	Acting: Styles I-Majors Only	3
THAC 106	Acting for Television & Film	3
PHIL 055	Intro to Philosophy	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
THAC 130	Rehearsal and Perf	6
MUTP 100	Blacks in the Arts	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

THTT 058/101

Choose between THTT 058 and THTT 101

**PSYC 050 or SOCI 003**

PSYC 050	Intro to Psychology	3
SOCI 003	Social Problems	3

**THTT 203/057**

Choose between THTT 203 and THTT 057

**THTT 207/156**

Choose between THTT 207 and THTT 156

**THTT 059/102**

Choose between THTT 059 and THTT 102

**THTT 105/052/053**

Choose between THTT 105, 052, or 053

**General Elective (Options: To be determined in consultation with advisor) (3)**

**Theatre Arts - Dance (B.F.A.)**

The Department of Theatre Arts is committed to the training of knowledgeable theatre artists, theorists, historians, and teachers in the theatre arts. The Department is dedicated to the principle of developing the highest quality of theatre art, and to the serious investigation and perpetuation of the experiences and aesthetics of Black theatre.

**Objectives**

1. To train and educate theatre artist-scholars by providing students with a broad-based foundation of theatre process and practice.
2. To provide students with diverse theatre experiences and to investigate and perpetuate the aesthetics of African-American theatre.
3. To provide students with a knowledge of and appreciation for related Fine and Performing Arts disciplines and how they are integrated into the practice of theatre.
4. To provide students with the basic techniques necessary for performance in theatre, film and television. The curriculum for each area of concentration is administered by an Area Coordinator who is appointed

by the Chairman of the Department. Students enrolled in a Theatre Arts program shall be advised by the appropriate Area Coordinator. All Theatre Arts students must officially declare an area of concentration and successfully complete an audition and/or interview in that area.

FRSM 001 REQUIRED FOR NEW ENTRANTS ONLY, HOWEVER, ALL OTHERS MUST SATISFY THIS CREDIT HOUR REQUIREMENT WITH AN ELECTIVE.

THTT 052 Course offered in the SPRING SEMESTER ONLY.

^ALL THEATRE ARTS ADMINISTRATION MAJORS ARE REQUIRED TO SERVE AS AN ASSISTANT STAGE MANAGER and/or A STAGE MANAGER AT LEAST ONCE PRIOR TO GRADUATION.

NOTE: Many of the courses listed have laboratory hours. Laboratory hours allow for practical application of the theoretical approach addressed in both classroom exercise and lectures. Lab hours vary depending on the expectations and/or demands of the class/production. All students should anticipate committing additional time outside of classroom instruction for Lab work.

+Honors Students are required to take THFD-186 – Directed Study AND ++THFD-187 Honors Thesis

\*RESTRICTED ELECTIVES: HUCO-410 Conflict Mgmt & Negotiation Strategy; JOUR-206 Intro. To Advertising; THFD-081 Play Reading;

THTA-206 Entrepreneurship in the Entertainment Industry; MKTG-360 Computer Applications in Marketing; MKTG-370 Services Marketing

Elective/Hnr.s Course JUNIOR OR SENIOR LEVEL STUDENT ONLY OR WITH CONSENT OF COURSE INSTRUCTOR.

NOTE: STUDENTS ARE RESPONSIBLE FOR THE TOTAL NUMBER OF HOURS FOR GRADUATION. IF A COURSE IS NOT OFFERED, THE STUDENT MUST MAKE-UP THE HOURS IN COURSES APPROVED BY THE COORDINATOR. STUDENTS MUST FOLLOW THE CURRICULUM SCHEME AS PRINTED OR THEY MAY JEOPARDIZE THEIR GRADUATING WITHIN A 4-YEAR TIME PERIOD.

**Type:** B.F.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.F.A.

### Freshman Year First Semester

Item #	Title	Credits
THDN 076	Dnc Tech I Bal/Mod/Afr & Sem	2
THDN 067	Kines. Character Develop & Sto	3
	THFD 201 or NUTR 106	3
	ENGW 101/102	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>15</b>



## Freshman Year Second Semester

Item #	Title	Credits
THDN 077	Dance Tech II Bal/Mod/Afr Sem	2
MATH 006	College Algebra I	3
ENGW 103	Persuasive Writing & Research	3
THTT 057	Stage Make-up Lab	3
THDN 021	Dance Comp I (Dnc Mjrs)	2
THDN 199	Dance/Theatre Practicum	2
HHPL 002	Beginning Swimming	1
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>19</b>

## Sophomore Year First Semester

Item #	Title	Credits
THDN 007	Ballet I	2
THDN 015	African Dance I Majors	2
THDN 031	Anat/Kinesiology	3
THDN 022	Dance Composition II	2
THDN 001	Modern I	2
THDN 029	Dance Hist I WRTG	3
THTT 205	Model Building	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
THDN 008	Ballet II	2
THDN 037	Methods of Teaching	3
THDN 002	Modern II	2
THTT 207	Stage Management	3
THDN 016	African Dance II	2
THDN 023	Dance Comp III (Dnc Mjrs)	2
	PSYC 050 or SOCI 020	3
THDN 030	Dance History II: Afr Diasp	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

Item #	Title	Credits
THDN 009	Ballet III	2
THDN 024	Dance Composition IV	2
THDN 003	Modern III	2
THDN 017	African Dance III	3
THMT 041	Int to Theory for Music Thea	3
THDN 062	Contemporary Trends in Dance I	2
	ARTH 161/164	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

Item #	Title	Credits
THDN 010	Major Ballet IV	2
THDN 004	Modern Dance Technique IV	2
THDN 046	Major African Perf Workshop	2
THDN 075	Contemporary Trends in Dance I	2
THDN 071	Dance Major Movement Tech	2
THDN 200	Dance/Theatre Practicum	2
	HHPL 011/061	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year First Semester

Item #	Title	Credits
THAT 191	Fundraising for the Arts	3
THDN 065	Beginning Tap	2
THMT 067	Jazz I-Majors Only	2
THDN 036	Dance Senior Seminar w/Lab	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
THAT 191	Fundraising for the Arts	3
THDN 065	Beginning Tap	2
THMT 067	Jazz I-Majors Only	2
THDN 036	Dance Senior Seminar w/Lab	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>125</b>

## Category Descriptions

### THFD 201 or NUTR 106

Choose between THFD 201 or NUTR 106

### ENGW 101/102

Choose between ENGW 101 OR ENGW 102

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### PSYC 050 or SOCI 020

Choose between PSYC 050: Introductory Psychology (Non-Majors/Non-Minors Only) (3crs) and SOCI 020: Introduction to Social Psychology (3crs).

PSYC 050	Intro to Psychology	3
SOCI 020	Introduction to Social Psych	3

### ARTH 161/164

Choose between ARTH 161 OR ARTH 164

### HHPL 011/061

### General Elective (Options: To be determined in consultation with advisor) (3)

## Theatre Arts - Design and Technical Management (B.F.A.)

The Department of Theatre Arts is committed to the training of knowledgeable theatre artists, theorists, historians, and teachers in the theatre arts. The Department is dedicated to the principle of developing the highest quality of theatre art, and to the serious investigation and perpetuation of the experiences and aesthetics of Black theatre.

### Objectives

1. To train and educate theatre artist-scholars by providing students with a broad-based foundation of theatre process and practice.
2. To provide students with diverse theatre experiences and to investigate and perpetuate the aesthetics of African-American theatre.
3. To provide students with a knowledge of and appreciation for related Fine and Performing Arts disciplines and how they are integrated into the practice of theatre.
4. To provide students with the basic techniques necessary for performance in theatre, film and television. The curriculum for each area of concentration is administered by an Area Coordinator who is appointed

by the Chairman of the Department. Students enrolled in a Theatre Arts program shall be advised by the appropriate Area Coordinator. All Theatre Arts students must officially declare an area of concentration and successfully complete an audition and/or interview in that area.

FRSM 001 REQUIRED FOR NEW ENTRANTS ONLY, HOWEVER, ALL OTHERS MUST SATISFY THIS CREDIT HOUR REQUIREMENT WITH AN ELECTIVE.

THTT 052 Course offered in the SPRING SEMESTER ONLY.

^ALL THEATRE ARTS ADMINISTRATION MAJORS ARE REQUIRED TO SERVE AS AN ASSISTANT STAGE MANAGER and/or A STAGE MANAGER AT LEAST ONCE PRIOR TO GRADUATION.

NOTE: Many of the courses listed have laboratory hours. Laboratory hours allow for practical application of the theoretical approach addressed in both classroom exercise and lectures. Lab hours vary depending on the expectations and/or demands of the class/production. All students should anticipate committing additional time outside of classroom instruction for Lab work.

+Honors Students are required to take THFD-186 – Directed Study AND ++THFD-187 Honors Thesis

\*RESTRICTED ELECTIVES: HUCO-410 Conflict Mgmt & Negotiation Strategy; JOUR-206 Intro. To Advertising; THFD-081 Play Reading;

THTA-206 Entrepreneurship in the Entertainment Industry; MKTG-360 Computer Applications in Marketing; MKTG-370 Services Marketing

Elective/Hnr.s Course JUNIOR OR SENIOR LEVEL STUDENT ONLY OR WITH CONSENT OF COURSE INSTRUCTOR.

NOTE: STUDENTS ARE RESPONSIBLE FOR THE TOTAL NUMBER OF HOURS FOR GRADUATION. IF A COURSE IS NOT OFFERED, THE STUDENT MUST MAKE-UP THE HOURS IN COURSES APPROVED BY THE COORDINATOR. STUDENTS MUST FOLLOW THE CURRICULUM SCHEME AS PRINTED OR THEY MAY JEOPARDIZE THEIR GRADUATING WITHIN A 4-YEAR TIME PERIOD.

**Type:** B.F.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.F.A.

### Freshman Year First Semester

Item #	Title	Credits
	THTT 101/102	3
THTT 103	Hand Drafting	3
THTT 105	Intro to Design	3
FRSM 001	Freshman Seminar	1
	ENGW 101/102	3
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	THTT 101/102	3
THTT 104	Computer Aided Drafting	3
THTT 106	Drawing & Painting Skills	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
ENGW 103	Persuasive Writing & Research	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	THTT 201/202	3
	THTT 203/205/207	3
THFD 180	Theatre History I	3
THFD 080	Play Analysis	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	THTT 201/202	3
	THTT 204/208	3
THFD 181	Theatre History II	3
THAC 030	Beginning Directing	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
THTT 301	Design/Tech. Practicum O	3
THTT 303	Design Studio I	3
THTT 305	Period Styles I	3
	THTT 307/309/311	3
THTT 313	Portfolio	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
THTT 302	Design/Tech Practicum II	3
THTT 304	Design Studio II	3
THTT 306	Period Styles II	3
	THTT 308/312 - THTA 094	3
THTT 314	Bus of the Entertain. Industry	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTT 401	Design/Tech Practicum	3
THTT 403	Design Studio III	3
	THTT 405/407	3
THTT 409	Design/Tech. Internship	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTT 402	Design/Tech. Practicum IV	3
THTT 404	Design Studio IV	3
THTT 406	Electronic Visualization	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### THTT 101/102

### ENGW 101/102

Choose between ENGW 101 OR ENGW 102

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

## THTT 201/202

## THTT 203/205/207

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## THTT 204/208

## THTT 307/309/311

## THTT 308/312 - THTA 094

Choose between THTT 308, THTT 312, or THTA 094.

## THTT 405/407

### General Elective (Options: To be determined in consultation with advisor) (3)

## Theatre Arts - Musical Theatre (B.F.A.)

The Department of Theatre Arts is committed to the training of knowledgeable theatre artists, theorists, historians, and teachers in the theatre arts. The Department is dedicated to the principle of developing the highest quality of theatre art, and to the serious investigation and perpetuation of the experiences and aesthetics of Black theatre.

### Objectives

1. To train and educate theatre artist-scholars by providing students with a broad-based foundation of theatre process and practice.

2. To provide students with diverse theatre experiences and to investigate and perpetuate the aesthetics of African-American theatre.
3. To provide students with a knowledge of and appreciation for related Fine and Performing Arts disciplines and how they are integrated into the practice of theatre.
4. To provide students with the basic techniques necessary for performance in theatre, film and television. The curriculum for each area of concentration is administered by an Area Coordinator who is appointed by the Chairman of the Department. Students enrolled in a Theatre Arts program shall be advised by the appropriate Area Coordinator. All Theatre Arts students must officially declare an area of concentration and successfully complete an audition and/or interview in that area.

FRSM 001 REQUIRED FOR NEW ENTRANTS ONLY, HOWEVER, ALL OTHERS MUST SATISFY THIS CREDIT HOUR REQUIREMENT WITH AN ELECTIVE.

THTT 052 Course offered in the SPRING SEMESTER ONLY.

^ALL THEATRE ARTS ADMINISTRATION MAJORS ARE REQUIRED TO SERVE AS AN ASSISTANT STAGE MANAGER and/or A STAGE MANAGER AT LEAST ONCE PRIOR TO GRADUATION.

NOTE: Many of the courses listed have laboratory hours. Laboratory hours allow for practical application of the theoretical approach addressed in both classroom exercise and lectures. Lab hours vary depending on the expectations and/or demands of the class/production. All students should anticipate committing additional time outside of classroom instruction for Lab work.

+Honors Students are required to take THFD-186 – Directed Study AND ++THFD-187 Honors Thesis

\*RESTRICTED ELECTIVES: HUCO-410 Conflict Mgmt & Negotiation Strategy; JOUR-206 Intro. To Advertising; THFD-081 Play Reading;

THTA-206 Entrepreneurship in the Entertainment Industry; MKTG-360 Computer Applications in Marketing; MKTG-370 Services Marketing

Elective/Hnr.s Course JUNIOR OR SENIOR LEVEL STUDENT ONLY OR WITH CONSENT OF COURSE INSTRUCTOR.

NOTE: STUDENTS ARE RESPONSIBLE FOR THE TOTAL NUMBER OF HOURS FOR GRADUATION. IF A COURSE IS NOT OFFERED, THE STUDENT MUST MAKE-UP THE HOURS IN COURSES APPROVED BY THE COORDINATOR. STUDENTS MUST FOLLOW THE CURRICULUM SCHEME AS PRINTED OR THEY MAY JEOPARDIZE THEIR GRADUATING WITHIN A 4-YEAR TIME PERIOD.

**Type:** B.F.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.F.A.



### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
ENGL 002	Freshman Composition	3
THAC 021	Acting Tech I-Acting Majors	3
THDN 053	Dance Fundamentals I	2
THMT 111	Voice - Music Thea-Mjrs Only	1
THMT 301	Piano for Musical- Theatre II	1
THMT 041	Int to Theory for Music Thea	3
	THTT 058/101	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
	Psychology or Sociology	3
ENGL 003	Freshman Composition	3
THAC 022	Act Tech II-Theatre Majors	3
THDN 054	Dance Fund II (Thea Arts Mjrs)	2
THMT 112	Voice - Music Thea-Mjrs Only	1
THMT 302	Piano for Musical Theatre II	1
THMT 042	Ele. Ear Tr/S.S. I	2
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
THAC 023	Act Char/Scene St I-Acting Mjr	3
THDN 055	Dance Fundamentals III	2
THMT 113	Voice - Music Thea-Mjrs Only	1
THMT 043	Ear Train/SS II Music Thea	2
THAC 015	Diction for the Stage	3
	THTT 059/102	3
	THTT 057/203	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year Second Semester

Item #	Title	Credits
THAC 024	Act Chcter/Scene Std II-Majors	3
THDN 056	Dance Fundamentals IV	2
THMT 114	Voice - Music Thea-Mjrs Only	1
THMT 044	Musical Theatre Standards	2
THFD 080	Play Analysis	3
	THTT 105/052/053	3
THMT 105	History of Musical Theatre	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THMT 028	Charctr/Scene Stdy-Music Thea	3
THDN 065	Beginning Tap	2
THMT 115	Voice - Music Thea-Mjrs Only	1
THMT 101	Musical Theatre Techniques I (THMT 101)	3
THFD 180	Theatre History I	3
ARTH 161	Art Appreciation	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THMT 029	Charact/Scene Stdy II-M. Thea	3
THDN 066	Dance Fundamentals III	2
THMT 116	Voice - Music Thea-Mjrs Only	1
THMT 102	Music Theatre Tech II-Majors	3
THFD 181	Theatre History II	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 014	Intro to Humanities I	3
ENGL 009	Tech Writing Pre-Professional	3
THMT 067	Jazz I-Majors Only	2
THMT 117	Voice-Music Thea-Mjrs Only	1
THMT 102	Music Theatre Tech II-Majors	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 015	Humanities II	3
THMT 068	Jazz II	2
THMT 118	Voice - Music Thea-Mjrs Only	2
THMT 104	Music Theatre Tech IV-Majors	3
	Restricted (Elective) - Music Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### THTT 058/101

Choose between THTT 058 and THTT 101

## Psychology or Sociology

### THTT 059/102

Choose between THTT 059 and THTT 102

### THTT 057/203

### THTT 105/052/053

Choose between THTT 105, 052, or 053

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Restricted (Elective) - Music Elective

## **Theatre Arts - Theatre Administration (B.F.A.)**

The Department of Theatre Arts is committed to the training of knowledgeable theatre artists, theorists, historians, and teachers in the theatre arts. The Department is dedicated to the principle of developing the highest quality of theatre art, and to the serious investigation and perpetuation of the experiences and aesthetics of Black theatre.

### **Objectives**

1. To train and educate theatre artist-scholars by providing students with a broad-based foundation of theatre process and practice.
2. To provide students with diverse theatre experiences and to investigate and perpetuate the aesthetics of African-American theatre.
3. To provide students with a knowledge of and appreciation for related Fine and Performing Arts disciplines and how they are integrated into the practice of theatre.
4. To provide students with the basic techniques necessary for performance in theatre, film and television. The curriculum for each area of concentration is administered by an Area Coordinator who is appointed

by the Chairman of the Department. Students enrolled in a Theatre Arts program shall be advised by the appropriate Area Coordinator. All Theatre Arts students must officially declare an area of concentration and successfully complete an audition and/or interview in that area.

FRSM 001 REQUIRED FOR NEW ENTRANTS ONLY, HOWEVER, ALL OTHERS MUST SATISFY THIS CREDIT HOUR REQUIREMENT WITH AN ELECTIVE.

THTT 052 Course offered in the SPRING SEMESTER ONLY.

^ALL THEATRE ARTS ADMINISTRATION MAJORS ARE REQUIRED TO SERVE AS AN ASSISTANT STAGE MANAGER and/or A STAGE MANAGER AT LEAST ONCE PRIOR TO GRADUATION.

NOTE: Many of the courses listed have laboratory hours. Laboratory hours allow for practical application of the theoretical approach addressed in both classroom exercise and lectures. Lab hours vary depending on the expectations and/or demands of the class/production. All students should anticipate committing additional time outside of classroom instruction for Lab work.

+Honors Students are required to take THFD-186 – Directed Study AND ++THFD-187 Honors Thesis

\*RESTRICTED ELECTIVES: HUCO-410 Conflict Mgmt & Negotiation Strategy; JOUR-206 Intro. To Advertising; THFD-081 Play Reading;

THTA-206 Entrepreneurship in the Entertainment Industry; MKTG-360 Computer Applications in Marketing; MKTG-370 Services Marketing

Elective/Hnr.s Course JUNIOR OR SENIOR LEVEL STUDENT ONLY OR WITH CONSENT OF COURSE INSTRUCTOR.

NOTE: STUDENTS ARE RESPONSIBLE FOR THE TOTAL NUMBER OF HOURS FOR GRADUATION. IF A COURSE IS NOT OFFERED, THE STUDENT MUST MAKE-UP THE HOURS IN COURSES APPROVED BY THE COORDINATOR. STUDENTS MUST FOLLOW THE CURRICULUM SCHEME AS PRINTED OR THEY MAY JEOPARDIZE THEIR GRADUATING WITHIN A 4-YEAR TIME PERIOD.

**Type:** B.F.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.F.A.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTA 090	Intro to Theatre Mgmt I	3
	THTT 058/101	3
THTT 105	Intro to Design	3
	ENGW 101/102	3
THFD 080	Play Analysis	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTA 091	Intro to Theatre Mgmt II	3
	THTT 059/102	3
THTA 156	Stage Management	3
ENGW 103	Persuasive Writing & Research	3
	THTT 203/204	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THAC 020	Intro Acting: Non-Major	3
THTA 001	Theatre Arts Admin Lab I	1
THTA 212	Human Resource Management	3
THDN 300	Dance for Non-Majors	2-3
ECON 180	Statistics for Business and Economics	3
	THFD 180 OR THDN 029	3
	<b>Sub-Total Credits</b>	<b>15-16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTA 208	Finance Management	3
THTA 002	Theatre Arts Admin Lab II	1
	THFD 181 OR THDN 030	3
ENGL 009	Tech Writing Pre-Professional	3
HUCO 101	Principles of Speech	3
	Restricted Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THAC 030	Beginning Directing	3
THTA 003	Theatre Arts Admin Lab III	1
SLMC 210	Intro to Strategic Communication	3
THTA 211	Arts and Innovation	3
THTA 094	Prod Mgmt (Theatre Arts Mjrs)	3
	THTT 203/204	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTA 207	SP: Leading in Changing Societ	3
THTA 004	Theatre Arts Admin Lab IV	1
ARTH 161	Art Appreciation	3
MJFC 200	Intro to Media Production	3
	PSYC 050 or SOCI 020	3
	Restricted Elec. or Honors Course	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTA 191	Fundraising for the Arts	3
THTA 209	Drama Internship	3
MUSI 032	Intro Entertainment law	3
THTA 005	Theatre Arts Admin Lab V	2
	Restricted Elec. or Honors Course	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUTP 100	Blacks in the Arts	3
THTA 190	Seminar in Theatre Admin	3
	THAT 089 OR PHIL 055 OR THFD 081	3
	Restricted Elec. or Honors Course	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120-121</b>

## Category Descriptions

### THTT 058/101

Choose between THTT 058 and THTT 101

### ENGW 101/102

Choose between ENGW 101 OR ENGW 102

### THTT 059/102

Choose between THTT 059 and THTT 102

### THTT 203/204

Choose between THTT 203 OR THTT 204

**THFD 180 OR THDN 029**

Choose between THFD 180 or THDN 029

**THFD 181 OR THDN 030**

Choose between THFD 181 OR THDN 030

**Restricted Elective**

Choose between: HUCO 410; JOUR 206; THFD 081; THTA 206; THTA 096

**PSYC 050 or SOCI 020**

Choose between PSYC 050: Introductory Psychology (Non-Majors/Non-Minors Only) (3crs) and SOCI 020: Introduction to Social Psychology (3crs).

PSYC 050	Intro to Psychology	3
SOCI 020	Introduction to Social Psych	3

**Restricted Elec. or Honors Course**

Choose between: HUCO 410; JOUR 206; THFD 081; THTA 206; THTA 096

**THAT 089 OR PHIL 055 OR THFD 081**

Choose between THAT 089 OR PHIL 055 OR THFD 081

**Theatre Technology (B.F.A.)**

The Department of Theatre Arts is committed to the training of knowledgeable theatre artists, theorists, historians, and teachers in the theatre arts. The Department is dedicated to the principle of developing the highest quality of theatre art, and to the serious investigation and perpetuation of the experiences and aesthetics of Black theatre.

**Objectives**

1. To train and educate theatre artist-scholars by providing students with a broad-based foundation of theatre process and practice.
2. To provide students with diverse theatre experiences and to investigate and perpetuate the aesthetics of African-American theatre.

3. To provide students with a knowledge of and appreciation for related Fine and Performing Arts disciplines and how they are integrated into the practice of theatre.
4. To provide students with the basic techniques necessary for performance in theatre, film and television. The curriculum for each area of concentration is administered by an Area Coordinator who is appointed by the Chairman of the Department. Students enrolled in a Theatre Arts program shall be advised by the appropriate Area Coordinator. All Theatre Arts students must officially declare an area of concentration and successfully complete an audition and/or interview in that area.

\*One Theatre Practicum class must be taken EVERY semester the student is enrolled (except the semesters that the classes in Technical Production and Drama Internship are being taken).

FRSM 001 REQUIRED FOR NEW ENTRANTS ONLY, HOWEVER, ALL OTHERS MUST SATISFY THIS CREDIT HOUR REQUIREMENT WITH AN ELECTIVE.

^All three courses: BASIC STAGE LIGHTING, COSTUME FOR THE STAGE, and BASIC STAGECRAFT are required, but they can be taken in any order.

NOTE: Students are responsible for the total number of hours. Theatre Technology students are required to present their portfolios for faculty review EACH semester.

\*\*\*Those students participating in the Honors program must take THFD-186 (1 credit) Honors Directed Studies in their Junior year and THFD-187 (3 credits) Honors Thesis in their Senior year.

~It is recommended that the course: Drama Internship in Technical Theatre be taken during the summer prior to the Junior or Senior year.

SUGGESTED ELECTIVES: An additional College Algebra course, Drawing I, Intro to Photography, Interior Design, Fashion Design, Computers in the Arts, Fundraising for the Arts, an additional Social Science, additional Foreign Language, and an Interdisciplinary Course.

**Type:** B.F.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.F.A.

### Freshman Year First Semester

Item #	Title	Credits
THTT 058	Tech Production I	3
THDN 300	Dance for Non-Majors	2-3
THFD 080	Play Analysis	3
FRSM 001	Freshman Seminar	1
	Freshman Composition	3
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>15-16</b>



## Freshman Year Second Semester

Item #	Title	Credits
	THTT 052 or THTT 051 or THTT 053	3
THTT 059	Tech Production II	3
THFD 081	Play Reading	3
	Freshman Composition	3
MUTP 100	Blacks in the Arts	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
THTT 001	Theatre Practicum I	1
	THTT 052 or THTT 051 or THTT 053	3
THFD 180	Theatre History I	3
THAC 020	Intro Acting: Non-Major	3
ARTH 161	Art Appreciation	3
	Foreign Language I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
THTT 002, 003, 004, 005, 006, 007	Theatre Practicum II-VII	6
	THTT 052 or THTT 051 or THTT 053	3
THTT 057	Stage Make-up Lab	3
THFD 181	Theatre History II	3
THAC 030	Beginning Directing	3
	Foreign Language II	3
	<b>Sub-Total Credits</b>	<b>21</b>

## Junior Year First Semester

Item #	Title	Credits
THTT 154	Design I (Mjrs Only)	3
THFD 040	Playwriting I	3
THTT 051	Basic Stage Lighting	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
THTT 155	Design II	3
	Humanities Elective (Options: See Elective Group List Divisional Studies A - Humanities)	3
	PSYC 050 or SOCI 020	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>18</b>

## Senior Year First Semester

Item #	Title	Credits
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
RTVF 231	Introduction to Media Production	3
	THTT 150 or THTT 151 or THTT 152 or THTT 153	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
THTT 159	Seminar in Technical Theatre	3
THTT 209	Drama Internship-Majors Only	3
	Theatre Electives (6 Credits)	6
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Sub-Total Credits</b>	<b>18</b>
	<b>Total credits:</b>	<b>133-134</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

THTT 052 or THTT 051 or THTT 053

### Foreign Language I

### Foreign Language II

General Electives (Options: To be determined in consultation with advisor) (6)

Humanities Elective (Options: See Elective Group List Divisional Studies A - Humanities)

Divisional Studies A\* (Options: see Elective Group Descriptions) 3

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PSYC 050 or SOCI 020

Choose between PSYC 050: Introductory Psychology (Non-Majors/Non-Minors Only) (3crs) and SOCI 020: Introduction to Social Psychology (3crs).

PSYC 050	Intro to Psychology	3
SOCI 020	Introduction to Social Psych	3

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Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

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Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3

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PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### THTT 150 or THTT 151 or THTT 152 or THTT 153

THTT 150	Sound for the Theatre	3
THTT 151	Intermediate Stage Lighting	3
THTT 152	Intermediate Stagecraft	3
THTT 153	Intermediate Costume for the Theatre	3

### Theatre Electives (6 Credits)

Courses under subject codes THEA, THTT, THDN, & THMT.

## World Languages

### Spanish

#### Spanish (B.A.)

Students in the undergraduate degree program for Spanish will study the Spanish language, literature, poetry, film, music, business, and cultures. The Spanish curriculum delivers a high level of proficiency in developing speaking, listening, reading, writing, and cultural competency skills. The degree program prepares students to succeed in a variety of careers that include education, business, health sciences, and communication.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Spanish Elective (Courses under subject code SPAN)

\*\*\*\*Minor Course (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

## Freshman Year First Semester

\*Mathematics Elective - MATH 005, 006, or 007

Item #	Title	Credits
SPAN 040	Grammar Structures	3
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Mathematics Elec (Options: Courses under code MATH)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

\*Mathematics Elective - MATH 005, 006, or 007

Item #	Title	Credits
SPAN 052	Reading & Writing	3
	ENGW 103/105	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Mathematics Elec (Options: Courses under code MATH)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

\*Writing Course - Courses under subject code ENGL above 003.

Item #	Title	Credits
SPAN 050	Oral Communication I	3
	Writing Course	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
SPAN 060	Analysis of Afro-Hispanic Literature	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
SPAN 080	Divers.and Unifica. in Spain	3
SPAN 083	Formation of Latin America	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
SPAN 077	Advanced Composition	3
SPAN 084	Cont Hispanic America	3
SPAN 081	Contemporary Spain	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

\*Spanish Elective - Courses under subject code SPAN

Item #	Title	Credits
SPAN 085	Afrolatinidad Experiences. Cultures, Race, and Nations	3
	Spanish Elective	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
	Spanish Elective	3
CLAS 170	Senior Seminar	1
	Minor Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Divisional Studies A\* (Options: see Elective Group Descriptions)

Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Afro-American Studies Elective \* (Options: see Elective Group Descriptions)**

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

**Mathematics Elec (Options: Courses under code MATH)**

**Physical Education Elective (options: courses under subject code HHPL)**

**ENGW 103/105**

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**



## Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

## Writing Course

## Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)

### Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thgth	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3

HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

General Elective (Options: To be determined in consultation with advisor) (3)

Minor Course (Options: To be determined in consultation with advisor)

Spanish Elective

# Health, Human Perform. & Leisure Studies

## Human Performance (B.S.)

The Human performance degree program offers a concentration in Sports Medicine that affords students practical and clinical experience grounded in theory and science. The undergraduate degree program provides a strong curriculum which can serve as a gateway to professional schools in medicine, dentistry, and physical therapy.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

## Freshman Year First Semester

\*Math Elective - Options: Math 006/007 or 009 / 010; statistics preferred.

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	Math Elective (Options: Courses under code MATH) (3)	3
HHPL 103	Physiology	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Math Elective - Options: Math 006/007 or 009 / 010; statistics preferred.

Item #	Title	Credits
	ENGW 101/102/104	3
	Math Elective (Options: Courses under code MATH) (4)	4
HHPL 140	Human Growth & Development	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 104	Kinesiology	3
	ENGW 103/105	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 102	Human Anatomy (Majors only)	3
HHPL 108	Human Anatomy Lab	1
HHPL 107	Exercise Physiology	3
HHPL 723	Intro to Research & Stat-Writ	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 111	Motor Learning	3
SLMC 101	Principles of Speech	3
	Divisional Studies C - Social Sciences Elective* open to Sophomores (Options: see Elective Group Descriptions)	3
HHPL 118	Athletic Training I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 103	Physiology	3
BIOL 101	General Biology Lec/Lab	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	HHPL 159/160/175	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

Item #	Title	Credits
PHYS 001	General Physics Lec-Rec-Lab I	5
HHPL 112	First Aid & CPR	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
AHCC 003	Medical Terminology	2
	Minor (Options: To be determined in consultation with advisor) (4)	4
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Math Elective (Options: Courses under code MATH) (3)

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3

CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3
GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3

HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**Foreign Language \* (Options: see Elective Group Descriptions)**

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

**ENGW 101/102/104**

ENGW: Placement based on ACTE/SATW scores used by the English department.

**Math Elective (Options: Courses under code MATH) (4)**

**ENGW 103/105**

**Divisional Studies C - Social Sciences Elective\* open to Sophomores (Options: see Elective Group Descriptions)**

Divisional Studies C: Social Sciences (Open to Sophomores)

AFRO 131	Blk Philosophy Religion Ritual	3
AFRO 133	19th Cent Blk Soc-Pol Thght	3
AFRO 191	Comparative Slavery	3
AFST 101	Intro to Contemporary Africa	3
ANTH 110	Intro to Cult Anthropology	3
ANTH 120	Intro to Biological Anthro	3
CLAS 110	Blacks in Antiquity	3
ECON 001	Principles of Economics I	3

ECON 002	Principles of Economics II	3
ECON 199	Introduction to Urban Economics	3
HIST 003	Intro to History	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
HIST 030	Intro African History I	3
HIST 031	Intro to African History II	3
HIST 040	Intro Latin Amer & Carib	3
HIST 041	Int Hist Lat Am Carib- Online	3
HIST 150	Modern Europe	3
HIST 051	Introduction to European History II	3
POLS 003	Intro to Comp Politics	3
POLS 005	Intro to African Politics	3
POLS 011	State & Local Government	3
POLS 143	Black Politics: Electoral and Nonelectoral	3

General Elective (Options: To be determined in consultation with advisor) (3)

Physical Education Elective (options: courses under subject code HHPL)

Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

HHPL 159/160/175

Choose from HHPL 159, 160, 175

Minor (Options: To be determined in consultation with advisor) (4)

Courses level 000 to 299 in identified subject for Minor

Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3



## Leisure Studies (B.S.)

The Leisure Studies degree program offers a concentration in Sports Management. Students in the undergraduate degree program for Leisure Studies will study the topics related to planning, organizing, directing, controlling, budgeting, leading, and evaluating with the context of an organization or department whose primary product or service is related to sport and or physical activity. The program will prepare graduates for entry into school and college sport programs, or sport related organizations.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor Course (Courses level 000 to 299 in identified subject for Minor)

\*\*\*\*Major Elective (Courses under subject code HHPL)

**Type:** B.S.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
PSYC 050	Intro to Psychology	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 101/102/104	3
MATH 007	Precalculus	4
HHPL 141	Intro to Sport Management	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Divisional Studies B - Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
HHPL 144	Sports Law (Majors Only)	3
HHPL 163	Foundation of Health Promotion	3
	ENGW 103/105	3
ECON 001	Principles of Economics I	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
HHPL 145	Sports Marketing	3
HHPL 147	Sports & Media (Majors Only)	3
HHPL 148	Governance	3
HHPL 149	Fac & Event Mgmt	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

Item #	Title	Credits
HHPL 150	Mgmt & Ldrshp Sport (Majors)	3
SLMC 101	Principles of Speech	3
ECON 002	Principles of Economics II	3
	Divisional Studies D - Natural Sciences Elective* (Options: see Elective Group Descriptions)	3
HHPL 221	Budget & Fin-Leisure & Sport	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 123	Res & Stat-Sprt Med	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	HHPL 159/160/175	1
	Divisional Studies A* (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year First Semester

Item #	Title	Credits
HHPL 717	Role of Sport in Society-WRTG	3
HHPL 746	Eth & Soc Issues in Sprt-WRTG	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	Minor Course (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
HHPL 151	Sport Management Internship	6
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>125</b>

## Category Descriptions

### Divisional Studies A\* (Options: see Elective Group Descriptions)

#### Divisional Studies A

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement.

CLAS 014	Honors Humanities I	3
CLAS 015	Humanities II	3
ENGL 014	Intro to Humanities I	3
ENGL 015	Humanities II	3
SPAN 014	Introduction to Humanities	3
SPAN 100	Hispanic Lit in English	3
SPAN 015	Intro to Humanities II	3
GERM 014	Introduction to Humanities I,	3
GERM 015	Intro to Humanities II	3
FREN 014	Introduction to Humanities I	3
FREN 015	Intro to Humanities II	3
CLAS 016	Ideas in Antiquity	3
CLAS 101	Greek Literature in English	3
CLAS 102	Roman Literature in English	3
CLAS 103	Classical Art	3
CLAS 108	Greek Drama in English	3
CLAS 109	Classical Mythology	3
CLAS 111	Satire and Comedy	3
CLAS 113	Women in the Ancient World	3
CLAS 114	Love in Antiquity	3
ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
ENGL 180	Third World Lit. Myth and Archetype	3
ENGL 056	Introduction to Caribbean Lit	3
HUMA 107	Women in Literature	3
SPAN 107	Women in Literature	3

GERM 100	Individual & Society	3
GERM 101	Literature of Love	3
GERM 107	Women in Literature	3
GERM 109	Northern Myths and Legends	3
GERM 111	Classic Films in English	3
RUSS 100	Russian Great Short Stories	3
RUSS 101	Literature of Revolution	3
RUSS 103	Love & Hate in Russia	3
RUSS 109	Slavic Mythology	3
FREN 100	Francophone Literature in English	3
FREN 106	African Films	3
FREN 107	Women in Literature	3
MUSC 100	Introduction to Music	3
ARTH 161	Art Appreciation	3
THFD 010	Intro to the Theatre	3

**Divisional Studies B - Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)**

Divisional Studies B: Social Sciences (Open to Freshmen)

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

CLAS 104	Greek Civilization	3
CLAS 105	Roman Civilization	3
CLAS 112	Law & Pol in the Ancient World	3
CLAS 115	Slavery in the Ancient World	3
POLS 001	Introduction to Political Science	3
HIST 001	Intro to Study of Civ II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
HIST 101	World Geography	3
HIST 102	Economic Geography	3
SOCI 001	Introduction to Sociology	3
GERM 145	German Culture	3
GERM 146	German Culture	3
RUSS 145	Cultural Life of Russia	3
RUSS 150	Three Rs:Rev-Rebell-Resign	3
AFST 106	HIV/AIDS In Africa	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3

**Foreign Language \* (Options: see Elective Group Descriptions)**

Foreign Language *	(Options: see Elective Group Descriptions)	3
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## ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## ENGW 103/105

### Divisional Studies D - Natural Sciences Elective\* (Options: see Elective Group Descriptions)

Divisional Studies D: Natural Sciences

SPECIAL NOTE: No more than 6 hours in a single department of the College of Arts and Sciences or in any other school or college can be counted to satisfy the divisional studies requirement

COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3
COMP 003	Physical Science Lecture-Laboratory	3
COMP 004	Computers and Society	3
CHEM 003	Gen Chemistry I	4
MATH 006	College Algebra I	3
MATH 007	Precalculus	4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 026	Applied Calculus	4
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 002	General Physics Lec-Rec-Lab II	5
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PHYS 010, 011	General Astronomy I, II	3
PSYC 050	Intro to Psychology	3
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4

Physical Education Elective (options: courses under subject code HHPL)

Minor Course (Options: To be determined in consultation with advisor)

HHPL 159/160/175

Choose from HHPL 159, 160, 175

Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

Minor Elective (Options: To be determined in consultation with advisor)

## College of Nursing & Allied Health Sciences

### Division of Allied Health Sciences

### Clinical Laboratory Sciences

#### Clinical Laboratory Sciences (B.S.)

The program at Howard University provides course study in the areas of medical technology, biochemistry, hematology, clinical decision making, and clinical laboratory management. A degree in Clinical Laboratory Science prepares graduates for employment opportunities in clinical, veterinary, and forensic laboratories; biotechnology and pharmaceutical industries; management, marketing, and biomedical sales.

**IMPORTANT:** \*Required for students entering the program fall semester 2008 or after

\*\*CHEM 180,181,182, and 183 may be substituted for General Chemistry Lecture & Labs only with CLS advisors' approval.

\*\*\*CLLS 709 is a writing intensive course and meets the Division's 3rd writing requirement.

Third Year: JUNIOR - UPPER DIVISION (CLS Program Courses)

NOTES: Students MUST submit a CLS Upper Division Application for entry into the Upper Division

\*\*\*\* 2.5 - Grade Point Average, 2.5 Math and Science GPA for Upper Division admission consideration

Type: B.S.

Type: B.S.

### Freshman Year First Semester

Item #	Title	Credits
ENGW 102	Expository Wrtg & Literacy Stu	3
MATH 006	College Algebra I	3
BIOL 101	General Biology Lec/Lab	4
AHCC 110	General Orientation	2
CLLS 101	Intro Clinical Lab Science	2
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGW 103	Persuasive Writing & Research	3
BIOL 102	General Biology Lec/ Lab	4
	Behavioral Science Elective	3
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

\*Choose between BIOL 200 or BIOL 310

Item #	Title	Credits
	BIOL 200/310	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
MATH 009	Introduction to Statistics	4
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year Second Semester

\*General Elective (Courses level 000 to 299)

Item #	Title	Credits
HHPL 103	Physiology	3
CLLS 300	Basic Clinical Lab Techniques	2
	General Elective (Options: To be determined in consultation with advisor) (3)	3
CHEM 141	Organic Chemistry I (Lecture)	3
AHCC 003	Medical Terminology	2
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CLLS 307	Clinical Immunology	4
CLLS 303	Clinical Hematology I	4
CLLS 308	Clin Diagnostic Microbiology I	5
CLLS 309	Clinical Biochemistry & Instrumentation	4
CLLS 415	Clinical Urinalysis and Body Fluids	3
CLLS 321	Junior Recitation	0
	<b>Sub-Total Credits</b>	<b>20</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CLLS 416	Clinical Diagnostic Microbiology II	5
CLLS 409	Immunohematology	4
CLLS 403	Clinical Hematology II	4
CLLS 310	Clinical Chemistry II	4
CLLS 321	Junior Recitation	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CLLS 400	Molecular Diagnostics	3
CLLS 720	Research- WRTG	3
CLLS 423	Senior Recitation	0
CLLS 408	Chemistry Practicum	4
CLLS 411	Immunohematology Practicum	4
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CLLS 418	Clin Lab Mgmt Decision Making	2
CLLS 423	Senior Recitation	0
CLLS 404	Hematology/Urinalysis Practicum	4
CLLS 406	Microbiology Practicum	5
	<b>Sub-Total Credits</b>	<b>11</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

Physical Education Elective (options: courses under subject code HHPL)

Behavioral Science Elective



## BIOL 200/310

Genetics Lec/Lab - BIOL 200

Cell Biology - BIOL 310

## Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

General Elective (Options: To be determined in consultation with advisor) (3)

## Health Management Sciences Program

### Health Sciences (B.S.)

The Bachelor of Sciences in Health Science curriculum is designed to prepare students to perform executive management tasks and the goals of achieving lifelong career in a wide variety of organizations that deliver health care services, as well as pursue graduate education nationally and internationally.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

**Type:** B.S.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SOCI 001	Introduction to Sociology	3
ENGL 002	Freshman Composition	3
MATH 006	College Algebra I	3
PSYC 050	Intro to Psychology	3
AHCC 110	General Orientation	2
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 003	Freshman Composition	3
MATH 007	Precalculus	4
PSYC 116	Abnormal Psychology	3
SLMC 101	Principles of Speech	3
	Elective (Health Science)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

\*HHPL 159 or HHPL 160, 161, 162, 163.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 101	General Biology Lec/Lab	4
	Humanities Elective	3
ENGL 009	Tech Writing Pre-Professional	3
AHCC 003	Medical Terminology	2
	Physical Education Elective (options: courses under subject code HHPL)	1
HHPL 159	Health Science	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
BIOL 102	General Biology Lec/ Lab	4
HHPL 140	Human Growth & Development	3
MATH 009	Introduction to Statistics	4
HHPL 112	First Aid & CPR	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
HLMN 102	Hlth Syst & Mgmt I	3
HHPL 111	Motor Learning	3
PHIL 051	Principles of Reasoning	3
<b>Sub-Total Credits</b>		<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
HLMN 404	Health Policy	3
MDAN 168	Basic Gross Anatomy	4
HESC 220	Intro to Physical Therapy	2
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MPHY 101	General Physiology	4
HESC 405	Fund of Scientific Inquiry	2
PHYS 001	General Physics Lec-Rec-Lab I	5
HHPL 107	Exercise Physiology	3
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 104	Kinesiology	3
HHPL 130	Exercise Physiology II	3
PHYS 002	General Physics Lec-Rec-Lab II	5
NUTR 161	Introduction to Nutrition	3
AHCC 375	Geriatrics for Allied Health Professions	2
<b>Sub-Total Credits</b>		<b>16</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

Physical Education Elective (options: courses under subject code HHPL)

Elective (Health Science)

Courses with subject code HESC.

## Humanities Elective

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

## Health Sciences (B.S.) - Health Management Concentration

The Bachelor of Sciences in Health Science curriculum is designed to prepare students to perform executive management tasks and the goals of achieving lifelong career in a wide variety of organizations that deliver health care services, as well as pursue graduate education nationally and internationally.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

**Type:** B.S.

## Freshman Year First Semester

\*Math 006/007 - College Algebra I (3crs) or Precalculus (4crs)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 002	Freshman Composition	3
	MATH 006/007	3-4
AHCC 110	General Orientation	2
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
BIOL 101	General Biology Lec/Lab	4
NUTR 161	Introduction to Nutrition	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

\*Math 010/156 - College Algebra II (4crs) or Calculus I (4crs)

\*\*AFRO 005 or AFRO 700 Equivalent Studies (TBD)

Item #	Title	Credits
ENGL 003	Freshman Composition	3
	MATH 010/156	4
PSYC 050	Intro to Psychology	3
SOCI 001	Introduction to Sociology	3
AFRO 005	Intro Afro-American Studies I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
HLMN 201	Community Health	3
INFO 204	Mgmt Inform Sys	3
ECON 001	Principles of Economics I	3
ENGL 009	Tech Writing Pre-Professional	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*HHPL 140 or HUDV 150 - Human Grwth & Dev (3crs) or Pos Aging in Adult Dev. (3crs)

Item #	Title	Credits
PHIL 051	Principles of Reasoning	3
ECON 002	Principles of Economics II	3
	HHPL 140 or HUDV 150	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
AHCC 003	Medical Terminology	2
ACCT 201	Accounting Principles I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
HLMN 102	Hlth Syst & Mgmt I	3
HLMN 306	Principles of Epidemiology	3
HLMN 410	Health Economics	3
HLMN 315	Health Informatics	3
SOCI 110	Elementary Statistics	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
HLMN 304	Global Leadership	3
MGMT 301	Management & OB	3
HLMN 305	Health Care Finance	3
AHCC 301	Ethics for Hlth Professionals	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
HLMN 400	Health Operations Research	3
HLMN 402	Health Management Internship	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
MKTG 301	Principles of Marketing	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
HLMN 408	Hlth Mgmt Sem (HM stdnts only)	3
MGMT 303	Human Resources Mgmt	3
HLMN 404	Health Policy	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
AHCC 375	Geriatrics for Allied Health Professions	2
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

MATH 006/007

Physical Education Elective (options: courses under subject code HHPL)

MATH 010/156

HHPL 140 or HUDV 150

General Elective (Options: To be determined in consultation with advisor) (3)

## Nutritional Sciences

### Nutritional Sciences - Pre-Dental/Pre- Medicine Emphasis (B.S.)

The program focuses on preparing students for entry into medical and dental schools. With increasing recognition of the association between diet and disease and the importance of diet in health promotion, nutritionists and dietitians are needed to participate in research, to educate the public on ways to promote health through diet, and to educate individuals suffering from chronic diseases on ways to incorporate dietary modifications into their lifestyles.

**IMPORTANT:** Statistics course must be selected from the following: SOCI 110, MATH 009, or PSYC 063.

D/AHS Elective must be selected from Allied Health Core.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.S.

### Freshman Year First Semester

\*Physical Education (Courses under subject code HHPL)

\*\*MATH 006/007: Choose between MATH 006 - College Algebra I (3crs) or MATH 007 - Precalculus (4crs).

Item #	Title	Credits
AHCC 110	General Orientation	2
	Freshman Composition	3
	MATH 006/007	3-4
NUTR 161	Introduction to Nutrition	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

\*MATH 010/156: Choose between MATH 010 - College Algebra II (4crs) or MATH 156 - Calculus I (4crs).

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	Freshman Composition	3
	MATH 010/156	4
NUTR 320	Nut in the Life Cycle	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 101	General Biology Lec/Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
NAHS 171	Anatomy and Phys I	4
NUTR 183	Community Nutrition	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AHCC 003	Medical Terminology	2
BIOL 102	General Biology Lec/ Lab	4
CHEM 141	Organic Chemistry I (Lecture)	3
NAHS 172	Anatomy and Physiology II	4
NUTR 006	Introduction to Foods	4
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AHCC 301	Ethics for Hlth Professionals	2
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
NUTR 323	Evaluation of Nutrition Status	3
	Statistics Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 151	Biochemistry I	3
NUTR 175	Advanced Nutrition	3
NUTR 410	Medical Nutr The I	3
PHYS 001	General Physics Lec-Rec-Lab I	5
PSYC 050	Intro to Psychology	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 220	General Microbiology Lec/Lab	4
NUTR 413	Medical Nutrition Therapy II	3
NUTR 416	Res Meth in Nutrition	3
PHYS 002	General Physics Lec-Rec-Lab II	5
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 169	Field Experience in HNF	6
NUTR 189	Food Chemistry and Analysis	4
NUTR 425	Issues in Dietetics& Nutrition	2
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### MATH 006/007

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Physical Education (Active)

### MATH 010/156

### Statistics Elective

May take MATH 009, SOCI 110, or PSYC 003.

MATH 009	Introduction to Statistics	4
SOCI 110	Elementary Statistics	3
PSYC 063	Research methods and Statistics,	4

## Nutritional Sciences – Dietetics (B.S.)

The Department of Nutritional Sciences offers the Bachelor of Science Degree in Nutritional Sciences. The curriculum allows students to complete the general education and basic science courses in the first two years. During the last two years, students, along with their advisors, select courses, which prepare them to become dietitians or nutritionist. The Bachelor of Science is Degree is offered with emphases in Community Nutrition, Human Nutrition and Food, and the fully accredited Coordinated Undergraduate Program in Dietetics.

IMPORTANT: Statistics course must be selected from the following: SOCI 110, MATH 009, or PSYC 063.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.S.

### Freshman Year First Semester

\*MATH 006/007: Choose between MATH 006 - College Algebra I (3crs) or MATH 007 - Precalculus (4crs).

Item #	Title	Credits
AHCC 110	General Orientation	2
	Freshman Composition	3
	MATH 006/007	3-4
NUTR 161	Introduction to Nutrition	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

\*MATH 010/156: Choose between MATH 010 - College Algebra II (4crs) or MATH 156 - Calculus I (4crs).

\*\*Physical Education (Courses under subject code HHPL under level 100)

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	Freshman Composition	3
	MATH 010/156	4
NUTR 320	Nut in the Life Cycle	3
AHCC 003	Medical Terminology	2
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 101	General Biology Lec/Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
NAHS 171	Anatomy and Phys I	4
EDUC 212	Educational Psychology: Learning & African American Learners	3
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SOCI 001	Introduction to Sociology	3
BIOL 220	General Microbiology Lec/Lab	4
CHEM 141	Organic Chemistry I (Lecture)	3
NAHS 172	Anatomy and Physiology II	4
NUTR 006	Introduction to Foods	4
<b>Sub-Total Credits</b>		<b>18</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 130	Nutritional Biochemistry	3
NUTR 183	Community Nutrition	3
ACCT 201	Accounting Principles I	3
NUTR 323	Evaluation of Nutrition Status	3
	Statistics Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BCOM 320	Business Communications	3
NUTR 175	Advanced Nutrition	3
ACCT 202	Accounting Principles II	3
INFO 335	Prod & Operations Management	3
AHCC 301	Ethics for Hlth Professionals	2
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 204	Mgmt Inform Sys	3
NUTR 417	Nutr in Hlth & Dis	3
NUTR 416	Res Meth in Nutrition	3
MGMT 331	Decision Making	3
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 327	Hlth Plan & Prom	3
NUTR 189	Food Chemistry and Analysis	4
NUTR 419	Field Placement	1
MGMT 303	Human Resources Mgmt	3
INFO 311	Quant Business Analysis	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### MATH 006/007

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Physical Education (Active)

### MATH 010/156

### Statistics Elective

May take MATH 009, SOCI 110, or PSYC 003.

MATH 009	Introduction to Statistics	4
SOCI 110	Elementary Statistics	3

## Nutritional Sciences – Health Education (B.S.)

The Department of Nutritional Sciences offers the Bachelor of Science Degree in Nutritional Sciences. The curriculum allows students to complete the general education and basic science courses in the first two years. During the last two years, students, along with their advisors, select courses, which prepare them to become dietitians or nutritionist. The Bachelor of Science is Degree is offered with emphases in Community Nutrition, Human Nutrition and Food, and the fully accredited Coordinated Undergraduate Program in Dietetics.

IMPORTANT: Statistics course must be selected from the following: SOCI 110, MATH 009, or PSYC 063.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.S.

### Freshman Year First Semester

\*MATH 006/007: Choose between MATH 006 - College Algebra I (3crs) or MATH 007 - Precalculus (4crs).

Item #	Title	Credits
AHCC 110	General Orientation	2
	Freshman Composition	3
	MATH 006/007	3-4
NUTR 161	Introduction to Nutrition	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

\*MATH 010/156: Choose between MATH 010 - College Algebra II (4crs) or MATH 156 - Calculus I (4crs).

\*\*Physical Education (Courses under subject code HHPL under level 100)

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	Freshman Composition	3
	MATH 010/156	4
NUTR 320	Nut in the Life Cycle	3
AHCC 003	Medical Terminology	2
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 101	General Biology Lec/Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
NAHS 171	Anatomy and Phys I	4
NUTR 200	Intro. to Hlth. Educ. in Nutr.	2
EDUC 212	Educational Psychology: Learning & African American Learners	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SOCI 001	Introduction to Sociology	3
BIOL 220	General Microbiology Lec/Lab	4
CHEM 141	Organic Chemistry I (Lecture)	3
NAHS 172	Anatomy and Physiology II	4
NUTR 006	Introduction to Foods	4
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 130	Nutritional Biochemistry	3
NUTR 183	Community Nutrition	3
NUTR 418	Med Nutr Therapy Dry Lab II	3
NUTR 323	Evaluation of Nutrition Status	3
HLMN 201	Community Health	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 175	Advanced Nutrition	3
NUTR 326	Nutrition Policy	3
NUTR 327	Hlth Plan & Prom	3
AHCC 301	Ethics for Hlth Professionals	2
	Statistics Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 310	Intro. to Diet & Nutrition Edu	3
NUTR 417	Nutr in Hlth & Dis	3
NUTR 416	Res Meth in Nutrition	3
HLMN 404	Health Policy	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 425	Issues in Dietetics& Nutrition	2
NUTR 189	Food Chemistry and Analysis	4
NUTR 419	Field Placement	1
NUTR 421	Global Hlth Nutr	3
HLMN 306	Principles of Epidemiology	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>123</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### MATH 006/007

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Physical Education (Active)

### MATH 010/156

### Statistics Elective

May take MATH 009, SOCI 110, or PSYC 003.

MATH 009	Introduction to Statistics	4
SOCI 110	Elementary Statistics	3

## Nutritional Sciences – Management (B.S.)

The Department of Nutritional Sciences offers the Bachelor of Science Degree in Nutritional Sciences. The curriculum allows students to complete the general education and basic science courses in the first two years. During the last two years, students, along with their advisors, select courses, which prepare them to become dietitians or nutritionist. The Bachelor of Science is Degree is offered with emphases in Community Nutrition, Human Nutrition and Food, and the fully accredited Coordinated Undergraduate Program in Dietetics.

IMPORTANT: Statistics course must be selected from the following: SOCI 110, MATH 009, or PSYC 063.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.S.

### Freshman Year First Semester

\*MATH 006/007: Choose between MATH 006 - College Algebra I (3crs) or MATH 007 - Precalculus (4crs).

Item #	Title	Credits
AHCC 110	General Orientation	2
	Freshman Composition	3
	MATH 006/007	3-4
NUTR 161	Introduction to Nutrition	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

\*MATH 010/156: Choose between MATH 010 - College Algebra II (4crs) or MATH 156 - Calculus I (4crs).

\*\*Physical Education (Courses under subject code HHPL under level 100)

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	Freshman Composition	3
	MATH 010/156	4
NUTR 320	Nut in the Life Cycle	3
AHCC 003	Medical Terminology	2
	<b>Sub-Total Credits</b>	<b>17</b>



## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 101	General Biology Lec/Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
NAHS 171	Anatomy and Phys I	4
EDUC 212	Educational Psychology: Learning & African American Learners	3
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SOCI 001	Introduction to Sociology	3
BIOL 220	General Microbiology Lec/Lab	4
CHEM 141	Organic Chemistry I (Lecture)	3
NAHS 172	Anatomy and Physiology II	4
NUTR 006	Introduction to Foods	4
<b>Sub-Total Credits</b>		<b>18</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 130	Nutritional Biochemistry	3
NUTR 183	Community Nutrition	3
ACCT 201	Accounting Principles I	3
NUTR 323	Evaluation of Nutrition Status	3
	Statistics Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BCOM 320	Business Communications	3
NUTR 175	Advanced Nutrition	3
ACCT 202	Accounting Principles II	3
INFO 335	Prod & Operations Management	3
AHCC 301	Ethics for Hlth Professionals	2
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 204	Mgmt Inform Sys	3
NUTR 417	Nutr in Hlth & Dis	3
NUTR 416	Res Meth in Nutrition	3
MGMT 331	Decision Making	3
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 327	Hlth Plan & Prom	3
NUTR 189	Food Chemistry and Analysis	4
NUTR 419	Field Placement	1
MGMT 303	Human Resources Mgmt	3
INFO 311	Quant Business Analysis	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### MATH 006/007

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Physical Education (Active)

### MATH 010/156

### Statistics Elective

May take MATH 009, SOCI 110, or PSYC 003.

MATH 009	Introduction to Statistics	4
SOCI 110	Elementary Statistics	3

# Nursing

## Nursing (B.S.N.)

The Bachelor of Science program in Nursing offers a balanced curriculum including courses in the liberal arts, the sciences, the humanities, and nursing. Many of the nursing courses are concentrated in the junior and senior years and involve classroom and clinical learning experiences in hospitals, long-term care facilities, homeless shelters, patients' homes and other community-based settings. Students in the Bachelor's degree program develop competencies in the care of adults, children, child-bearing families and the elderly. A theoretical base for nursing practice is laid early in the program and students grow in their ability to apply theory in developing systems of care for patients.

**Type:** B.S.N.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.S.N.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
PSYC 050	Intro to Psychology	3
SOCI 001	Introduction to Sociology	3
	Freshman Composition	3
MATH 006	College Algebra I	3
BIOL 101	General Biology Lec/Lab	4
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

\*Literature - Courses under subject codes CLAS or ENGL

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	Freshman Composition	3
	Literature	3
	African-American Studies (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

\*Fine Arts (Art, Dance, Music, Theatre)

Item #	Title	Credits
NAHS 171	Anatomy and Phys I	4
MDMI 103	Microbiology w/Lab	4
SOCI 180	The Family	3
SLMC 101	Principles of Speech	3
	Fine Arts Elective (2)	2
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
NUTR 161	Introduction to Nutrition	3
SOCI 110	Elementary Statistics	3
NAHS 172	Anatomy and Physiology II	4
HHPL 140	Human Growth & Development	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year First Semester

Item #	Title	Credits
NURS 304	Pathophysiology	3
NURS 307	Health Assessment/Lifespan	3
NURS 320	Fundamentals of Nursing	5
NURS 321	Intro to Profess Nursing Prac	2
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year Second Semester

Item #	Title	Credits
NURS 306	Introduction to Pharmacology	3
NURS 326	Nurs of the Childbearing Fam	5
NURS 325	Adult Health	7
AHCC 301	Ethics for Hlth Professionals	2
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year Summer Session

Students have the option to take an elective during the Summer preceding Senior year or Fall/Spring semester of Senior year. A student must successfully complete all prerequisite courses from an accredited college/university prior to enrolling in the BSN Upper Division Plan of Study.

Item #	Title	Credits
NURS 400	Elective Clinical Nursing	3
	<b>Sub-Total Credits</b>	<b>3</b>

## Senior Year First Semester

\*NURS Elective - If NURS 400 is not taken.

Item #	Title	Credits
NURS 403	Nursing Research	2
	NURS - Elective	3
NURS 431	Health Policy & Econ	2
NURS 412	Nursing Infants and Children	5
NURS 421	Psychiatric Mental Health Nurs	5
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

\*NURS Elective - If NURS 400 is not taken.

Item #	Title	Credits
NURS 406	Senior Practicum	4
NURS 436	Community Health Nursing	3
NURS 438	Nursing Leadership (online)	3
NURS 440	Nursing Synthesis	3
	NURS - Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Literature

### African-American Studies (Options: see Elective Group Descriptions)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions) 3

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### Fine Arts Elective (2)

### NURS - Elective

Only take if NURS 400 is not taken.

# Radiation Therapy Program

## Radiation Therapy (B.S.)

Howard University offers an accredited educational program in the field of radiation therapy. The program integrates academic theory and clinical study. The primary responsibilities of radiation therapists are to provide service delivery for patients who have been diagnosed with cancer. Career opportunities for radiation therapists include positions as staff radiation therapists, clinical instructors, managers, administrators, sales/private industry, researchers, and educators.

**Type:** B.S.

\* PSYC 003 can be accepted in place of SOCI 110

**Type:** B.S.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGW 102	Expository Wrtg & Literacy Stu	3
MATH 006	College Algebra I	3
BIOL 101	General Biology Lec/Lab	4
AHCC 110	General Orientation	2
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	African-American Cluster (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

\*Choose between MATH 007 and MATH 010

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGW 103	Persuasive Writing & Research	3
	MATH 007/010	4
SOCI 001	Introduction to Sociology	3
	PHIL 051 or PHIL 055	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 211	Radiation Therapy Orientation	2
PSYC 050	Intro to Psychology	3
NUTR 161	Introduction to Nutrition	3
AHCC 003	Medical Terminology	2
NAHS 171	Anatomy and Phys I	4
<b>Sub-Total Credits</b>		<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 101	Principles of Speech	3
SOCI 110	Elementary Statistics	3
AHCC 301	Ethics for Hlth Professionals	2
PHYS 007	Physics for Allied Health	5
NAHS 172	Anatomy and Physiology II	4
<b>Sub-Total Credits</b>		<b>17</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 310	Clinical Radiotherapy I	2
RASC 311	Prin & Prac of Radiation Ther	2
RASC 312	Environ & Radiation Protection	3
RASC 313	Radiation Therapy Physics I	3
RASC 314	Sectional Anatomy	2
RASC 315	Introduction to Oncology	2
<b>Sub-Total Credits</b>		<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 320	Clinical Radiotherapy II	2
RASC 323	Imaging & Radiation Therapy	3
RASC 324	Patient Care & Management	2
RASC 325	Radiation Oncology	3
RASC 326	Rad Therapy Phys II	3
RASC 327	Pathophysiology	3
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year - Summer Sessions

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 330	Clinical Radiotherapy III	3
RASC 335	Clinical Radiotherapy IV	3
<b>Sub-Total Credits</b>		<b>6</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 410	Clinical Radiotherapy V	2
RASC 412	Treatment Planning I	2
RASC 415	Radiation Oncology II	3
RASC 414	Problem Solving	1
HLMN 102	Hlth Syst & Mgmt I	3
AHCC 414	Radiation Therapy Sci. Inquiry	2
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 420	Clinic Radiation Therapy VI	4
RASC 422	Problem Seminar	2
RASC 426	Treatment Planning II	2
RASC 427	Radiation Biology	2
RASC 428	Quality Management	2
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Physical Education Elective (options: courses under subject code HHPL)

### African-American Cluster (Options: see Elective Group Descriptions)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions) 3

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### MATH 007/010

Choose between MATH 007 and 010

### PHIL 051 or PHIL 055

Choose between PHIL 051: Principles of Reasoning (3crs) or PHIL 055: Introduction to Philosophy (3crs).

## School of Education



# Elementary Education

## Elementary Education (B.S.)

The Bachelor of Science degree in Elementary Education is a four-year program that is aligned with the department's mission to prepare teachers and other professionals for leadership roles in a variety of national and global educational settings. The department specifically champions the needs of black and other underrepresented students in urban communities. The program is focused on asset-focused teaching methodology and interdisciplinary coursework to prepare students to think and reflect critically.

**Type:** B.S.

\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

### Freshman Year First Semester

\*Science Elective (TBD after consultation with advisor)

Item #	Title	Credits
ENGW 104	Writing, Literacy & Discourse	3
MATH 006	College Algebra I	3
SLMC 101	Principles of Speech	3
	Science Elective	3
HIST 101	World Geography	3
EDUC 100	Orientation & Pre-Prof. Sem	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

\*Fine Arts Elective (Courses under AR\_ , MU \_ , or TH\_ )

\*\*Science Elective (Courses under CHEM, PHYS, BIOC, BIOG, BIOL)

\*\*\*Choose between HIST 009 or HIST 010

Item #	Title	Credits
ENGW 105	Reflect. Wrting Portf- MAJORS	3
	Fine Arts Elective (3)	3
	Science Elective	3
HIST 009	U S History to 1877	3
HIST 010	US Hist Since 1877	3
EDUC 120	Intl Ed for Contemp Soc	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HUDV 114	Growth & Dev in Child & Adoles	3
EDUC 212	Educ Psyc: Lrn & Af Am Lrnrs	3
MATH 020	Fund Concept Math Educ I	3
EDUC 218	Foundations &Processes of Reading Acquisition	3
EDUC 219	Schooling for Diverse Populat	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 220	Lrnrs w/ Div Cog, Beh, & Lang	3
EDUC 221	Talent Dev. Model of Schlg	3
EDUC 222	Engaging Urb. Par, Fam, Comm	3
EDUC 223	Instr. Tech for 21st Century	3
EDUC 225	Earth Sci. & Elem Sci. Prac.	3
MATH 021	Fundamental Concepts of Mathematics for Education II	3
<b>Sub-Total Credits</b>		<b>18</b>

## Junior Year First Semester

\*Spanish 001 or other World Lang. I

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 312	Intro:Assessment & Measurement	3
EDUC 314	Prin of Teaching Math & Sci I	4
EDUC 315	Prin of Teaching Math & Sci II	4
EDUC 316	Strategies for Tchg Eng Lang	3
SPAN 001	Spanish I	3
<b>Sub-Total Credits</b>		<b>17</b>

## Junior Year Second Semester

\*SPAN 002 or other World Lang. II

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 321	Literature &Writing in Urban, Elementary Schools	3
EDUC 322	Teaching Language Arts and Social Studies in Urban Elementary Schools	3
EDUC 323	Literacy Assessment &Instructional Frameworks in Urban, Elem Schools	3
EDUC 324	Teaching Social Studies, Arts, Health and PE in Urban Elem Schools	4
SPAN 002	Spanish II	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
EDUC 412	Research Foundations & Methods for Classroom Teachers	3
EDUC 450	Internship and Classroom Management.	9-12
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 420	Interdisciplinary Research in STEM	3
EDUC 480	International Internship & Special Topics Seminar	9
<b>Sub-Total Credits</b>		<b>12</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

### Fine Arts Elective (3)

## Human Development

### Human Development (B.S.)

The Human Development Undergraduate degree program at Howard University is ecologically oriented and focuses on the study of individuals and families from a multidisciplinary perspective. Students may choose to concentrate on infancy, childhood, adolescence, or adult development. Specializations focus on the developmental process throughout the life-cycle and interpersonal relationships within the context of family and other human / environmental settings.

**IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.**

**Type:** B.S.

\*Minor (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.S.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HUDV 095	Hmn Dev, Family, Culture & Soc	3
MATH 006	College Algebra I	3
	ENGW 101/102/104	3
COMP 001	Life Sciences Lecture-Laboratory	3
PSYC 001	Foundations of Psyc Science	4
HUDV 001	Fresh Orientation Sem-Humn Dev	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HUDV 113	Prenatal Infant & EC Dev	3
SLMC 101	Principles of Speech	3
	ENGW 003/105	3
HUDV 148	Research in Human Development	3
SOCI 001	Introduction to Sociology	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HUDV 114	Growth & Dev in Child & Adoles	3
HHPL 102	Human Anatomy (Majors only)	3
HHPL 108	Human Anatomy Lab	1
PSYC 003	Statistics I (Lec/Lab)	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
HUDV 150	Positive Aging in Adult Dev.	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 103	Physiology	3
PHIL 055	Intro to Philosophy	3
PSYC 004	Statistics II (Lec/Lab)	4
	Foreign Language (Level 2+)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year First Semester

Item #	Title	Credits
HUDV 119	Diverse Youth of Color	3
HUDV 118	Youth Placed at Risk	3
ECON 001	Principles of Economics I	3
	POLS 010/011	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year Second Semester

Item #	Title	Credits
HUDV 141	Risk & Resiliency in Families	3
HUDV 120	Perspectives of Human Dev	3
NUTR 160	Nutrition	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
HUDV 169	Field Exper in Human Develop	6
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
HUDV 143	Parentology: Thry, Rsch & Supp	3
HUDV 149	YouthCnsmr Cult & Earth	3
NURS 419	Death, Grief & Bereav (online)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### ENGW 003/105

ENGW: Placement based on ACTE/SATW scores used by the English Department.

### Physical Education Elective (options: courses under subject code HHPL)

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Foreign Language (Level 2+)

### POLS 010/011

Choose between POLS 010 or POLS 011.

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3

Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

General Electives (Options: To be determined in consultation with advisor) (2)

## College of Engineering and Architecture

### Department of Civil and Environmental Engineering

#### Civil Engineering

##### Civil Engineering (B.S.)

The Department of Civil Engineering at Howard University offers a Bachelor of Science degree in Civil Engineering. The study of civil engineering addresses the grand challenges of restoring, protecting, and improving our Nation's infrastructure with a keen eye on sustainable, green design. At Howard University, faculty and students are involved in interdisciplinary research involving collaborations with departments both within Howard and external to Howard and have made distinct inroads in research and education within our field.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

**Type:** B.S.

#### Freshman Year First Semester

Item #	Title	Credits
EGPP 101	Introduction to Engineering	2
MATH 156	Calculus I	4
	English Writing Course	3
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Freshman Year Second Semester

Item #	Title	Credits
CIEG 104	Civil Eng Software & Design	3
MATH 157	Calculus II	4
	English Writing Course	3
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

\*Basic Science Elective (Courses under CHEM, PHYS, BIOL, BIOG, and BIOC)

Item #	Title	Credits
	Basic Science Elective	3
CIEG 202	Statics	3
MATH 158	Calculus III	4
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Humanities Elective	3
CIEG 302	Dynamics	3
CIEG 351	Probability & Stats	3
MEEG 209	Material Science	3
MATH 159	Differential Equations	4
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
CIEG 207	Environmental Engineering	3
CIEG 301	Mechanics of Materials Lecture	3
CIEG 303	Mechanics of Material Lab	1
CIEG 311	Fluid Mechanics Lecture	3
CIEG 313	Fluid Mechanics Lab	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>17</b>



## Junior Year Second Semester

Item #	Title	Credits
CIEG 314	Structures I	3
CIEG 354	Engineering Economics	3
CIEG 352	Water Resources Engineering I	3
CIEG 416	Transportation Engineering	3
CIEG 434	Soil Mechanics Lecture	3
CIEG 438	Soil Mechanics Lab	1
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

\*CIEG Elective (Courses under CIEG)

Item #	Title	Credits
CIEG 439	Senior Design I	1
	CIEG Elective	3
	CIEG Elective	3
	CIEG Elective	3
CIEG 464	Engineering Project Mgmt	3
<b>Sub-Total Credits</b>		<b>13</b>

## Senior Year Second Semester

\*Technical Elective (Courses under code BIOL, CHEM, PHYS, MATH, ECON, CIEG, CHEG, CSCI, SYCS, INFO, ECEE, & MEEG level 000 to 299)

\*\*CIEG Elective (Courses under CIEG)

Item #	Title	Credits
CIEG 441	Senior Design II	3
CIEG 462	Seminar	1
	CIEG Elective	3
	Technical Elective	3
	Technical Elective	3
	African-American Elective (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>
<b>Total credits:</b>		<b>121</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

Physical Education Elective (options: courses under subject code HHPL)

Basic Science Elective

Course Options:

BIOL 101, Comp 001, 002,

Humanities Elective

General Elective (Options: To be determined in consultation with advisor) (3)

Social Science Elective

CIEG Elective

Technical Elective

African-American Elective (Options: see Elective Group Descriptions)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions) 3

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## Computer Science

### Computer Science (B.S.)

The undergraduate degree in computer science is a stepping stone for students interested in computer science careers or graduate studies in computer science or programming.

NOTES: \*Students should complete one of their divisional requirements within the African American course cluster. Students must make two science lecture and lab subjects chosen from Physics, Biology and Chemistry. One science subject must be taken for two semesters (i.e. CHEM 003 and CHEM 005 and CHEM 004 and CHEM 006).

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Technical Electives-(Courses under code BIOL, CHEM, PHYS, MATH, ECON, CIEG, CHEG,CSCI, SYCS, INFO,EECE, & MEEG level 000 to 299). Must be chosen with the approval of the student's academic advisor.

\*\*\*\*Non-Technical Electives-(Courses other than those under code BIOL, CHEM, PHYS, MATH, ECON, CIEG, CHEG,CSCI, SYCS, INFO,EECE, & MEEG level 000 to 299)

**Type:** B.S.

## Freshman Year First Semester

\*Non-Technical Elective (Divisional studies A, B or C)

\*\*Freshman Composition I (ENGW 002 or ENGW 004).

Item #	Title	Credits
CSCI 120	Explorations in Computer Science	2
	Non-Technical Elective	3
	English Writing Course	3
	Science Lecture A	4
	Science Lab A	0
CSCI 100	Intro to Computer Science	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

\*Freshman Composition II (ENGW 003 or ENGW 005).

Item #	Title	Credits
CSCI 135	Computer Science I (Python)	4
CSCI 211	Unix Lab	1
MATH 156	Calculus I	4
	English Writing Course	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
CSCI 136	Computer Science II	3
CSCI 201	Computer Organization I	3
MATH 157	Calculus II	4
	Science Lecture B (1)	4
	Science Lab B (1)	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

Item #	Title	Credits
CSCI 354	Computer Science III	3
CSCI 375	Software Engineering	3
CSCI 202	Computer Organization II	3
MATH 181	Discrete Structures	3
	Science Lecture B (2)	4
	Science Lab B (2)	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
CSCI 341	Theory of Computation	3
CSCI 401	Operating Systems	3
CSCI 470	Fundamentals of Algorithms	3
CSCI 449	Intro to Computer Networks	3
CSCI 453	Intro to Cyber Security I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
CSCI 350	Structure of Program Language	3
	Technical Elective	3
CSCI 432	Database Systems	3
ENGL 009	Tech Writing Pre-Professional	3
MATH 180	Intro to Linear Algebra	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
CSCI 491	Senior Project I	3
CSCI 363	Large Scale Programming	3
CSCI 473	Applied Data Science	3
	Technical Elective	3
	Technical Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Non-Technical Elective (Divisional studies A, B or C)

Item #	Title	Credits
CSCI 492	Senior Project II	3
	Technical Elective	3
	Technical Elective	3
	Non-Technical Elective	3
	Non-Technical Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Category Descriptions

### Non-Technical Elective

#### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

#### Science Lecture A

#### Science Lab A

#### Science Lecture B (1)

#### Science Lab B (1)

#### Science Lecture B (2)

#### Science Lab B (2)

### Technical Elective

## Electrical Engineering

### Electrical Engineering (B.S.)

Students seeking a Bachelor of Science in Electrical Engineering must complete a minimum of 120 credit hours including core courses in Electrical Engineering, Computer Programming, Mathematics, Science, and Liberal Arts, humanities / Social Sciences, and African American Studies. This program is accredited by the Engineering Accreditation Commission of ABET.

NOTES: EECE 212 & 218 (Fall) followed by EECE 406 & 412 (Spring) can be taken in the Freshman year if the students schedule requires adjustment due to math placement or course scheduling conflicts.

The two-semester English writing sequence is determined by the placement exam:

Students placed into ENGW 102 must take ENGW 103 to complete their writing sequence

Students placed into ENGW 104 must take ENGW 105 to complete their writing sequence

Preferred Humanities courses are: PHIL-051 (Principles of Reasoning) or PHIL-175 (Symbolic Logic)

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Engineering Science Elective (Courses under EECE & CIEG)

\*\*\*\*EE/CpE Elective (Options: Courses under code EECE)

**Type:** B.S.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 156	Calculus I	4
EGPP 101	Introduction to Engineering	2
CSCI 135	Computer Science I (Python)	4
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

\*Choose ENGW 104 or ENGW 102

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 157	Calculus II	4
EECE 102	Intro to Elec & Comp Eng	1
EECE 260	Eng. Programming & Application	3
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
ENGW 104	Writing, Literacy & Discourse	3
ENGW 102	Expository Wrtg & Literacy Stu	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
EECE 212	Fundamental of Digital Systems	4
EECE 218	Fund of Digital Systems Lab	1
MATH 159	Differential Equations	4
<b>Sub-Total Credits</b>		<b>17</b>

## Sophomore Year Second Semester

\*Choose ENGW 105 or ENGW 103.

Item #	Title	Credits
EECE 160	Engineering Math	4
EECE 203	Fundamental of Circuit Theory	4
EECE 209	Fundl of Circuit Theory Lab	1
ENGW 105	Reflect. Wrting Portf- MAJORS	3
ENGW 103	Persuasive Writing & Research	3
	Social Science Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
EECE 305	Fund: Electromagnetics	4
EECE 306	Fund: Electromagnetics Lab	1
EECE 309	Fund: Electronics & SS Devices	4
EECE 312	Fund: Elec & SS Devices Lab	1
EECE 331	Random Variables&Prob for Engr	3
	Humanities Elective	3
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
EECE 333	Fndmntls of Signals & Systems	4
EECE 325	Fundamentals of Energy Systems	4
EECE 326	Fndmnts of Energy Systems Lab	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Math/Science Elective Course	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
EECE 401	Senior Design I	3
	EE/CpE Elective	3
	EE/CpE Elective	3
	EE/CpE Elective	3
	EE/CpE Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
EECE 404	Senior Design II	3
ECON 001	Principles of Economics I	3
	EE/CpE Elective	3
	EE/CpE Elective	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Social Science Elective

### Humanities Elective

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Math/Science Elective Course

### EE/CpE Elective



# Architecture

## Architecture (B.ARCH.)

The Department of Architecture offers a program of study leading to the five-year Bachelor of Architecture (B.Arch.) professional degree accredited by the National Architectural Accreditation Board (NAAB). The program places emphasis on student competence in the following pragmatic areas: design, inquiry/research, architectural history and theory, human behavior and environment, technical systems, computer usage and professional practice. Study in these areas provides the student with fundamental design and communication skills through critical thinking, conflict resolution, visual literacy, knowledge of forces that shape and influence societal and human affairs and the impact of new technologies in an ever- changing world test.

**Type:** B.ARCH.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Liberal Arts or Studies Elective (Divisional Studies A-D courses)

\*\*\*\*Professional Elective (Courses under subject code ARCH)

**Type:** B.ARCH.

### Freshman Year First Semester

Item #	Title	Credits
	Freshman Composition	3
ARCH 003	Environment and Architecture	3
ARCH 150	Design Communications I	3
MATH 006	College Algebra I	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	Freshman Composition	3
MATH 007	Precalculus	4
ARCH 011	Elements of Architecture	3
ARCH 151	Design Communication II	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 199	Design I	6
ARCH 301	Architectural History Survey I	3
ARCH 401	Materials and Methods I	3
PHYS 008	Physics for Architects	4
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 200	Design II	6
ARCH 302	Architecture History Survey II	3
ARCH 402	Materials & Methods II	3
ARCH 511	Introduction to Computer Applications in Architecture	3
	Liberal Arts	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Lower Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 201	Design III	6
ARCH 521	Introduction to Environmental Systems I	3
ARCH 501	Structures I (Statics)	3
ARCH 901	Programming	3
	Professional Elective	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Lower Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 202	Design IV	6
ARCH 651	Principles of Urban Design	3
ARCH 522	Introduction to Environmental Systems II	3
ARCH 502	Structures II (Strength)	3
	Professional Elective	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Upper Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 203	Design V	6
ARCH 951	Construction Documents I	3
	Professional Elective	3
	Professional Elective	3
	Liberal Arts	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Upper Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 204	Design VI	6
	Professional Elective	3
	Professional Elective	3
	Liberal Arts	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior (5th) Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 205	Design VII	6
ARCH 891	Thesis Preparation	3
	Professional Elective	3
	Professional Elective	3
	Professional Elective	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Senior (5th) Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 206	Design VIII (Thesis)	6
ARCH 751	Professional Practice	3
	Professional Elective	3
	Liberal Studies Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>169</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

General Elective (Options: To be determined in consultation with advisor) (3)

Physical Education Elective (options: courses under subject code HHPL)

Liberal Arts

Professional Elective

## Liberal Studies Elective

# Chemical Engineering

## Chemical Engineering (B.S.)

The Bachelor of Science in Chemical Engineering (BSChE) degree program is accredited by the Engineering Accreditation Commission of ABET. Students seeking the (BSChE) degree must complete a minimum of 120 credits. This includes 62 credits in Math Sciences, Humanities, Social Sciences and 52 core Engineering credits. Chemical Engineering primarily deals with the many aspects of processes in which matter and energy undergo change. It is based on the sciences of chemistry, physics and mathematics and the principles of economics and environmental protection.

**Type:** B.S.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.S.

## Freshman Year First Semester

\*Choose between ENGW 101, 102, or 104.

Item #	Title	Credits
EGPP 101	Introduction to Engineering	2
MATH 156	Calculus I	4
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	English Writing Course	3
	Elective - Humanities/Social Sciences/African American Studies	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

\*Choose between ENGW 103 or ENGW 105

Item #	Title	Credits
CHEG 102	Intro to Engineering Design	3
MATH 157	Calculus II	4
CHEM 004	Gen Chemistry II	4
	English Writing Course	3
	Elective - Humanities/Social Sciences/African American Studies	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
CHEG 201	Chem Engineering Materials Bal	3
CSCI 165	Scientific Computing for Eng	3
MATH 158	Calculus III	4
CHEM 141	Organic Chemistry I (Lecture)	3
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
<b>Sub-Total Credits</b>		<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
CHEG 202	Chem Eng Energy Balances	3
MATH 159	Differential Equations	4
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
PHYS 014	Phys for Sci & Engr Lec II	3
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
CHEG 301	Fluid Mechanics	3
CHEG 303	Chem Engineering Thermodynamic	3
CHEM 171	Physical Chemistry I	3
CHEM 173	Physical Chem Lab I	2
EECE 310	Principles of Electronics	2
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
<b>Sub-Total Credits</b>		<b>14</b>

## Junior Year Second Semester

\*Technical Elective (Courses under code BIOL, CHEM, PHYS, MATH, ECON, CIEG, CHEG, CSCI, SYSC, INFO, EECE, & MEEG level 000 to 299)

Item #	Title	Credits
CHEG 302	Heat Transfer	3
CHEG 306	Chemical Engineering Analysis	3
CHEM 172	Physical Chemistry II	3
	Elective - Humanities/Social Sciences/African American Studies	3
	Technical Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEG 401	Separation Processes	3
CHEG 403	Chemical Engineering Kinetics	3
CHEG 413	Chemical Engineering Lab	3
CHEG 407	Process Design I	3
SLMC 101	Principles of Speech	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

\*Ch. E. Elective (Options: Courses under code CHEG)

\*Ch. E. Elective and Engineering Elective - To be determined in consultation with advisor.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEG 402	Process Control	3
CHEG 414	Process Design II	3
	Ch. E. Elective	3
	Engineering Elective (Options: Courses under code CHEG, EECE, MEEG, )	3
<b>Sub-Total Credits</b>		<b>12</b>
<b>Total credits:</b>		<b>123</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Elective - Humanities/Social Sciences/African American Studies

### Physical Education Elective (options: courses under subject code HHPL)

### Technical Elective

### Ch. E. Elective

### Engineering Elective (Options: Courses under code CHEG, EECE, MEEG, )

# Mechanical Engineering

## Mechanical Engineering (B.S.)

The Department of Mechanical Engineering offers studies leading to the Bachelor of Science in Mechanical Engineering. Mechanical Engineers apply the principles of mechanics and energy to the design of machines and devices. They must be able to control mechanical systems and usually work with other professionals in designing these systems. Automobiles, engines, heating and air-conditioning system, gas and steam turbines, air and space vehicles, trains, ships, servomechanisms, transmission mechanisms, machine tools, material handling systems, elevators and escalators, and robots used in industry are a few of the systems and devices requiring mechanical engineering knowledge.

**Type:** B.S.

### Technical Electives

- For technical electives in design and manufacturing, elective options include the following courses: MEEG 421, MEEG 443, MEEG 444, MEEG 445, and MEEG 450.
- For technical electives in energy, elective options include the following courses: MEEG 438, MEEG 445, MEEG 461, and MEEG 462
- For technical electives in applied mechanics and aerospace, elective options include the following courses: MEEG 308, MEEG 318, MEEG 416, MEEG 418, MEEG 445, and MEEG 447

**Type:** B.S.

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
MATH 156	Calculus I	4
CHEM 003	Gen Chemistry I	4
EGPP 101	Introduction to Engineering	2
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MATH 157	Calculus II	4
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
MEEG 103	Intro to Computer Aided Design	2
ECON 001	Principles of Economics I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Social Science/Humanities Elective	3
MATH 158	Calculus III	4
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
MEEG 207	Intro to Eng. Computations	3
CIEG 202	Statics	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 159	Differential Equations	4
CIEG 302	Dynamics	3
MEEG 204	Intro to Solid Mechanics	3
EECE 310	Principles of Electronics	2
MEEG 206	Solid Mechanics Lab	1
MEEG 209	Material Science	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MEEG 304	Thermodynamics	3
MEEG 307	Fluid Mechanics	3
MEEG 310	Mechanical Design I	3
MEEG 319	Manufacturing	3
MATH 189	Probability & Statistics I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MEEG 301	Systems Dynamics	3
MEEG 306	Applied Thermodynamics	3
MEEG 311	Mechanical Design II	3
MEEG 316	Instrumentation & Exper Lab	2
MEEG 320	Fluid Mechanics II	3
MEEG 350	Comp Aided Engineering	3
	<b>Sub-Total Credits</b>	<b>17</b>



## Senior Year First Semester

\*Technical Elective - Options: Courses under code MEEG

Item #	Title	Credits
MEEG 403	Heat Transfer	3
MEEG 423	Thermal/Fluid Science Lab	1
MEEG 441	Senior Project I	3
	Technical Elective	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

\*General Elective - Refer to Mechanical Engineering Undergraduate Handbook

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Social Science/Humanities Elective	3
MEEG 442	Senior Project II	3
	Technical Elective	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Physical Education Elective (options: courses under subject code HHPL)

### ENGW 103/105

### Social Science/Humanities Elective

### Technical Elective

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
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ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

General Elective (Options: To be determined in consultation with advisor) (3)

## Computer Engineering

### Computer Engineering (B.S.)

The Department offers a program of study geared to students who wish to pursue careers in the emerging field of software engineering. The undergraduate curriculum provides students with a comprehensive knowledge of the theory, design and application of digital computers, information processing technologies and systems engineering. The program is accredited by the Computing Accreditation Commission of ABET.

**Type:** B.S.

NOTES: EECE 212 & 218 (Fall) followed by EECE 406 & 412 (Spring) can be taken in the Freshman year if the students schedule requires adjustment due to math placement or course scheduling conflicts.

The two-semester English writing sequence is determined by the placement exam:

Students placed into ENGW 102 must take ENGW 103 to complete their writing sequence

Students placed into ENGW 104 must take ENGW 105 to complete their writing sequence

Preferred Humanities courses are: PHIL-051 (Principles of Reasoning) or PHIL-175 (Symbolic Logic)

**Type:** B.S.

### Freshman Year First Semester

Item #	Title	Credits
MATH 156	Calculus I	4
EGPP 101	Introduction to Engineering	2
CSCI 135	Computer Science I (Python)	4
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
<b>Sub-Total Credits</b>		<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
MATH 157	Calculus II	4
EECE 102	Intro to Elec & Comp Eng	1
EECE 260	Eng. Programming & Application	3
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
MATH 181	Discrete Structures	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 023, 024, 025	General Physics for Science and Engineering Students Laboratory	1
EECE 212	Fundamental of Digital Systems	4
EECE 218	Fund of Digital Systems Lab	1
MATH 159	Differential Equations	4
<b>Sub-Total Credits</b>		<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
EECE 160	Engineering Math	4
EECE 203	Fundamental of Circuit Theory	4
EECE 209	Fundl of Circuit Theory Lab	1
EECE 406	Adv Dig Systems Design	3
EECE 412	Adv Digital Systems Design Lab	1
<b>Sub-Total Credits</b>		<b>13</b>

## Junior Year First Semester

\*ENGW 104 or ENGW 102

Item #	Title	Credits
EECE 305	Fund: Electromagnetics	4
EECE 306	Fund: Electromagnetics Lab	1
EECE 309	Fund: Electronics & SS Devices	4
EECE 312	Fund: Elec & SS Devices Lab	1
EECE 331	Random Variables&Prob for Engr	3
ENGW 104	Writing, Literacy & Discourse	3
ENGW 102	Expository Wrtg & Literacy Stu	3
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year Second Semester

\*ENGW 105 or ENGW 103

Item #	Title	Credits
EECE 333	Fndmntls of Signals & Systems	4
EECE 416	Micrcomputer Design	3
EECE 410	Intro to Computer Networks	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
ENGW 105	Reflect. Wrting Portf- MAJORS	3
ENGW 103	Persuasive Writing & Research	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
EECE 401	Senior Design I	3
EECE 420	Intro to VLSI Design	3
EECE 423	Intro. to VLSI Design Lab	1
CSCI 201	Computer Organization I	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

CpE Elective (Courses under code SYSC or CSCI)

Item #	Title	Credits
EECE 404	Senior Design II	3
ECON 001	Principles of Economics I	3
	CpE Elective	3
	Math/Science Elective Course	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3

POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Social Science Elective

### CpE Elective

### Math/Science Elective Course

### Humanities Elective

## School of Business

### Finance & International Business

## Finance

### Finance (B.B.A.)

The Finance program offers a comprehensive, intensive, and rigorous curriculum for students who wish to pursue careers in corporate finance, investments, investment banking, commercial banking, financial analysis, personal financial planning, and other areas of the global financial services industry.

**IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.**

**Type:** B.B.A.

**Type:** B.B.A.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
MATH 010	College Algebra II	4
PSYC 050	Intro to Psychology	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
INFO 010	Business Problem Solving	2
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
ECON 001	Principles of Economics I	3
MATH 026	Applied Calculus	4
ACCT 201	Accounting Principles I	3
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

\*Literature Elective (Courses under AFRO, AFST, SPAN, ENGG, ENGL)

\*\*Physical Education - One course should be Physical Education - Activity and the other should be Physical Education - Health.

Item #	Title	Credits
ECON 002	Principles of Economics II	3
	Literature Elective	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
ACCT 202	Accounting Principles II	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ECON 180	Statistics for Business and Economics	3
	History or Political Sci. Elective (Options: Courses in codes HIST or POLS)	3
	Foreign Language (Level 2+)	3
INFO 204	Mgmt Inform Sys	3
FINA 312	Bus. Finance (Majors)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
INFO 311	Quant Business Analysis	3
BCOM 320	Business Communications	3
MGMT 301	Management & OB	3
FINA 313	Financial Management	3
MKTG 301	Principles of Marketing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FINA 330	Principles of Investments	3
FINA 363	Financial Model & Analysis	3
BLAW 305	Business Law I	3
BECN 330	Managerial Economics	3
MGMT 351	Entrepreneurship General	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Finance Elective (Courses under subject code FINA)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 335	Prod & Operations Management	3
	Finance Elective	3
	Finance Elective	3
	Philosophy (Elective)	3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*Finance Elective (Courses under subject code FINA)

\*\*Non-Business Elective (Courses level 000 to 299)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FINA 380	Bus Fin Policy & Decision Mkg	3
	Finance Elective	3
MGMT 390	Business Policy	3
	Non-Business Elective	3
	Non-Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Literature Elective

Courses under AFRO, AFST, SPAN, ENGG, & ENGL

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### Physical Education Elective (options: courses under subject code HHPL)

### History or Political Sci. Elective (Options: Courses in codes HIST or POLS)

### Foreign Language (Level 2+)

### Finance Elective

### Philosophy (Elective)

### Science Elective



Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

## Non-Business Elective

### Finance – Actuarial Science Concentration (B.B.A.)

The Finance program with the Actuarial Science concentration at Howard University offers a comprehensive, intensive, and rigorous curriculum for students who wish to pursue careers in corporate finance, investments, investment banking, financial analysis, personal financial planning, and other areas of the global financial services industry. The department is also affiliated with the two professional industry centers: the centers for Insurance Education (CIE) and the Center for Financial Services (CFS).

**IMPORTANT: \*A grade of “C” or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.**

**Type:** B.B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition, English, or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.B.A.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
MATH 156	Calculus I	4
PSYC 050	Intro to Psychology	3
	History or Political Sci. Elective (Options: Courses in codes HIST or POLS)	3
INFO 010	Business Problem Solving	2
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
MATH 157	Calculus II	4
ECON 001	Principles of Economics I	3
ACCT 201	Accounting Principles I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 159	Differential Equations	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
ECON 002	Principles of Economics II	3
ACCT 202	Accounting Principles II	3
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MATH 189	Probability & Statistics I	3
	Foreign Language (Level 2+)	3
INFO 204	Mgmt Inform Sys	3
FINA 312	Bus. Finance (Majors)	3
MATH 168	Actuarial Science Lab I	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
INSU 350	Risk & Insurance	3
MATH 190	Probability & Statistics II	3
BCOM 320	Business Communications	3
INFO 311	Quant Business Analysis	3
MKTG 301	Principles of Marketing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
FINA 363	Financial Model & Analysis	3
INSU 351	Life & Health Insurance	3
BLAW 305	Business Law I	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
BEEN 330	Managerial Economics	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FINA 313	Financial Management	3
INSU 352	Property Liability Insurance	3
MATH 193	Actuarial Science Seminar	3
ECON 184	Introduction to Econometrics	3
MGMT 301	Management & OB	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FINA 380	Bus Fin Policy & Decision Mkg	3
INSU 354	Risk Management	3
INFO 335	Prod & Operations Management	3
MGMT 390	Business Policy	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### History or Political Sci. Elective (Options: Courses in codes HIST or POLS)

### Physical Education Elective (options: courses under subject code HHPL)

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

## Foreign Language (Level 2+)

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

## Finance — Risk Management & Insurance Concentration (B.B.A)

The Finance program with the Risk Management & Insurance concentration at Howard University offers a comprehensive, intensive, and rigorous curriculum for students who wish to pursue careers in the insurance industry, finance, investments, financial analysis, personal financial planning, and other areas of the global financial services industry. The department is also affiliated with the two professional industry centers: the centers for Insurance Education (CIE) and the Center for Financial Services (CFS).

**IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.**

**Type:** B.B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition, English, or Writing Course (Courses under subject code ENGL or ENGW)

**Type:** B.B.A.

## Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
MATH 010	College Algebra II	4
PSYC 050	Intro to Psychology	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
INFO 010	Business Problem Solving	2
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
MATH 026	Applied Calculus	4
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 011	Business Orientation II	1
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year First Semester

\*Literature Elective (Courses under AFRO, AFST, SPAN, ENGG, ENGL)

Item #	Title	Credits
ECON 002	Principles of Economics II	3
	Literature Elective	3
ACCT 202	Accounting Principles II	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 001	Career Counseling in Business	1
<b>Sub-Total Credits</b>		<b>14</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ECON 180	Statistics for Business and Economics	3
	Foreign Language (Level 2+)	3
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
INFO 204	Mgmt Inform Sys	3
FINA 312	Bus. Finance (Majors)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

\*Science Elective (Courses under CHEM, PHYS, BIOL, BIOG, BIOC)

Item #	Title	Credits
INSU 350	Risk & Insurance	3
BCOM 320	Business Communications	3
INFO 311	Quant Business Analysis	3
	Science Elective	3
MKTG 301	Principles of Marketing	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INSU 351	Life & Health Insurance	3
FINA 363	Financial Model & Analysis	3
BLAW 305	Business Law I	3
BECN 330	Managerial Economics	3
	Finance Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Non-Business Elective (Courses level 000 to 299)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FINA 313	Financial Management	3
FINA 330	Principles of Investments	3
INSU 352	Property Liability Insurance	3
MGMT 301	Management & OB	3
	Non-Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FINA 380	Bus Fin Policy & Decision Mkg	3
INSU 354	Risk Management	3
MGMT 351	Entrepreneurship General	3
INFO 335	Prod & Operations Management	3
MGMT 390	Business Policy	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3

HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

Physical Education Elective (options: courses under subject code HHPL)

Literature Elective

Courses under AFRO, AFST, SPAN, ENGG, & ENGL

Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

Foreign Language (Level 2+)

History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

Finance Elective

Non-Business Elective

# International Business

## International Business (B.B.A.)

The International Business program at Howard University offers a Bachelors of Business Administration degree in two concentrations which are Functional and Regional. The Functional concentration includes courses in Finance, Risk Management & Insurance, Marketing, Accounting, Management, Information Systems, Supply Chain Management, etc. The Regional concentration covers emerging Nations, Europe, Latin America, Middle East/North Africa, and Sub-Saharan Africa.

### IMPORTANT:

\*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.

\*\*International business majors must complete a minimum of 4 semesters of a non-native foreign language, starting at level two or above, with one semester at the conversational level. IB majors who complete the conversational level in less than four semesters may choose to take another language until the four-semester foreign language minimum is completed. Students without Level 1 credits must complete these courses or their equivalent before taking Level 2+.

\*\*\*International Business majors with a Functional Area Concentration in Finance must enroll in FINA 312.

Students must select a Functional or Regional Concentration.

**Type:** B.B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Int'l Business Elective (Courses under INBU)

\*\*\*\*Functional Area (Courses under ACCT, FINA, MGMT, BECN, MKTG, or ECON)

**Type:** B.B.A.

## Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
MATH 010	College Algebra II	4
	Foreign Language (Level 2+)	3
INFO 010	Business Problem Solving	2
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>14</b>



## Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
MATH 026	Applied Calculus	4
	Foreign Language (Level 3+)	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
PSYC 050	Intro to Psychology	3
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Foreign Language (Level 4+)	3
ECON 001	Principles of Economics I	3
ACCT 201	Accounting Principles I	3
INFO 204	Mgmt Inform Sys	3
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Foreign Language (Conversation)	3
ECON 002	Principles of Economics II	3
ACCT 202	Accounting Principles II	3
ECON 180	Statistics for Business and Economics	3
BCOM 320	Business Communications	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
INFO 311	Quant Business Analysis	3
INBU 300	Principles of Intrn'l Business	3
MKTG 301	Principles of Marketing	3
BLAW 305	Business Law I	3
MGMT 301	Management & OB	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 335	Prod & Operations Management	3
INBU 320	International Marketing	3
FINA 311	Finance Principles	3
	Science Elective	3
ANTH 110	Intro to Cult Anthropology	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INBU 340	International Financial Mgmt	3
	Int'l Business Elective	3
BECN 330	Managerial Economics	3
	Sequence Elective	3
	Sequence Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INBU 360	Management of Intern'l Bus	3
MGMT 390	Business Policy	3
	Sequence Elective	3
	Sequence Elective	3
POLS 001	Introduction to Political Science	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language (Level 2+)

### Physical Education Elective (options: courses under subject code HHPL)

### Foreign Language (Level 3+)

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Foreign Language (Level 4+)

### Foreign Language (Conversation)

### Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

### Int'l Business Elective

Courses under subject code INBU

### Sequence Elective

#### **Accounting Sequence**

ACCT 310	Intermediate Accounting I	3
ACCT 311	Intermediate Accounting II	3

\*2 additional Accounting Courses (ACCT \*\*\*)

#### **Finance Sequence**

FINA 313	Financial Management	3
FINA 380	Bus Fin Policy & Decision Mkg	3

\*2 Additional Finance, Insurance, and/or Real Estate Courses.

#### **Computer Information Systems**

INFO 210	Intro to Software Design	3
INFO 330	Data Base Management	3
INFO 370	Systems Analysis & Design	3

INFO 385	Introduction to e-Business	3
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### **Insurance**

INSU 350	Risk & Insurance	3
INSU 351	Life & Health Insurance	3
INSU 352	Property Liability Insurance	3
INSU 354	Risk Management	3

### **Management**

MGMT 303	Human Resources Mgmt	3
MGMT 351	Entrepreneurship General	3

\*2 Additional Courses in Management and/or Hospitality.

### **Marketing**

MKTG 315	Marketing Research	3
MKTG 399	Marketing Planning & Strategy	3

\*2 Additional Marketing Courses (MKTG).

### **Supply Chain Management**

SCHM 211	Introduction to Logistics	3
SCHM 340	Procurement	3
SCHM 390	Supply Chain Integration	3
INFO 396	Project Management	3

### **Entrepreneurship**

MGMT 350	Management of Small Business	3
MGMT 351	Entrepreneurship General	3
MGMT 355	New Venture Development	3
INBU 380	International Entrepreneurship	3
MGMT 356	Entrepreneurial Externship	3

### **Regional - Asia**

Recommended Language(s): Chinese, Japanese, Korean

Consult with Finance & Int'l Business Department Chairperson for Requirements

Availability and Prerequisites are subject to change according to the host department

### **Regional - Emerging Nations**

ECON 192	International Commercial Policy	3
ECON 194	Theory of Economic Development	3
POLS 128	Intro. to Intl. Relations	3

POLS 170	Govt & Pol of Cent Am & Carib	3
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Recommended Language(s): Arabic, Chinese, French, Portuguese, Spanish.

Availability and Prerequisites are subject to change according to the host department

### **Regional - Europe**

ECON 192	International Commercial Policy	3
HIST 101	World Geography	3
POLS 128	Intro. to Intl. Relations	3
POLS 170	Govt & Pol of Cent Am & Carib	3

Recommended Language(s): French, German, Russian, Spanish

Availability and Prerequisites are subject to change according to the host department

### **Regional - Latin America**

ECON 192	International Commercial Policy	3
HIST 142	Latin History to 1825	3
HIST 143	Latin America Since 1825	3
POLS 170	Govt & Pol of Cent Am & Carib	3

Recommended Language(s): Portuguese, Spanish

Availability and Prerequisites are subject to change according to the host department

### **Regional - Middle East & North Africa**

ECON 192	International Commercial Policy	3
ECON 194	Theory of Economic Development	3
HIST 192	Islam in Africa	3
POLS 128	Intro. to Intl. Relations	3

Recommended Language(s): Arabic, Farsi, French

Availability and Prerequisites are subject to change according to the host department

### **Regional - Sub-Saharan Africa**

ECON 186	Economic Development in Africa	3
POLS 006	Pan-Africanism	3
POLS 128	Intro. to Intl. Relations	3
POLS 176	Govt & Pol in Tropical Africa	3

French, Portuguese, Swahili, Wolof

Availability and Prerequisites are subject to change according to the host department

# Information Systems & Supply Chain Management

## Computer Information Systems (B.B.A.)

The Department of Information Systems in the Howard University School of Business supports the core Business Administration curriculum and offers a degree programs at the undergraduate level (Computer Information Systems). The Information System major integrates business and computing. Information Systems focuses primarily on the role that information and technology play in creating business solutions.

IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.

**Type:** B.B.A.

\*General Electives (Courses level 000 to 299)

**Type:** B.B.A.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
MATH 010	College Algebra II	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
INFO 010	Business Problem Solving	2
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
MATH 026	Applied Calculus	4
	Foreign Language (Level 2+)	3
PSYC 050	Intro to Psychology	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 180	Statistics for Business and Economics	3
ECON 001	Principles of Economics I	3
ACCT 201	Accounting Principles I	3
INFO 204	Mgmt Inform Sys	3
MGMT 001	Career Counseling in Business	1
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
ECON 002	Principles of Economics II	3
ACCT 202	Accounting Principles II	3
INFO 210	Intro to Software Design	3
BCOM 320	Business Communications	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*Science Elective (Courses under CHEM, PHYS, BIOL, BIOG, and BIOC)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 311	Quant Business Analysis	3
INFO 330	Data Base Management	3
	Science Elective	3
MGMT 301	Management & OB	3
MKTG 301	Principles of Marketing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 335	Prod & Operations Management	3
FINA 311	Finance Principles	3
BLAW 305	Business Law I	3
INFO 370	Systems Analysis & Design	3
	Programming Language	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Non-Business Elective (Courses level 000 to 299)

Item #	Title	Credits
	Computer Information Systems Elective* (Options: Courses under code INFO)	3
	Computer Information Systems Elective* (Options: Courses under code INFO)	3
BECN 330	Managerial Economics	3
	Non-Business Elective	3
	Non-Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
INFO 398	Info Sys Consulting	3
MGMT 351	Entrepreneurship General	3
	Computer Information Systems Elective* (Options: Courses under code INFO)	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
MGMT 390	Business Policy	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3



### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Foreign Language (Level 2+)

### Physical Education Elective (options: courses under subject code HHPL)

### History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

### Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

### Programming Language

Courses with subject code INFO.

### Computer Information Systems Elective\* (Options: Courses under code INFO)

INFO 101	Cooperative Program I	2
INFO 102	Cooperative Program II	2
INFO 202	Computer Introduction	1
INFO 204	Mgmt Inform Sys	3
INFO 210	Intro to Software Design	3
INFO 300	Structured COBOL Programming I	3
INFO 302	Introduction to C Language Programming	3

### Non-Business Elective

### Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

## Supply Chain Management (B.B.A.)

The undergraduate academic program leads to the degree of Bachelor of Business Administration with a major in Supply Chain Management (SCM). The Supply Chain Management discipline teaches students about the identification, acquisition, access, positioning, management of resources and related capabilities a company needs or potentially needs in the attainment of its strategic objectives.

IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.

**Type:** B.B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

\*\*\*SCHM Elective (Options: Courses under subject code SCHM)

\*\*\*\*Non-Business Elective (Courses level 000 to 299)

**Type:** B.B.A.

## Freshman Year First Semester

Item #	Title	Credits
	Freshman Composition	3
MATH 010	College Algebra II	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
INFO 010	Business Problem Solving	2
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	Freshman Composition	3
MATH 026	Applied Calculus	4
	Foreign Language (Level 2+)	3
PSYC 050	Intro to Psychology	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
ECON 001	Principles of Economics I	3
ACCT 201	Accounting Principles I	3
INFO 204	Mgmt Inform Sys	3
ECON 180	Statistics for Business and Economics	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

\*Literature Elective (Courses under subject codes AFRO, AFST, SPAN, ENGG, and ENGL)

Item #	Title	Credits
ECON 002	Principles of Economics II	3
ACCT 202	Accounting Principles II	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Literature Elective	3
BCOM 320	Business Communications	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
SCHM 211	Introduction to Logistics	3
INFO 311	Quant Business Analysis	3
MGMT 301	Management & OB	3
FINA 311	Finance Principles	3
MKTG 301	Principles of Marketing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

\*Science Elective (Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC)

Item #	Title	Credits
INFO 335	Prod & Operations Management	3
SCHM 340	Procurement	3
BLAW 305	Business Law I	3
BECN 330	Managerial Economics	3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
INFO 396	Project Management	3
SCHM 360	Negotiations Fundamentals	3
	SCHM Elective	3
	SCHM Elective	3
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	SCHM Elective	3
SCHM 390	Supply Chain Integration	3
MGMT 351	Entrepreneurship General	3
MGMT 390	Business Policy	3
	Non-Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3

Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

Foreign Language (Level 2+)

Physical Education Elective (options: courses under subject code HHPL)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

Literature Elective

Courses under AFRO, AFST, SPAN, ENGG, & ENGL

Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

SCHM Elective

Options: Courses under subject code SCHM

Philosophy (Elective)

Non-Business Elective

# Accounting

## Accounting (B.B.A.)

The Accounting Curriculum, which offers a Bachelor of Business Administration degree, is accredited by the AACSB International (Association for the Advancement of Collegiate Schools of Business). Howard's Accounting Program is the first to be accredited in Washington, DC and the metropolitan area and one of approximately 150 accredited accounting programs in the United States. The accreditation for the School of Business is highly regarded by both employers and potential students.

IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.

**Type:** B.B.A.

**Type:** B.B.A.

### Freshman Year First Semester

\*English Writing Course (Courses under subject code ENGL and ENGW).

Item #	Title	Credits
	English Writing Course	3
MATH 010	College Algebra II	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
INFO 010	Business Problem Solving	2
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

\*English Writing Course (Courses under subject code ENGL and ENGW).

Item #	Title	Credits
	English Writing Course	3
MATH 026	Applied Calculus	4
	Foreign Language (Level 2+)	3
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
PSYC 050	Intro to Psychology	3
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

\*Science Elective (Courses under CHEM, PHYS, BIOL, BIOG, and BIOC)

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
INFO 204	Mgmt Inform Sys	3
	Science Elective	3
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ACCT 202	Accounting Principles II	3
ECON 002	Principles of Economics II	3
ECON 180	Statistics for Business and Economics	3
BCOM 320	Business Communications	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year First Semester

Item #	Title	Credits
ACCT 310	Intermediate Accounting I	3
ACCT 350	Acct Info Systems	3
INFO 311	Quant Business Analysis	3
MGMT 301	Management & OB	3
	Philosophy (Elective)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
ACCT 311	Intermediate Accounting II	3
ACCT 320	Cost Accounting I	3
MKTG 301	Principles of Marketing	3
BLAW 305	Business Law I	3
FINA 311	Finance Principles	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 318	Tax Principles & Procedures	3
ACCT 340	Auditing I	3
MGMT 351	Entrepreneurship General	3
BECN 330	Managerial Economics	3
INFO 335	Prod & Operations Management	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 330	Advanced Accounting	3
	Accounting Elective (options: 3 credit course in code ACCT, requires advisors approval)	3
	Accounting Elective (options: 3 credit course in code ACCT, requires advisors approval)	3
MGMT 390	Business Policy	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
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ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Foreign Language (Level 2+)

### History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

### Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

### Physical Education Elective (options: courses under subject code HHPL)

### Philosophy (Elective)

### Accounting Elective (options: 3 credit course in code ACCT, requires advisors approval)

### Humanities Elective

## Management

### Management (B.B.A.)

The management program is Built upon a basic foundation of general education and the business core, the undergraduate program clearly offers a broad-based professional education in management. We are in an era in which professional interests and larger social considerations tend to be in conflict at every turn, and professional education programs all over the country are competing with one another in their attempts to develop the ideal curriculum. A sound undergraduate business education must emphasize the broader facets of the general education requirements as well as the business core subjects. In our times of growing social awareness, meeting this challenge would appear to be essential. It is important, therefore, to emphasize that our program is designed to prepare our graduates to meet both professional and societal expectations.

**IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.**

**Type:** B.B.A.

\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*Literature Elective (Courses under AFRO, AFST, SPAN, ENGG, & ENGL)

\*\*\*Science Elective (Courses under CHEM, PHYS, BIOL, BIOG, and BIOC)

\*\*\*\*Non-Business Elective (Courses level 000 to 299)

\*\*\*\*\*Management Elective (Options: Courses under subject code MGMT)

**Type:** B.B.A.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
MATH 010	College Algebra II	4
	Foreign Language * (Options: see Elective Group Descriptions)	3
	History or Political Sci. Elective (Options: Courses in codes HIST or POLS)	3
INFO 010	Business Problem Solving	2
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
MATH 026	Applied Calculus	4
	Foreign Language (Level 2+)	3
PSYC 050	Intro to Psychology	3
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 001	Principles of Economics I	3
ACCT 201	Accounting Principles I	3
	Literature Elective	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 002	Principles of Economics II	3
ACCT 202	Accounting Principles II	3
INFO 204	Mgmt Inform Sys	3
ECON 180	Statistics for Business and Economics	3
BCOM 320	Business Communications	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 311	Quant Business Analysis	3
MGMT 301	Management & OB	3
FINA 311	Finance Principles	3
MKTG 301	Principles of Marketing	3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INFO 335	Prod & Operations Management	3
MGMT 302	Adv. Organ Behavior	3
MGMT 303	Human Resources Mgmt	3
BLAW 305	Business Law I	3
	Non-Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*Choose MGMT 304 - Labor Mngt Relations (3crs) or MGMT 350 - Mngt of Small Business (3crs)

Item #	Title	Credits
	MGMT 304 or MGMT 350	3
MGMT 331	Decision Making	3
MGMT 351	Entrepreneurship General	3
	Management Elective	3
BECN 330	Managerial Economics	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
MGMT 380	Seminar in Management	3
MGMT 390	Business Policy	3
	Management Elective	3
	Non-Business Elective	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### History or Political Sci. Elective (Options: Courses in codes HIST or POLS)

## Foreign Language (Level 2+)

## Literature Elective

Courses under AFRO, AFST, SPAN, ENGG, & ENGL

## Physical Education Elective (options: courses under subject code HHPL)

## Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

## Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

## Non-Business Elective

## MGMT 304 or MGMT 350

## Management Elective

## Philosophy Elective \* (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

# Marketing

## Marketing (B.B.A.)

The Marketing Program, which offers a Bachelor of Business Administration degree, provides students with exposure to and depth of immersion in Marketing needed to understand how for-profit and non-profit organizations need to operate successfully and be productive and efficient in a market-oriented economy.

**IMPORTANT: \*A grade of "C" or better must be earned in each of the two required math courses in order to fulfill the math requirement and in order to enroll in each and every school of business junior-level and senior-level course. Only 3 credit hours will be awarded for each required math course.**

**Type:** B.B.A.

\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*Literature Elective (Courses under AFRO, AFST, SPAN, ENGG, & ENGL)

\*\*\*Science Elective (Courses under CHEM, PHYS, BIOL, BIOG, and BIOC)

\*\*\*\*Marketing Elective (Options: Courses under code MKTG)

\*\*\*\*\*Non-Business Elective (Courses level 000 to 299)

**Type:** B.B.A.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
MATH 010	College Algebra II	4
PSYC 050	Intro to Psychology	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
INFO 010	Business Problem Solving	2
MGMT 010	Business Orientation	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	English Writing Course	3
MATH 026	Applied Calculus	4
ACCT 201	Accounting Principles I	3
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

\*HHPL Elective(s) - Activity (1) and Health (1)

Item #	Title	Credits
ECON 002	Principles of Economics II	3
	Literature Elective	3
ACCT 202	Accounting Principles II	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Physical Education Elective (options: courses under subject code HHPL)	1
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ECON 180	Statistics for Business and Economics	3
BCOM 320	Business Communications	3
	Foreign Language (Level 2+)	3
INFO 204	Mgmt Inform Sys	3
MKTG 301	Principles of Marketing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
INFO 311	Quant Business Analysis	3
MKTG 310	Consumer Behavior	3
MGMT 301	Management & OB	3
FINA 311	Finance Principles	3
MKTG 315	Marketing Research	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
BECN 330	Managerial Economics	3
MKTG 361	Marketing Analytics	3
BLAW 305	Business Law I	3
MGMT 351	Entrepreneurship General	3
	Non-Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
INFO 335	Prod & Operations Management	3
MKTG 320	Marketing Communications	3
	Marketing Elective	3
	Philosophy (Elective)	3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
MKTG 399	Marketing Planning & Strategy	3
	Marketing Elective	3
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
MGMT 390	Business Policy	3
	Non-Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Literature Elective

Courses under AFRO, AFST, SPAN, ENGG, & ENGL



Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Physical Education Elective (options: courses under subject code HHPL)

Foreign Language (Level 2+)

Non-Business Elective

Marketing Elective

Philosophy (Elective)

Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

## Cathy Hughes School of Communications

## Department of Media, Journalism and Film (MJFC)

# Media, Journalism & Film

## Media, Journalism and Film — Audio Sequence (B.A.)

The Department of Media, Journalism and Film (MJFC) prepares students for the media world of today and the future through core and cluster courses. The MJFC department draws from the fields of digital audio/radio, digital video/television, and film production, scriptwriting and reporting, and broadcast (i.e. radio and television), print, mobile and online news. The MJFC Department addresses current industry standards, technological trends of convergence and community needs, while meeting the university's historical mission.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

\*\*\*Minor Elective (Courses level 000 to 299 in identified subject for Minor)

\*\*\*\*Major Elective (Courses under MJFC)

**Type:** B.A.

## Freshman Year First Semester

\*MATH 006 or higher

Item #	Title	Credits
SCOM 102	Intro: Comm. Prof. Dev.	1
SCOM 120	Digital Media Literacy	3
	Social Science Elective	3
	Freshman Composition	3
MATH 006	College Algebra I	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

Item #	Title	Credits
MJFC 101	Intro to Mass Communications	3
SCOM 130	Ethical Issues in Communication	3
	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

\*Co-Curricular (Courses under subject code MJFC)

Item #	Title	Credits
MJFC 200	Intro to MediaProduction	3
MJFC 225	History of Broadcast & Film	3
	Co-Curricular	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Natural Science Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MJFC 340	Scriptwriting	3
MJFC 331	Audio for TV & Film	3
MJFC 211	Announcing and Interviewing (Podcast)	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

\*General Elective (Fine Arts)

Item #	Title	Credits
MJFC 330	Multimedia Audio Production	3
MJFC 332	Contemp.Topics:Music Media	3
MJFC 301	Co-Curricular: Audio	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Social Science Elective	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
MJFC 340	Scriptwriting	3
MJFC 331	Audio for TV & Film	3
	Social Science Elective	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*General Elective (Fine Arts)

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
MJFC 410	Audio Engineering	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Social Science Elective	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
MJFC 457	Audio Practicum	1
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	MJFC 462/463 - Advanced Audio Production	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Social Science Elective

### Freshman Composition

Courses under ENGL

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3

Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

Physical Education Elective (options: courses under subject code HHPL)

Co-Curricular

General Elective (Options: To be determined in consultation with advisor) (3)

Natural Science Elective

Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

Major Elective (Options: To be determined in consultation with advisor) (3)

MJFC 462/463 - Advanced Audio Production

**Media, Journalism and Film — Journalism Sequence (B.A.)**

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**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGL or ENGW)

\*\*\*Minor Course (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SCOM 102	Intro: Comm. Prof. Dev.	1
SCOM 120	Digital Media Literacy	3
	Freshman Composition	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	U.S. History	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MJFC 101	Intro to Mass Communications	3
SCOM 130	Ethical Issues in Communication	3
MJFC 100	Fundamentals of Journalism	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Freshman Composition	3
SLMC 101	Principles of Speech	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>19</b>

### Sophomore Year First Semester

\*ENGL Course Above 003 (Courses under subject code ENGL).

\*\*MATH Elective - MATH 006 or higher.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MJFC 200	Intro to MediaProduction	3
PHIL 051	Principles of Reasoning	3
	Math Elective (Options: Courses under code MATH) (3)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	ENGL Course Above 003	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MJFC 201	Multimedia Storytelling	3
MJFC 202	Visual Journalism	3
POLS 001	Introduction to Political Science	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
MATH 012	Patterns in Mathematics	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MJFC 300	Co-Curricular: Truth Be Told	1-3
MJFC 311	Interactive Editing	3
MJFC 310	Multicultural Media History	3
MJFC 330	Multimedia Audio Production	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>16-18</b>

## Junior Year Second Semester

Item #	Title	Credits
MJFC 312	Digital Design	3
MJFC 313	Public Affairs Reporting	3
MJFC 456	Practicum - Journalism	1
ECON 001	Principles of Economics I	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

\*MJFC Elective (Options: Courses under subject code MJFC)

Item #	Title	Credits
	MJFC Elective	3
MJFC 301	Co-Curricular: Audio	1
	Minor (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year Second Semester

\*Choose between MJFC 300-302 - Co-Curricular: Truth be Told/Audio/TV-Film (1crs) or SCOM 220 - CERRC (1crs)

Item #	Title	Credits
MJFC 460	Capstone: News Vision	3
	MJFC 300-302 or SCOM 220	1
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>10</b>
	<b>Total credits:</b>	<b>119-121</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Physical Education Elective (options: courses under subject code HHPL)

### U.S. History

### Foreign Language \* (Options: see Elective Group Descriptions)

Foreign Language - Amharic*	3
Foreign Language - Arabic*	3
Foreign Language - Chinese*	3
Foreign Language - French*	3
Foreign Language - German	3
Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

### Math Elective (Options: Courses under code MATH) (3)

### ENGL Course Above 003



### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

### MJFC Elective

### General Elective (Options: To be determined in consultation with advisor) (3)

### General Elective 1 Credit (Options: To be determined in consultation with advisor)

### MJFC 300-302 or SCOM 220

## Media, Journalism and Film — TV and Film Sequence (B.A.)

The Department of Media, Journalism and Film (MJFC) prepares students for careers in TV and film. The MJFC department draws from the fields of digital digital video/television, and film production, scriptwriting and reporting, and broadcast (i.e. radio and television), print, mobile and online news. The MJFC Department addresses current industry standards, technological trends of convergence and community needs, while meeting the university's historical mission. The Department unifies several intellectual and creative strands within the School that share the common concerns of communicating in effective ways at the local, regional, national and global levels.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

\*\*\*Minor Course (Courses level 000 to 299 in identified subject for Minor)

\*\*\*\*Major Elective (Courses under MJFC)

**Type:** B.A.

## Freshman Year First Semester

\*Math 005 or higher

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SCOM 102	Intro: Comm. Prof. Dev.	1
SCOM 120	Digital Media Literacy	3
	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
MATH 005	College Algebra I WR	4
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MJFC 200	Intro to MediaProduction	3
MJFC 101	Intro to Mass Communications	3
SCOM 130	Ethical Issues in Communication	3
	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MJFC 225	History of Broadcast & Film	3
MJFC 220	Film and TV Production	3
MJFC 340	Scriptwriting	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*General/Fine Arts Elective

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MJFC 341	Editing for Film and TV	3
	Fine Arts Elective (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Natural Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MJFC 347	Producing for Film & TV	3
	MJFC 342 or MJFC 343	3
MJFC 331	Audio for TV & Film	3
	Minor Elective (Options: To be determined in consultation with advisor)	3
	Fine Arts Elective (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MJFC 345	Directing for Film and TV	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Social Science Elective	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

\*General/Fine Arts Elective

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (2)	2
MJFC 459	FTV Practicum	1
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Fine Arts Elective (3)	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

\*General/Fine Arts Elective

Item #	Title	Credits
	MJFC 468/468/470	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### Physical Education Elective (options: courses under subject code HHPL)

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3

FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

Fine Arts Elective (3)

General Elective (Options: To be determined in consultation with advisor) (3)

Minor (Options: To be determined in consultation with advisor) (3)

Courses level 000 to 299 in identified subject for Minor

Natural Science Elective

MJFC 342 or MJFC 343

Choose between:

- MJFC 342 - Advanced TV Production
- MJFC 343 - Cinematography

Minor Elective (Options: To be determined in consultation with advisor)

Major Elective (Options: To be determined in consultation with advisor) (3)

Social Science Elective

Major Elective (Options: To be determined in consultation with advisor) (2)

MJFC 468/468/470

Select one:

- MJFC 468 - FTV Thesis: Production
- MJFC 469 - FTV Thesis: Scriptwriting: TV Episodic
- MJFC 470 - FTV Thesis: Scriptwriting: Feature Film

# Strategic, Legal & Management Communication

## Strategic, Legal and Management - Communication Advertising Sequence (B.A.)

The Department of Strategic, Legal and Management Communication aims to prepare students for careers in advertising that focuses on developing persuasive messages designed to sell products, services, or ideas. Students will be equipped with persuasive and informative methodologies to enhance the creation and development of messages in a variety of communication contexts including digital media.

IMPORTANT: Unless otherwise arranged, SOC required courses should be taken within the year designated. Electives and minor courses may be taken as available.

**Type:** B.A.

\*General Electives (Courses level 000 to 299)

\*\*Composition or Writing Course (Courses under subject code ENGW)

\*\*\*Sociology Elective (Options: Courses under subject code SOCI)

\*\*\*\*Minor Requirement (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

### Freshman Year First Semester

\*Mathematics Elective - MATH 005 or higher

Item #	Title	Credits
SCOM 102	Intro: Comm. Prof. Dev.	1
SCOM 120	Digital Media Literacy	3
	Freshman Composition	3
	History or Social Science	3
	Foreign Language/Gen. Elective (Options: See Elective Group Descriptions)	3
	Mathematics Elective (Options: Courses under code MATH)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Communication	3
SLMC 101	Principles of Speech	3
	Freshman Composition	3
	Foreign Language/Gen. Elective (Options: See Elective Group Descriptions)	3
	History or Social Science	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	SLMC 202 or MJFC 101	3
SLMC 102	Fund. of Advert. & Storytelling	1
	English Elective (above 003)	3
	Philosophy (Elective)	3
ECON 001	Principles of Economics I	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 210	Intro to Strategic Communication	3
SLMC 203	Principles of Persuasion	3
ECON 002	Principles of Economics II	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Sociology Elective	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 301	Intercultural/International Communication	3
SLMC 321	Advertising Sales	3
SLMC 322	Advertising Copywriting and Design	3
	Psychology or Sociology	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 351	Advanced Public Speaking	3
SLMC 323	Advertising Research and Marketing	3
SLMC 324	Media Planning and Buying	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
SLMC 402	Practicum - Internship: Advertising (AD)	1
SLMC 410	Social Media & Integrated Marketing.	3
SLMC 491	CapComm Lab	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
SCOM 220	Comm. Entrepreneurship (CERRC)	1
	Communication Elective	3
MGMT 301	Management & OB	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>13</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### History or Social Science

### Foreign Language/Gen. Elective (Options: See Elective Group Descriptions)

	Foreign Language * (Options: see Elective Group Descriptions)	3
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### Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3-4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 020	Fund Concept Math Educ I	3
MATH 026	Applied Calculus	4
MATH 084-085	Directed Readings in Honors for Sophomores	1



MATH 160	Adv Calculus for Sci & Eng	3
MATH 161, 162	Seminar	1-3
MATH 164	Numerical Analysis	3
MATH 165, 166	Directed Readings.	1-3
MATH 168	Actuarial Science Lab I	1
MATH 169	Actuarial Science Laboratory II	1
MATH 190	Probability & Statistics II	3
MATH 191	Foundations of Applied Mathematics	3
MATH 192	Topics in Applied Mathematics	3
MATH 193	Actuarial Science Seminar	3
MATH 196	Introduction to Analysis II	3
MATH 197	Intro to Modern Algebra I	3
MATH 198	Intro to Modern Algebra II	3

**Physical Education Elective (options: courses under subject code HHPL)**

**SLMC 202 or MJFC 101**

Choose between SLMC 202 - Intro to Comm. Theory (Online) (3crs) and MJFC 101 - Intro to Mass Communications (3crs).

**English Elective (above 003)**

Options: Courses under subject code ENGL

**Philosophy (Elective)**

**General Elective (Options: To be determined in consultation with advisor) (3)**

**Sociology Elective**

**Psychology or Sociology**

**Minor Requirement (Options: To be determined in consultation with advisor)**

Courses level 000 to 299 in identified subject for Minor

**Afro-American Studies Elective \* (Options: see Elective Group Descriptions)**

ENGL 054	Afro-American Lit to 1940	3
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ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Communication Elective

### Strategic, Legal and Management Communication - Legal Communication Sequence (B.A.)

The Strategic, Legal and Management Communication (SLMC) Department prepares students for careers and advanced study in communication used for strategic purposes such as public relations and special event planning, advertising and sales, non-profit and for-profit management, law and policy, organizational training and development, corporate communications, government relations, entrepreneurship, human resources, marketing communications and media management. The Legal Communication sequence option focuses on Legal and related issues in the field of communication such as constitutional privilege, statutory law and protected speech.

IMPORTANT: Unless otherwise arranged, SOC required courses should be taken within the year designated. Electives and Minor courses may be taken as available.

\*Electives and minor courses may be taken as available.

\*\*SLMC 490 is a pre-requisite for SLMC 492 and cannot be taken simultaneously.

\*\*\*General Electives (Courses level 000 to 299)

\*\*\*\*Composition or Writing Course (Courses under subject code ENGW)

**Type:** B.A.

**Type:** B.A.

## Freshman Year First Semester

\*Mathematics Elective - MATH 006 or higher.

Item #	Title	Credits
SCOM 102	Intro: Comm. Prof. Dev.	1
SCOM 120	Digital Media Literacy	3
	Freshman Composition	3
POLS 001	Introduction to Political Science	3
	Mathematics Elective (Options: Courses under code MATH)	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Communication	3
SLMC 101	Principles of Speech	3
	Freshman Composition	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	PHIL 051 or PHIL 055	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
SLMC 202	Intro to Communication Theory	3
SLMC 203	Principles of Persuasion	3
POLS 010	Nat'l Gov't of the U S	3
COMP 004	Computers and Society	3
ENGL 010	Tech Writing Pre-Law Students	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
SLMC 250	Intro to Leadership and Management Comm	3
SLMC 231	Mock Trial	3
PSYC 050	Intro to Psychology	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Health Ed. Elective	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 301	Intercultural/International Communication	3
SLMC 330	Constitutional Law	3
SLMC 331	Communications Law	3
	U.S. History Elective	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 332	Intro to Legal Research	3
	Social Science Elective	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Law Elective	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 490	Communication Research Methods	3
SLMC 403	Practicum-Internship: Legal Communication (LC).	1
SLMC 351	Advanced Public Speaking	3
SCOM 220	Comm. Entrepreneurship (CERRC)	1
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 431	Conflict Management and Negotiation	3
SLMC 492	Capstone Senior Research Project	3
	Communication Elective	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
SLMC 325	SLMC Co-curricular	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3-4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 020	Fund Concept Math Educ I	3
MATH 026	Applied Calculus	4
MATH 084-085	Directed Readings in Honors for Sophomores	1
MATH 160	Adv Calculus for Sci & Eng	3
MATH 161, 162	Seminar	1-3
MATH 164	Numerical Analysis	3
MATH 165, 166	Directed Readings.	1-3
MATH 168	Actuarial Science Lab I	1
MATH 169	Actuarial Science Laboratory II	1
MATH 190	Probability & Statistics II	3
MATH 191	Foundations of Applied Mathematics	3
MATH 192	Topics in Applied Mathematics	3
MATH 193	Actuarial Science Seminar	3
MATH 196	Introduction to Analysis II	3
MATH 197	Intro to Modern Algebra I	3
MATH 198	Intro to Modern Alegbra II	3

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

### PHIL 051 or PHIL 055

Choose between PHIL 051: Principles of Reasoning (3crs) or PHIL 055: Introduction to Philosophy (3crs).

### Afro-American Studies Elective \* (Options: see Elective Group Descriptions)

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

### Minor Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

### Health Ed. Elective

Courses under HHPL and PHAS

### U.S. History Elective

Courses under subject code HIST

### Social Science Elective

### Law Elective

Courses under subject codes SLMC, SOCI, and POLS

### Physical Education Elective (options: courses under subject code HHPL)

### Communication Elective

## **Strategic, Legal and Management Communication — Media Management Sequence (B.A.)**

The Department of Strategic, Legal and Management Communication aims to prepare students for careers and advanced study in communication used for strategic purposes such as public relations and special event planning, advertising and sales, non-profit and for-profit management, law and policy, organizational training

and development, corporate communications, government relations, entrepreneurship, human resources, marketing communications, and media management. SLMC majors will develop strong critical reasoning, writing and case development, verbal and nonverbal communication, problem solving, research design and implementation. Students will be equipped with persuasive and informative methodologies to enhance the creation and development of messages in a variety of communication contexts including digital media.

IMPORTANT: Unless otherwise arranged, SOC required courses should be taken within the year designated.

**Type:** B.A.

\*Electives and minor courses may be taken as available.

\*\*SLMC 490 is a pre-requisite for SLMC 492 and cannot be taken simultaneously.

\*\*\*General Electives (Courses level 000 to 299)

\*\*\*\*Composition or Writing Course (Courses under subject code ENGW)

\*\*\*\*\*Minor (Courses level 000 to 299 in identified subject for Minor) - The minor must be in Business or Economics.

**Type:** B.A.

### Freshman Year First Semester

Item #	Title	Credits
SCOM 102	Intro: Comm. Prof. Dev.	1
SCOM 120	Digital Media Literacy	3
	Freshman Composition	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Social Science Elective	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Communication	3
SLMC 101	Principles of Speech	3
	Freshman Composition	3
	Physical Education Elective (options: courses under subject code HHPL)	1
PHIL 055	Intro to Philosophy	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

\*Math Elective - MATH 005 or higher

Item #	Title	Credits
	SLMC 202 or MJFC 101	3
SLMC 203	Principles of Persuasion	3
SLMC 250	Intro to Leadership and Management Comm	3
ECON 001	Principles of Economics I	3
	Math Elective (Options: Courses under code MATH) (3)	3
	Physical Education Elective (options: courses under subject code 1 HHPL)	1
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
SLMC 241	Communication Policy	3
SLMC 210	Intro to Strategic Communication	3
ECON 002	Principles of Economics II	3
	Social Science Elective	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

\*SLMC 341 OR Comm Elective

Item #	Title	Credits
SLMC 341	Race, Gender and Media	3
SLMC 321	Advertising Sales	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
SLMC 343	Programming	3
SLMC 301	Intercultural/International Communication	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>15</b>



## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 490	Communication Research Methods	3
SLMC 441	Broadcast Management	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
SCOM 220	Comm. Entrepreneurship (CERRC)	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 404	Practicum-Internship: Media Management (MM).	1
SLMC 492	Capstone Senior Research Project	3
SLMC 325	SLMC Co-curricular	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Minor (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

General Elective (Options: To be determined in consultation with advisor) (3)

### Social Science Elective

### Foreign Language \* (Options: see Elective Group Descriptions)

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3

Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
Foreign Language - Spanish*	3
Foreign Language - Swahili*	3
Foreign Language - Wolof*	3

**Physical Education Elective (options: courses under subject code HHPL)**

**SLMC 202 or MJFC 101**

Choose between SLMC 202 - Intro to Comm. Theory (Online) (3crs) and MJFC 101 - Intro to Mass Communications (3crs).

**Math Elective (Options: Courses under code MATH) (3)**

**Minor (Options: To be determined in consultation with advisor) (3)**

Courses level 000 to 299 in identified subject for Minor

**Afro-American Studies Elective \* (Options: see Elective Group Descriptions)**

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

**Strategic, Legal and Management Communication Organizational Comm. - Management Sequence (B.A.)**

The Management Sequence of the Strategic, Legal, & Management Communication degree program focuses on management and leadership issues in media enterprises. The program requires 120 credits to complete requirements for graduation.

IMPORTANT: Unless otherwise arranged, SOC required courses should be taken within the year designated.

**Type:** B.A.

\*Electives and minor courses may be taken as available.

\*\*SLMC 490 is a pre-requisite for SLMC 492 and cannot be taken simultaneously.

\*\*\*General Electives (Courses level 000 to 299)

\*\*\*\*Composition or Writing Course (Courses under subject code ENGW)

\*\*\*\*\*Minor Requirement (Courses level 000 to 299 in identified subject for Minor)

**Type:** B.A.

## Freshman Year First Semester

\*Mathematics Elective - MATH 005 or higher

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SCOM 102	Intro: Comm. Prof. Dev.	1
SCOM 120	Digital Media Literacy	3
	Freshman Composition	3
	Mathematics Elective (Options: Courses under code MATH)	3
PSYC 050	Intro to Psychology	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SCOM 130	Ethical Issues in Communication	3
SLMC 101	Principles of Speech	3
	Freshman Composition	3
	PHIL 051 or PHIL 055	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 202	Intro to Communication Theory	3
SLMC 203	Principles of Persuasion	3
SLMC 250	Intro to Leadership and Management Comm	3
ARTE 080	Comp in the Arts & Dig Imaging	3
ENGL 009	Tech Writing Pre-Professional	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

\*U.S. History Elective (Options: Courses under subject code HIST)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 210	Intro to Strategic Communication	3
SLMC 251	Interpersonal Communication	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	U.S. History Elective	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 301	Intercultural/International Communication	3
SLMC 352	Intro to Organizational Comm	3
SOCI 001	Introduction to Sociology	3
	Humanities Elective	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 351	Advanced Public Speaking	3
	Communication Elective	3
	Physical Education Elective (options: courses under subject code HHPL)	1
	Soc. Sci. Elect. or MGMT 301	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

\*ARTE 081 OR General Elective

Item #	Title	Credits
SLMC 405	Internship: Management and Organizational Communication	1
SLMC 490	Communication Research Methods	3
	SLMC 431 or SLMC 451	3
ARTE 081	Desktop Web Publishing	3
	Minor Requirement (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
SLMC 492	Capstone Senior Research Project	3
	Social Science Elective	3
SCOM 220	Comm. Entrepreneurship (CERRC)	1
SLMC 325	SLMC Co-curricular	1
	Minor Requirement (Options: To be determined in consultation with advisor)	3
	Social Science Elective	3
<b>Sub-Total Credits</b>		<b>14</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### Freshman Composition

Courses under ENGL

### Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3-4
MATH 009	Introduction to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Mathematics	3
MATH 020	Fund Concept Math Educ I	3
MATH 026	Applied Calculus	4
MATH 084-085	Directed Readings in Honors for Sophomores	1
MATH 160	Adv Calculus for Sci & Eng	3
MATH 161, 162	Seminar	1-3
MATH 164	Numerical Analysis	3
MATH 165, 166	Directed Readings.	1-3
MATH 168	Actuarial Science Lab I	1
MATH 169	Actuarial Science Laboratory II	1

MATH 190	Probability & Statistics II	3
MATH 191	Foundations of Applied Mathematics	3
MATH 192	Topics in Applied Mathematics	3
MATH 193	Actuarial Science Seminar	3
MATH 196	Introduction to Analysis II	3
MATH 197	Intro to Modern Algebra I	3
MATH 198	Intro to Modern Algebra II	3

**Foreign Language \* (Options: see Elective Group Descriptions)**

	Foreign Language - Amharic*	3
	Foreign Language - Arabic*	3
	Foreign Language - Chinese*	3
	Foreign Language - French*	3
	Foreign Language - German	3
	Foreign Language - Haitian Creole* (Options: Courses under code HACR)	3
	Foreign Language - Spanish*	3
	Foreign Language - Swahili*	3
	Foreign Language - Wolof*	3

**PHIL 051 or PHIL 055**

Choose between PHIL 051: Principles of Reasoning (3crs) or PHIL 055: Introduction to Philosophy (3crs).

**Physical Education Elective (options: courses under subject code HHPL)**

**U.S. History Elective**

Courses under subject code HIST

**Afro-American Studies Elective \* (Options: see Elective Group Descriptions)**

ENGL 054	Afro-American Lit to 1940	3
ENGL 055	Afro-American Lit From 1940	3
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
HIST 005	Intro Black Diaspora I	3
HIST 006	Intro to Black Diaspora II	3
AFST 101	Intro to Contemporary Africa	3
FASH 102	African American Dress	3
POLS 006	Pan-Africanism	3
MUTP 100	Blacks in the Arts	3

Minor Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

Humanities Elective

Communication Elective

Soc. Sci. Elect. or MGMT 301

Choose between a Soc. Sci. Elective (Courses under Divisional Studies B) (3crs) or MGMT 301: Management and Organizational Behavior (formerly Principles of Management) (3crs).

SLMC 431 or SLMC 451

Choose between SLMC 431: Conflict Management and Negotiation (3crs) or SLMC 451: Intro to Training and Development (3crs).

Social Science Elective

# Course Descriptions

## AFST - AFST

### **AFST 012: Social Sciences**

**Credits:** 3

### **AFST 101: Intro to Contemporary Africa**

A general introduction to contemporary Africa, its people, and their relations with people in other parts of the world. The course includes a survey of important political, economic and social issues shaping the African continent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

### **AFST 102: Science Tech & African Develop**

A general survey course designed to examine Africans contributions to science and technology and contemporary needs in science and technology for development.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **AFST 103: Southern Africa (Cape Town)**

An examination of the history, dynamics and contemporary relevance of liberation struggles and their aftermath in Southern Africa as a whole.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

### **AFST 104: Islam, Youth & Soc Change**

An examination of various models of social transformation as enacted primarily by Muslim youth throughout Africa and the Diaspora.

**Credits:** 3

### **AFST 105: African Language & Culture**

A survey of African languages and their classification. Characteristics of the language families of Africa will be described and the relation of language to conceptual systems and logic will be analyzed. Prerequisite: AFST 001, or consent of the instructor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

### **AFST 106: HIV/AIDS In Africa**

A general introduction to the scope, basic concepts, and methods of African Studies and a survey of the history, major themes, and current trends of the field. Prerequisite: AFST 101 or equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

### **AFST 107: Soc Media & Poli Change in Afr**

An examination of the connections between the youth, education, revolutions in technology and transformations in politics and society at the individual, national and global levels.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions



**AFST 110: Afr Dev & Underdevelop**

An interdisciplinary approach to the study of African development problems, based on an integration of economic, historical, socio-cultural, political and philosophical perspectives. Prereq. AFST 101

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**AFST 111: African Systems of Thought**

An introduction to the nature, and variety of African religious, political, social and cultural systems of thought, with emphasis on the connections among them, their impact on African definitions, problems, and their interactions with emerging formations such as African feminism. Prerequisite: AFST 101 or equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFST 120: Traff.&Destr. African Heritage**

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**AFST 121: Environ & Society in Africa**

A general survey of Africa's conditions and their effects on societal efforts to overcome poverty. Prerequisite: AFST 101 or equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**AFST 122: SpTps: Blk Women and Pop**

Presentation of material not normally available in regular course offerings or offering of new courses on a trial basis. This course covers the topic the topic of Black women in America, Africa, the Caribbean and North America.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**AFST 123: Women in Afr Civil & Trad**

An exploration of the different dimensions of the historical and contemporary roles of women in African societies.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AFST 124: Globalization in Africa**

An examination of the nature and evolution of globalization in Africa, including studies of interdependencies, new regionalism, and climate change.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**AFST 125: China and Africa**

A study of historical and contemporary relationships and ties between China and Africa.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFST 126: AIDS in Africa & the Afr Diasp**

An examination of AIDS in Africa and the African Diaspora, with a focus on the impact of race, gender, class and sexuality on the distributional spread of the disease and societal and global responses to the disease.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**AFST 131: African Cult Form & Identities**

A comparative examination of emerging and changing patterns of culture and definitions of identity in urban Africa and in selected communities outside Africa. Prerequisite: AFST 101 or equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**AFST 132: Hip Hop & Popular Cult. Africa**

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**AFST 133: Cont. & Regional Organizations**

This course examines the origins, design, and effects of international organizations. International organizations covered in the course include the African Union, United Nations, World Trade Organization, International Monetary Fund, World Bank, and International Criminal Court. We will also examine regional organizations.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**AFST 156: Intro to African Literature**

A general introduction to the oral and written literatures of Africa, with emphasis on their formal and aesthetic properties and their sociopolitical and cultural significance for contemporary African societies. Prerequisite: AFST 101.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**AFST 157: Liter Film & Society in Africa**

An examination of the modes and dynamics of interaction between literature, oral and written, and film, and the social, political, and cultural significance of these media of creative and intellectual expression in contemporary African societies. Prerequisite: AFST 101; AFST 156.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**AFST 158: South Africa.Hist in Lit %Film**

**Credits:** 3

**AFST 182: Seminar in Regional Studies**

A research seminar on specific socioeconomic and political issues of a selected African region, designed to introduce students to the methodology of regional studies and to increase their familiarity with a given region of the continent. Prerequisite: AFST 101, or equivalent.

**Credits:** 3

**AFST 183: Internship in African Study**

This course offers students an opportunity to apply their knowledge of Africa by serving one semester internships with public or private organizations conducting African related work. Prerequisite: AFST 101

**Credits:** 3

**AFST 184: Directed Research**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**AFST 191: Senior Colloquium**

A seminar on selected themes and topics in African Studies designed to highlight the interdisciplinary focus of the field and to prepare students for the senior comprehensive examination. Prerequisite: AFST 101, AFST 102, or senior status.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**AFST 701: African World-Writing**

**Credits:** 3

**AFST 776: Foundations to Afr Studies Wri**

**Credits:** 3

## AMHR - AMHR

**AMHR 001: Amharic I**

Prepares student to the basic language skills (speaking, listening, reading, and writing), with emphasis on proficiency. Prerequisite: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**AMHR 002: Amharic II**

Reinforces the range of skills practiced in Amharic 001 while focusing on expanding the students' vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Amharic 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: AMHR 001

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**AMHR 003: Amharic III**

Solidifies the development of audio-lingual and written skills, with reading, oral discussion and presentation of grammar. Students begin to appreciate the richness of the target community. Prerequisite: AMHR 002

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**AMHR 004: Amharic IV**

Increases reading of texts focusing with literature and culture with emphasis on speaking and writing along with vocabulary expansion. The course helps students to develop skills in reading and writing culturally enriched materials. Prerequisite: AMHR 003

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **AMHR 012: Elem Amharic I & II**

First part of an intensive two-semester course that allows the student to complete the language requirement in one year. No prerequisites.

**Credits:** 6

### **AMHR 190: Amhaire Independent Study**

Provides student with an independent study/research under the guidance of a faculty advisor or the equivalent. Allows the student to advance their knowledge of a given aspect of the target language or culture.

Prerequisite: None

**Credits:** 3

## **BCOM - BCOM**

### **BCOM 320: Business Communications**

Provides a comprehensive coverage of contemporary business communication practices and technologies in today's global business environment. Emphasizes creating business messages and familiarizes students with real-world business problems by applying a narrative-based approach to learning. This interactive approach allows students to actively engage with the content instead of passively reading it.

**Credits:** 3

#### **Prerequisites:**

ENGW 101/102/104; ENGW 103/105; MATH 026/156 (c); Sophomore; B-School Major/Minor

## **BECN - BECN**

### **BECN 330: Managerial Economics**

Focus on microeconomic analysis and its application to business decision making and develop the tools of intermediate microeconomics, business and policy analysis. Explore how to direct scarce resources in the way that most efficiently achieves managerial goals. The basic analytical techniques are identifying problems and opportunities, analyzing alternatives and making optimal choices. These techniques are powerful tools for managers in firms who must make decisions in business functional areas of finance, marketing, productions and accounting.

**Credits:** 3

#### **Prerequisites:**

ECON 001; ECON 002; INFO 311; MATH 026/156 (C); B-School Major/Minor

## **MILI - Army**

### **MILI 001: 002, 003, 004. MS 101L, 102L, 201L and 202L Leadership Laboratory**

Open only to (and required of) students in the associate Military Science course. Series, with different roles for students at different levels in the program. Learn and practice basic skills. Gain insight into Advanced Course in order to make an informed decision whether to apply for it. Build self-confidence and a team-building leadership skills that can be applied through life. Physical is required in MS 101, MS 102 and 202. Series, with different roles for students at different levels in the program. Participate in a learn to lead a physical fitness program. Emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life.

**Credits:** 1

### **MILI 002: Leadership Lab MSL102**

**Credits:** 1

**MILI 003: MS II Leadership Lab 201L****Credits:** 1**MILI 004: Leadership Lab MSL202****Credits:** 1**MILI 005: MS III Leadership Lab 301L**

Open only to students in the associated Military Science course. Series, with different roles for students at different levels in the program. Involves leadership responsibilities for the planning, coordination, executing and evaluation of various training and activities with Basic Course students and for the ROTC program as whole. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. Physical fitness is required of students in MS 301, 302, 401 and 402, of which this program is an integral part. Series, with different roles for students at different levels in the program. Participate in and learn to plan and lead physical fitness programs. Develops the physical fitness required of an officer in the Army. Emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life.

**Credits:** 1**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**MILI 005, 006, 007, 008. MS 301L, 302L, 401L: Advanced Course Leadership Laboratories**

Open only to students in the associated Military Science course. Series, with different roles for students at different levels in the program. Involves leadership responsibilities for the planning, coordination, executing and evaluation of various training and activities with Basic Course students and for the ROTC program as whole. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. Physical fitness is required of students in MS 301, 302, 401 and 402, of which this program is an integral part. Series, with different roles for students at different levels in the program. Participate in and learn to plan and lead physical fitness programs. Develops the physical fitness required of an officer in the Army. Emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life.

**Credits:** 1**MILI 006: Leadership Lab MSL302**

Open only to students in the associated Military Science course. Series, with different roles for students at different levels in the program. Involves leadership responsibilities for the planning, coordination, executing and evaluation of various training and activities with Basic Course students and for the ROTC program as whole. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. Physical fitness is required of students in MS 301, 302, 401 and 402, of which this program is an integral part. Series, with different roles for students at different levels in the program. Participate in and learn to plan and lead physical fitness programs. Develops the physical fitness required of an officer in the Army. Emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life.

**Credits:** 1

**MILI 007: MS IV Leadership Lab 401L**

Open only to students in the associated Military Science course. Series, with different roles for students at different levels in the program. Involves leadership responsibilities for the planning, coordination, executing and evaluation of various training and activities with Basic Course students and for the ROTC program as whole. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. Physical fitness is required of students in MS 301, 302, 401 and 402, of which this program is an integral part. Series, with different roles for students at different levels in the program. Participate in and learn to plan and lead physical fitness programs. Develops the physical fitness required of an officer in the Army. Emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**MILI 008: Leadership Lab MSL402**

Open only to students in the associated Military Science course. Series, with different roles for students at different levels in the program. Involves leadership responsibilities for the planning, coordination, executing and evaluation of various training and activities with Basic Course students and for the ROTC program as whole. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. Physical fitness is required of students in MS 301, 302, 401 and 402, of which this program is an integral part. Series, with different roles for students at different levels in the program. Participate in and learn to plan and lead physical fitness programs. Develops the physical fitness required of an officer in the Army. Emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life.

**Credits:** 1

**MILI 009: Independent Study Lab**

**Credits:** 1

**MILI 011: Leader Develop & Assessment FTX**

**Credits:** 3

**MILI 022: Military Hist Wrld War I-Today**

**Credits:** 3

**MILI 101: Introduction to Army ROTC**

Make your first new peer group at college one committed to performing well and enjoying the experience. Increase self-confidence through team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, making presentations and basic marksmanship. Learn fundamental concepts of leadership in a profession in both classroom and outdoor laboratory environments. One hour and a required leadership lab, MS101L, plus optional participation in a one hour session for physical fitness. Participation in a weekend exercise is optional, but highly encouraged (and fun!).

**Credits:** 1

**MILI 102: Intro to Tactical Leadership**

Learn/apply principles of effective leading. Reinforce self-confidence through participation in physically and mentally challenging exercises with upper division ROTC students. Develop communication skills to improve individual performance and group interaction. Relate organizational ethical values to the effectiveness of a leader. One hour and a required leadership lab, MS102L, plus optional participation in a one hour session for physical fitness. Participation in a weekend exercise is optional, but highly encouraged.

**Credits:** 1

**MILI 201: MS II Innovative Team Leader**

Learn/apply ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams of people. Develop skills in oral presentations, writing concisely, planning of events, coordination of group efforts, advanced first aid, land navigation and basic military tactics. Learn fundamentals of ROTC's Leadership Assessment Program. Two hours and a required leadership lab, MS201L, plus required participation in two one-hour sessions for physical fitness. Participation in a weekend exercise is optional, but highly encouraged.

**Credits:** 2

**MILI 202: Found of Tactical Leadership**

Introduction to individual and team aspects of military tactics in small unit operations. Includes use of radio communications making safety assessments, movement techniques, planning for team safety/security and methods of pre-execution checks. Practical exercises with upper division ROTC students. Learn techniques for training others as an aspect of continued leadership development. Two hours and a required leadership lab, MS202L, plus required participation in two one-hour sessions for physical fitness. Participation in exercise is optional, but highly encouraged.

**Credits:** 2

**MILI 301: MS III Adapt Tactical Leader**

Series of practical opportunities to lead small groups, receive personal assessments and encouragement, and lead again in situations of increasing complexity. Uses small unit defensive tactics and opportunities to plan and conduct training for lower division students both to develop such skills and as vehicles for practicing leading. Three hours and a required leadership lab, MS301L, plus required participation in three one-hour sessions for physical fitness. Participation in one weekend exercise is also required, and one or two more weekend exercises may be offered for optional participation.

**Credits:** 3

**MILI 302: Leader in Changing Environment**

Continues methodology of MS 301. Analyze tasks; prepare written or oral guidance for team members to accomplish tasks. Delegate tasks and supervise. Plan for and adapt to the unexpected in organizations under stress. Examine and apply lessons from leadership case studies. Examine importance of ethical decision making in setting a positive climate that enhances team performance. Three hours and a required leadership lab, MS302L, plus required participation in three one-hour sessions for physical fitness. Participation in one weekend exercise is required; two other weekend exercises optional.

**Credits:** 3

**MILI 401: MS IV Lead Chal-Goal Sett**

Plan, conduct and evaluate activities of the ROTC cadet organization Articulate goals, put plans into action to attain them. Assess organizational cohesion and develop strategies to improve it. Develop confidence in skills to lead people and manage resources. Learn/apply various Army policies and programs in this effort. Three hours and a required leadership lab, MS401L, plus required participation in three one-hour sessions for physical fitness. Participation in one weekend exercise is also required, and one or two more weekend exercises may be offered for optional participation.

**Credits:** 4

**MILI 402: Leader in a Complex World**

Continues the methodology from MS 401. Identify and resolve ethical dilemmas. Refine counseling and motivating techniques. Examine aspects of tradition and law as it relates to leading as an officer in the Army. Prepare for a future as a successful Army lieutenant. Three hours and a required leadership lab, MS402L, plus required participation in three one-hour sessions for physical fitness. Participation in one weekend exercise is also required, and one or two more weekend exercises may be offered for optional participation.

**Credits:** 4

# AERO - Aerospace

## COURSE DESCRIPTIONS

### **AERO 001: AS 100 Leadership Lab I**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No

### **AERO 001, 002, 003, 009: LLAB – Leadership Laboratory**

(Pass/Fail) An integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Air Force second lieutenants and complement the AFROTC academic program. It is a student planned, organized and executed practicum. LLAB is a weekly laboratory that touches on the topics of Air Force customs and courtesies, health and physical fitness, field training preparation and drill and ceremonies. In addition to the weekly laboratory, students are required to participate in one hour physical training sessions two days per week.

**Credits:** 1

### **AERO 002: AS 100 Leadership Lab II**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No

### **AERO 003: AS 200 Leadership Lab I**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No



**AERO 004: AS 200 Leadership Lab II**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**AERO 011: Aerospace Studies 100 I**

Students will examine general aspects of the Department of the Air Force (DAF), leadership fundamentals, service benefits, and opportunities for officers and learn the foundation for becoming an Airman or Guardian by outlining our heritage and values. Provides an introduction to the Air and Space Forces, encouraging students to pursue a career in the DAF or at least seek additional information to be better informed about the role of the Air and Space Force.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AERO 012: AS 100- The Air Force Today II**

Prerequisite: None. A continuation of Air Force Today I. Continues with the mission and organizational structure of the Air Force. A macro view of U.S. military history is introduced with emphasis on U.S. air power. Air Force communications is developed with emphasis on interpersonal communications, oral communications, and written communications. Effective From: Spring 2006

**Credits:** 1

**AERO 013: Aerospace Studies 100 II**

Students will examine general aspects of the Department of the Air Force (DAF), leadership fundamentals, service benefits, and opportunities for officers and learn the foundation for becoming an Airman or Guardian by outlining our heritage and values. Provides an introduction to the Air and Space Forces, encouraging students to pursue a career in the DAF or at least seek additional information to be better informed about the role of the Air and Space Force.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AERO 021: Aerospace Studies 200 I**

Provide a fundamental understanding of both leadership and team building. Students are taught that there are many layers to leadership, including aspects that do not always come to mind. Such things include listening, understanding themselves, being a good follower, and problem-solving efficiently. The students will apply these leadership perspectives when completing team-building activities and discussing conflict management. Students should demonstrate basic verbal and written communication skills.

**Credits:** 1

**Prerequisites:**

No

**AERO 022: AS 200 – The Air Force Way II**

Prerequisite: None. A continuation of Air Force Way I focusing on the Vietnam War, Cold War, Gulf War, the Global War on Terrorism. Emphasizes the concepts and skills required by the Air Force officer including oral communications, Air Force quality, leadership, followership, ethics, and values. Effective From: Spring 2006

**Credits:** 1

**AERO 023: Aerospace Studies 200 II**

Provide a fundamental understanding of both leadership and team building. Students are taught that there are many layers to leadership, including aspects that do not always come to mind. Such things include listening, understanding themselves, being a good follower, and problem-solving efficiently. The students will apply these leadership perspectives when completing team-building activities and discussing conflict management. Students should demonstrate basic verbal and written communication skills.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**AERO 105: AS 300 Leadership Lab I**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**AERO 106: AS 300 Leadership Lab II**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AERO 107: AS 400 Leadership Lab I**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AERO 108: AS 400 Leadership Lab II**

Enhances the Air Force ROTC academic curriculum by providing cadets with dynamic experiential activities, opportunities, and feedback needed to develop the leadership, managerial, discipline, and supervisory skills required of successful Air Force officers. LLAB is a student-planned and executed practicum conducted under the supervision of the cadre. In addition to the weekly laboratory, students are required to participate in at least one-hour physical training sessions two days per week.

**Credits:** 1

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AERO 131: Aerospace Studies 300 I**

Designed to build on leadership fundamentals and create a more in-depth understanding of how to lead people as a professional military officer effectively. Additionally, the students will hone their professional military writing and briefing skills. Mandatory course for students enrolled in the first year of the Professional Officer Corps for completion of the Air Force Reserve Officer Training Corps commissioning program.

**Credits:** 3

**Prerequisites:**

No

### **AERO 132: Aerospace Studies 300 II**

Designed to build on leadership fundamentals and create a more in-depth understanding of how to lead people as a professional military officer effectively. Additionally, the students will hone their professional military writing and briefing skills. Mandatory course for students enrolled in the first year of the Professional Officer Corps for completion of the Air Force Reserve Officer Training Corps commissioning program.

**Credits:** 3

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

### **AERO 141: Aerospace Studies 400 I**

It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. Special topics of interest focus on officership, preparation for active duty, and current issues affecting military professionalism.

**Credits:** 3

**Prerequisites:**

No

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

### **AERO 142: Aerospace Studies 400 II**

It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. Special topics of interest focus on officership, preparation for active duty, and current issues affecting military professionalism.

**Credits:** 3

**Prerequisites:**

No

## **African Studies**

<http://www.coas.howard.edu/africanstudies/>

The Department of African Studies (DAS) provides an opportunity for Howard students to acquire an objective view of the present position of Africa in the modern (and changing) world, as well as an understanding of Africa's economic, social, and political problems. The department has adopted an interdisciplinary approach to the study of Africa at both the undergraduate and graduate levels. At the undergraduate level, the department educates students who wish to continue their studies in African affairs or are preparing to work in this field.

The DAS offers the only undergraduate major in African Studies in the United States. Students graduating from the department typically go on to undertake further study and professional careers in African and international affairs as well as obtain employment in fields such as teaching, law, social work, communications, business, non-governmental and governmental organizations.

The mission of the DAS at the undergraduate level is to provide an opportunity for Howard students to acquire, through interdisciplinary study, a comprehensive understanding of Africa's role and relations in the contemporary world. The department has specialists representing many disciplines who expose students to an integrated approach to studying a range of African political, historical, economic, social and cultural issues and to the critical skills for analyzing and addressing Africa's challenges.

The Department of African Studies encourages students to seek and take advantage of internship opportunities available in the Washington, DC metropolitan area and elsewhere nationally and internationally. The Director of Undergraduate Studies as well as the Chairperson and other faculty members of the department assist students in identifying and obtaining such internships that provide practical experiences in professional and community service settings.

Students doing internships register for AFST 183 or AFST 195: Internship in African Studies and prepare a research paper or work on other projects approved by the professor and/or the internship director. Only African Studies majors with senior standing can gain academic credit for internship.

### **AFST 195: Internship in African Studies**

This course offers students the opportunity to apply their knowledge of Africa by serving one semester internships with public or private organizations conducting African related work. Prerequisite: AFST 101.

**Credits:** 3

## **AFRO - Afro-American Studies**

### **COURSE DESCRIPTIONS**

#### **AFRO 005: Intro Afro-American Studies I**

Explores the field of Afro-American Studies and analyze the factors that shaped the Afro-American experience in the Western Hemisphere. Gain a comprehensive understanding of the historical, social, and cultural influences that have contributed to the African American community's development. By taking this course, students will broaden their knowledge and develop a more nuanced perspective on the complex and rich Afro-American experience.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

#### **AFRO 006: Intro Afro-America Studies II**

Examines the multidimensional aspects of the African (Black) American experiences in the U.S.A., from problems encountered, to strategies employed in the transition from slavery to freedom in America. Emphasizes the social, economic, political, and legal forces encountered by African Americans as they elevated their standard of living and social status. Become familiar with African (Black) Americans struggles with special emphasis on basic human rights, freedom, self- respect, and identity.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 085: Soph Directed Readings-Honors**

Collaborate with a faculty supervisor to conduct supervised research on a topic of your choice in this course. Gain hands-on experience in research methodologies and develop your critical thinking and problem-solving skills. With permission, this course allows you to explore a specific area of interest while receiving guidance and mentorship from an expert in the field. This experience can help you build valuable connections and prepare you for future academic pursuits or careers.

**Credits:** 1

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 089: Junior Directed Reading-Honors**

Collaborate with a faculty supervisor to conduct supervised research on a topic of your choice in this course. Gain hands-on experience in research methodologies and develop your critical thinking and problem-solving skills. With permission, this course allows you to explore a specific area of interest while receiving guidance and mentorship from an expert in the field. This experience can help you build valuable connections and prepare you for future academic pursuits or careers.

**Credits:** 1

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 091: Honors Social Science Seminar**

Explore theories of social science from the foundations of Black intellectual history.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 093: Senior Directed Reading-Honors**

Collaborate with a faculty supervisor to conduct supervised research on a topic of your choice in this course. Gain hands-on experience in research methodologies and develop your critical thinking and problem-solving skills. With permission, this course allows you to explore a specific area of interest while receiving guidance and mentorship from an expert in the field. This experience can help you build valuable connections and prepare you for future academic pursuits or careers.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 101: Exploitation of Third World**

Explore the political and economic forces that explain the relative under-development of the "Third World" today. Attention given to the emergence of the "Third World" and the historic and modern forces of exploitation that have shaped and continue to shape it.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 103: Blk Programs Econ Development**

Examine the economic empowerment strategies and philosophies of Afro-American leaders and organizations, from the early 19th century to the present, to gain insight into successful approaches for community advancement.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**AFRO 115: Sem: AFRO 199 Black Aesthetics**

Analyze the background of evolution and organization of the emergent field of African American or Black Studies in the context of American higher education.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**AFRO 120: Educ. in Black America II**

In this course, students will gain an foundation understanding to Black education in America through Africa with a focus on contemporary issues. By exploring questions about teaching, learning, and schooling people of African descent, students will develop a critical eye for current social structural arguments in education policy. Through examining the cultural and structural foundations of education, students will also reflect on their own educational experiences and articulate their own beliefs and values about teaching, learning, and schooling. This course provides an opportunity to engage with historical narratives of education in America through museum artifacts and archives.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AFRO 121: Special Topics**

Study selected issues in-depth and explore dominant and contemporary political, economic, and socio-cultural dimensions of the African and African American experience in this course. As a student, you will gain a nuanced understanding of complex and multifaceted issues that shape this experience. This course encourages critical thinking, research, and analysis to develop a deeper understanding of the historical and contemporary issues that have affected African and African American communities.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 122: Education in Black America**

Review and analysis of the historical and contemporary educational philosophies expressed by educators who are directly or indirectly involved in the processes of Afro-American education.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **AFRO 123: Intro to Egyptian Hieroglyphs**

Examine a phase of the Kemetic language conventionally known as Middle Egyptian (2280 BCE – 1567 BCE). The course provides a unique and innovative examination of Kemetic (Ancient Egyptian) civilization as it seeks to interpret the culture and philosophy of Kemet by utilizing a systematic knowledge of the language to critically engage a range of primary texts.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

### **AFRO 124: Intro: Egyptian Hieroglyphs II**

Examine a phase of the Kemetic language conventionally known as Middle Egyptian (2280 BCE – 1567 BCE). The course provides a unique and innovative examination of advanced grammar and Kemetic (Ancient Egyptian) civilization as it seeks to interpret the culture and philosophy of Kemet by utilizing a systematic knowledge of the language to critically engage a range of primary texts.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

### **AFRO 125: Intro: Egyptian Hieroglyphs III**

The course examines a phase of the Kemetic language conventionally known as Middle Egyptian (2280 BCE – 1567 BCE). The course provides a unique and innovative examination of advanced grammar and Kemetic (Ancient Egyptian) civilization as it seeks to interpret the culture and philosophy of Kemet by utilizing a systematic knowledge of the language to critically engage a range of primary texts.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **AFRO 126: Introduction to Coptic**

The course focuses on a particular dialect of the Coptic language, referred to as Sahidic Coptic. The course provides a unique and innovative examination of Egypt and emerging Christianity in Late Antiquity by utilizing a systematic knowledge of the Coptic language to critically engage a range of primary texts.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

### **AFRO 127: Alternative Spring Break**

Experience hands-on learning through real-world projects and gain practical skills in a collaborative setting. This course emphasizes problem-solving, community development, critical thinking, and innovation.

**Credits:** 3

### **AFRO 128: Hip Hop**

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **AFRO 129: Black Experience in Film**

Explore the use and impact of still and motion pictures in the experiences of people of African descent through a multi-disciplinary lens. This course offers a theoretical and practical framework for students to examine Black cinema from 1900 to present, surveying history, debates, and controversies in the field. Students will watch films and create their own short documentary or film storyboard, while reflecting on the role of technology and audience perception. No prior knowledge required.

**Credits:** 3



**AFRO 130: Attitudes & Beliefs Af Am Comm****Credits:** 3**AFRO 131: Blk Philosophy Religion Ritual**

Examine the ways blacks in Africa and the Americas conceptualize and explain their world through philosophy and religion. Various cultural and religious belief systems are examined, including traditional African religion and U.S. urban religions, voodoo, etc.

**Credits:** 3**Prerequisites:**

Sophomore standing. (This course satisfies the Divisional Studies C requirement.)

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**AFRO 132: Politics of Blk Autobiography**

Examines autobiographies and slave narratives by selected individuals to help frame conversations about the political, social, economic, psychological, and cultural lives of African Americans. Emphasizes historical and social milieu of the individual writers contributions to American literature and intellectual traditions providing the foundation for contemporary thought.

**Credits:** 3**Prerequisites:**

Junior standing.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 133: 19th Cent Blk Soc-Pol Thght**

Analyze the nature of Black social and political thought from the 1800s to the dawn of the twentieth century

**Credits:** 3**Prerequisites:**

Sophomore standing. (This course satisfies the Divisional Studies C requirement.)

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 134: 20th Cent Blk Soc-Pol Thght**

Analyze the nature of Black social and political thought from the 1900s to the dawn of the twenty-first century

**Credits:** 3**Prerequisites:**

Sophomore standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 159: Senior Seminar for Majors**

Prepare for the Afro-American Studies comprehensive examination by reviewing key theories, approaches, and empirical studies in this course. As a major in Afro-American Studies, you will receive comprehensive instruction and guidance from departmental faculty members to refine your knowledge and develop your research and writing skills. With a required research paper, you will have an opportunity to apply your learning to a specific topic of interest. This course provides an essential foundation for future academic and professional pursuits within the Afro-American Studies field.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 163: Black Experience in Caribbean**

This course is a detailed historical analysis of the African experience in the Caribbean Basin from the 16th century to the present. Political, sociological, economic and cultural issues in the Caribbean are explored.

**Credits:** 3

**Prerequisites:**

Junior standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 165: Black Women in America**

Analysis of the historical involvement of black women in American institutions: education, religion, politics and social reconstruction. Charts linkages of black women in Africa and the Caribbean and North America.

**Credits:** 3

**AFRO 170: Directed Research**

Collaborate with a faculty supervisor to conduct supervised research on a topic of your choice in this course. Gain hands-on experience in research methodologies and develop your critical thinking and problem-solving skills. With permission, this course allows you to explore a specific area of interest while receiving guidance and mentorship from an expert in the field. This experience can help you build valuable connections and prepare you for future academic pursuits or careers.

**Credits:** 3

**Prerequisites:**

Junior standing and advance faculty approval are required.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**AFRO 175: Prep-Practicum**

Develop your research report writing skills with faculty supervision and feedback to prepare for academic and professional pursuits that demand clear and concise reporting.

**Credits:** 3

**AFRO 176: Practicum/Internship**

Merge theory with practice by interning with selected organizations outside of the University in this required component of the field work program. As a major, you will gain hands-on experience in your chosen area of concentration and apply the knowledge and skills you have acquired in a real-world setting. This opportunity will help you build professional connections, enhance your resume, and prepare you for future career opportunities. This course provides a unique and valuable opportunity to bridge the gap between academic learning and practical experience.

**Credits:** 6

**Prerequisites:**

AFRO 175 or AFRO 775, senior standing, majors only.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**AFRO 185: Black Women in America**

Examines the ways in which race, gender, and culture impact the social and political thought, activism, and experiences of Black women in the United States. Engages in the study of Black women using an Africana Studies framework.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 186: Black Women in America II**

Explore the historical and contemporary experiences of Africana women through a multidisciplinary approach in this course. As a student, you will gain a comprehensive understanding of the diverse experiences and perspectives of Black women in America, as well as women from the African continent, the Caribbean, and North and South American communities. Through a range of topics, including health, motherhood, art, media, education, wage equity, politics, and crime, you will critically engage with historical narratives and contemporary issues. This course provides an opportunity to broaden your understanding of the experiences of Africana women and their contributions to society.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #6: Leadership and Applied Learning  
ELO #7: Comprehensive Wellness Practices

**AFRO 187: BLK Women, Culture and Power**

Examine the ways in which Black women functioned as powerful social and political actors in a variety of movements, organizations, and community spaces. Explores how Black women wield power and their remarkable record as change agents. Analyzes the dynamic interplay between conflicting concepts of womanhood and power using the Africana Studies Framework.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 191: Comparative Slavery**

Survey various systems of bondage in Europe proper, the Near East, Africa and the Americas. Emphasis is placed on the economic, social and cultural factors, which contributed to the rise and decline of slavery throughout the world.

**Credits:** 3

### **AFRO 192: Harlem Renaissance Movement**

Review the Harlem Renaissance Movement and analyze how black writers emerged as distinct political voices in the arts from 1910 to 1945 in this course. As a student, you will gain an understanding of the historical and cultural context that shaped this era and explore the political and social significance of the literature produced during this time. This experience can deepen your understanding of African American literature and provide insight into the broader cultural and political implications of the Harlem Renaissance Movement.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

### **AFRO 193: West Indians in America**

Examine the role of West Indian Radicals in America in the African-American struggles for Liberty, Equality and Justice. Students will gain an understanding of the geographic sources & contemporary composition of the West Indian Community in America, the ideological perspectives of Radical West Indian Activists, Major West Indian Organizations and Philosophical outlooks.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

### **AFRO 195: Comparative Black Literature I**

Survey the creative literature of black writers in the U.S., the Caribbean, and Africa, and critically analyze the social and cultural environments that influenced their work in this course. As a student, you will gain a deep understanding of the historical and cultural context that shaped the literature produced by black writers and explore the themes and issues that emerge across different geographic regions. This experience can enhance your appreciation of African American literature and broaden your knowledge of diverse literary traditions.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **AFRO 196: Comparative Black Literature II**

This course examines the relationship between the creative literature of black authors in the U.S., the Caribbean, and Africa and their socio-political life as reflected in drama, novels, poetry, essays.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

### **AFRO 197: Black Thought in the Diaspora**

Analyze the nature of Black thought around the world with a focus on transnational thinking traditions in the modern era (1500-present).

**Credits:** 3

**Prerequisites:**

Junior standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**AFRO 198: Contemporary Black Poetry**

Explore Black American poetry from the mid-1960s to the present, emphasizing the cultural roots and the role of poetry in the Black Arts Movement.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**AFRO 199: Black Aesthetics**

Explore the artistic ideas and values found in Africa and traces their reappearance and transformation in the religions and philosophies of African-American cultural life. The aesthetics of the plastic, visual and performance arts are explored.

**Credits:** 3

**Prerequisites:**

Junior standing.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**AFRO 301: Racism, Law & Injustice**

Explore the issue of the Role of the State in the struggles for Liberty, Equality and Justice of African Communities in the United States, Southern Africa, Latin America & the Caribbean and Europe. Students will gain an understanding of the consequences of the denial of Rights, Opportunities and Privileges upon the socio-economic outlook of these communities.

**Credits:** 3

**Prerequisites:**

JUNIOR STANDING OR ABOVE

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**AFRO 775: Prep-Practicum-Writing**

This course examines research methods with emphasis on the steps required to design a scientific study including archival and survey data collection techniques, e.g., document analysis, participant observation, survey design and field interview techniques.

**Credits:** 3

**Prerequisites:**

Junior standing, majors only.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**AFRO 795: Comp Black Literature-Wrtg**

Survey the creative literature of black writers in the U.S., the Caribbean, and Africa, and critically analyze the social and cultural environments that influenced their work in this course. As a student, you will gain a deep understanding of the historical and cultural context that shaped the literature produced by black writers and explore the themes and issues that emerge across different geographic regions. This experience can enhance your appreciation of African American literature and broaden your knowledge of diverse literary traditions.

**Credits:** 3

**AFRO 798: Contemporary Black Poetry WRTG**

Explore Black American poetry from the mid-1960s to the present, emphasizing the cultural roots and the role of poetry in the Black Arts Movement. This course meets the Third Writing requirement

**Credits:** 3

## **AFRO 991: Co-op Afro-American Studies**

Engage exclusively with the Black community in this course, in fulfillment of the "Black University" commitment that HBCU education be relevant to the community. As a major, you will have an opportunity to develop your skills through community service and fieldwork in a Black community. This experience can help you build valuable connections and gain practical experience working with community members. This course provides a unique and meaningful opportunity to contribute to the betterment of the Black community while furthering your academic and personal growth

**Credits:** 12

## **Art**

As the visual arts component of the most comprehensive predominantly black university in the world, the Department of Art recognizes its unique responsibility to reflect, affirm and perpetuate the visual expression of the black experience. The department seeks to continuously create and maintain an atmosphere conducive to developing skilled and professionally mature artists, designers and art historians. Emphasis is placed upon instruction from a multicultural perspective and recognition of the dynamic reciprocity of art and life in the preparation of students for careers in the visual arts. The Howard University Art Department is an accredited institutional member of the National Association of Schools of Art and Design.

### **Undergraduate Admission Requirements**

In addition to the University's admission requirements, applicants to the B.F.A. degree programs must submit a portfolio of artwork to the Department of Art. Program areas that traditionally required slides will now require digital images instead of slides. A portfolio of 12-15 digital images of original creative works (with no more than 2-3 views of any one work), must be prepared and presented on a CD Rom or flash drive (URL's are also acceptable if the work is presented online in quality form). Each image must be clearly labeled with the title of the work, materials or media of creation, size, and date of creation. These original creative works must be prepared according to the guidelines:

1. **Static Two-Dimensional imagery:** JPEG Format in a Powerpoint Presentations Slideshow (.ppt or .pps);
2. **Three-Dimension Pieces (i.e. sculpture, ceramics, fashion, 3D modeling):** JPEG Format including 2-3 views of the work;
3. **Motion graphics and video:** Use MP4 Format along with pixel dimensions;
4. **Size of digital images:** no less than 800 x 600 ppi
5. **Please include with each slide of your presentation:**
  - Title of the work
  - Materials or media used to create the work
  - Size of actual piece of work represented by the digital images. Size of work should be relative to the media with which it was created (for traditional media, use inches; for static digital media, use pixel dimensions; and for motion graphics and video use pixel dimensions and time in minutes and seconds)
  - Date of creation
6. Physical portfolios are still being accepted.

### **Mail portfolios to:**

Department of Art  
Division of Fine Arts  
College of Arts and Sciences

Howard University  
2455 Sixth Street, NW  
Washington, DC 20059

## Special Degree Requirements

Students seeking degrees offered by the Art Department must complete core courses in the Foundation Program upon which concentration courses are built. A student must complete 18 to 21 credits in the Department of Art, with the approval of a faculty advisor, in order to obtain a minor. In selecting electives, students may choose within the following guidelines:

- **University electives in humanities** – any courses in the humanities area (literature, drama, music, classics, English) for which the student can qualify;
- **Art electives**– any courses in the practice or history of art; fashion merchandising or interior design;
- **Studio electives**– any courses in the practice of art or design for which the student qualifies.

## Art History

In addition to providing students with a broad understanding of world art, the Art History program focuses upon African American art and the art of the African Diaspora. In beginning and advanced courses and seminars, students are encouraged to engage in scholarly investigation and analysis of visual styles, cultural movements, and social evidence in the history of art, especially original scholarship in African American and African Art History. The program's strong research focus provides a virtual road map for students who wish to pursue careers as art historians in academia or in museums as curators and educators.

## Ceramics

The Ceramics Program provides students with a technical foundation in basic hand and wheel formation, glaze calculation, clay formulation, and a range of finishing and firing techniques. Advanced students are encouraged to explore the full range of possibilities in clay. The ceramics unit is designed to train students to become the traditional production potter; the ceramic sculptor and the visionary artists who want to combine and experiment with state of the arts ceramic materials and technology to create their visual voice.

## Design

The goal of the Howard University Design Program is to develop an immense range of knowledge, skills and competencies in the area of visual communication through cross-curricular experiences. This is achieved through the study of theory and the practical application of learned techniques. This program reacquaints the student artist with foundation principles that are central to design. Through an intensive curriculum in visual and technologically-mediated communication students will learn how to identify, research, analyze, and solve problems at various levels, providing multiple solutions, mechanicals and prototypes. Students will also develop the ability to produce the following visual forms as solutions to studio and related real life problems:

- two-dimensional
- three-dimensional
- printed
- digital
- motion
- interactive

Ideally, this program will cultivate competency in problem solving abilities, proficiency in conceptual skills and mastery of craftsmanship within each graduate.

### **Electronic Studio**

The Electronic Studio program is designed for students preparing for careers as web designers, two- and three-dimensional animators, special effect artists for TV and Film, product design, and motion graphics. The curriculum combines the fundamentals of visual arts: drawing, painting, illustration, and two-dimensional and three-dimensional design. Photography and video, with intensive applied computer technology and software techniques as applied to visual communications and design. Course work is designed to incorporate prerequisite visual arts courses to prepare students to be competitive in the visual arts and computer-aided art and design fields.

### **Painting**

The Painting program is designed to introduce students to traditional and contemporary painting techniques with an emphasis on the control of paint and the painted form. In the intermediate and advanced level courses, students are encouraged to experiment with various media and thematic approaches.

### **Photography**

The Photography program provides students with skills, techniques, and principals of conventional darkroom practices, which form the framework for digital imaging in advance courses. Color photography, taught in combination with Photoshop, adds another dimension to creative control and expression along with multi-media applications. Advance courses in Studio Lighting, Alternative Processes, and Independent Study, are designed to allow the student to produce portfolios from collective experiences and photographic knowledge.

The photography program embraces modern technologies while enforcing the principles of light, color and image capture for print and the Web. We ground the student in the fundamentals of basic darkroom techniques with black and white film and chemistry in producing a finished print. Other courses challenge your approach to thematic concepts where you express ideas illustrated through the images you produce. Through digital applications you'll learn about basic color theory, characteristics and behaviors and how color impacts the image. The program rounds out with studio lighting, alternative processes and multimedia production giving the student necessary skill sets and collaborative working environments reflecting the current trends of the global market.

### **Printmaking and Sculpture**

The Sculpture program provides students with a variety of sculpting experiences. The program offers courses in figure and character modeling, welded and forged steel fabrication, multi-media assemblage, wood and stone carving, woodworking, cement, and mold making and casting. B.F.A. candidates may specialize in one or a combination of areas depending on their personal direction and career path. Graduate and undergraduate students work side-by-side in a 5600 sq. ft. studio facility which houses three shop areas, graduate studios, an outside gated work area, and a 3D modeling computer lab.

### **ARTA 011: Painting I**

**Credits: 3**



**ARTD 114: Illustration**

The philosophies of twentieth and twenty-first century leaders in design provide a platform for the exploration of the merging of the aesthetics of graphic design with contemporary illustration practice. Projects are geared toward contemporary and innovative work able to address both traditional and emerging markets

**Credits:** 3

**ARTD 198: Digital Asset Management**

In this course, you will select and use an image management system to organize, edit, and share your photographs.

**Credits:** 3

**ARTF 089: Three Dimensional Concepts I**

**Credits:** 3

## ARTH - Art History

**ARTH 160: Art & Film In Continental Africa**

Explore image-based visual traditions and the moving image across the continent of Africa from the 19th century to the present.

**Credits:** 3

**ARTH 161: Art Appreciation**

Study the elements and dimensions of art and the philosophical, political, and psychological evolution of various cultures.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ARTH 162: Intro to African Art History**

Examines the history, aesthetics, process and function of the visual arts of Africa from the prehistoric period to traditional societies of today. Study the interrelationship between the visual arts and religion, music, dance and other components of the African culture.

**Credits:** 3

**ARTH 163: Black Art & Culture**

Examine the development of art, design and culture by people of African descent, 19th century to the contemporary.

**Credits:** 3

**ARTH 164: Survey of Visual Art**

Explore the visual arts from prehistoric times to the end of the twelfth century. Fall semester only.

**Credits:** 3

**Prerequisites:**

Fall semester only.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**ARTH 165: Introduction to Art History**

Explore the visual arts from the thirteenth century to the present. Spring semester only.

**Credits:** 3

**Prerequisites:**

ARTH 164; Spring semester only.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ARTH 166: Art in Antiquity**

Study painting, sculptural, architectural, decorative traditions as well as art historiography of Antiquity.

**Credits:** 3

**ARTH 167: Topics in Art Criticism**

Explore the interpretation and evaluation in the visual arts, with emphasis placed upon artistic expression in the African Diaspora. May be repeated for up to six (6) hours of credit.

**Credits:** 3

**ARTH 168: Internship in Art History**

Explore an on-site professional experience in a museum, gallery, cultural agency, or with the James A. Porter Colloquium.

**Credits:** 1-6

**ARTH 169: Latin American & Caribbean Art**

Explore the visual arts and material culture of the Caribbean and South America.

**Credits:** 3

**ARTH 170: Modern Art History I**

Study nineteenth century European, American and international styles of painting, printmaking, sculpture and architecture.

**Credits:** 3

**ARTH 171: Modern Art History II**

Study twentieth century European, American and international styles of painting, printmaking, sculpture and architecture.

**Credits:** 3

**Prerequisites:**

ARTH 170

**ARTH 172: West African Art**

Study the visual arts of African civilization. Learn of the artistic achievements of such civilizations as Ghana, Mali, Songhai, Nok, Igbo Ukwu, Benin, and Owo, among others, and the art of more recent cultural groups.

**Credits:** 3

**ARTH 173: Central & East African Art**

Explore the history, aesthetics, processes and functions of the visual arts in ancient African civilizations in the Nile Valley and the Rift Valley. Study the artistic achievements of such civilizations as Egypt, Nubia, Aksum, Meore, Zimbabwe and of others since medieval times. Valley. Understand the artistic achievements of such civilizations as Egypt, Nubia, Aksum, Meore, Zimbabwe and of others since medieval times.

**Credits:** 3

**ARTH 178: African-American Art I**

Study the elements and dimensions of art produced by persons of African descent in the United States from precolonial times to 1945. Fall semester only.

**Credits:** 3

**Prerequisites:**

ARTH 164; Fall semester only.

**ARTH 179: African American Art II**

Learn the elements and dimensions of art produced by persons of African descent in the United States from 1950 to the present. Spring semester only.

**Credits:** 3

**Prerequisites:**

ARTH 178; Spring semester only.

**ARTH 181: Research in Art History**

Explore research methodology and its application to the study of various cultures, and independent study with faculty supervision.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**ARTH 182: Research in Art History II**

Examine research methodology and its application to the study of various cultures, and independent study with faculty supervision.

**Credits:** 3

**Prerequisites:**

ARTH 181 or instructor permission.

**ARTH 183: The Expressionist Image**

A study of style and content from German Expressionism (1905 - 1920s) through and beyond.

**Credits:** 3

**ARTH 188: African Art: Traditions & Continuity**

Learn the philosophical and social structure of the indigenous African cultures across sacred and secular art forms.

**Credits:** 3

**ARTH 189: Trends Ideas African American Art**

Explore the problems in art historiography and art criticism and to explore the issues of identity and culture through examination of the Harlem Renaissance and contemporary developments in African American Art.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**ARTH 191: Contemporary Caribbean Artists**

Study the artistic practice of artists of Caribbean-descent from 1980s to the contemporary.

**Credits:** 3

**ARTH 193: BI: Body Dress & Culture**

Examine the relationship between visual representation and self-fashioning across African Diasporic communities

**Credits:** 3

**ARTH 195: Blk Women in Visual Culture**

Study the history of Black women artists and the history of representing the black female body in American visual culture.

**Credits:** 3

**ARTH 196: Heritage: Art of Romare B**

Examine of the work of Romare Bearden through interdisciplinary frameworks.

**Credits:** 3

**ARTH 197: Contemporary Art**

Examine art created after 1980 and explore the socio-political and economic conditions that shape contemporary aesthetic practices.

**Credits:** 3

## ARTM - Art Management

**ARTM 084: Art Process**

An introduction to the study of art and basic art processes. The course is designed to help students to understand art and art-making through lectures, discussions, critiques and limited studio work. It is especially an asset to those students who seek guidance in preparing entry-level portfolios to pursue a major in art.

**Credits:** 3

**ARTM 155: Independent Study in Art Management**

Individual and independent self-directed study. Preliminary proposal submitted to the program coordinator for approval. The student presents a written report concerning a particular area of art management. Spring semester only

**Credits:** 3

**Prerequisites:**

Senior status.

**ARTM 156: Art Management Internship**

On-site entry-level work experience in visual arts organizations in the Washington Metropolitan area. Each student should meet with the program coordinator and make arrangements for placement. One or more members of the cooperating visual arts organization's management staff will supervise the intern. An intern job performance appraisal is provided by the intern site supervisor. Fall semester only.

**Credits:** 4

**ARTM 157: Art Management Internship**

A continuation of ARTM 156. Spring semester only.

**Credits:** 3-4

**ARTM 158: Art Management Internship**

A continuation of ARTM 157 but site not restricted to the Washington metropolitan area. Prior intern site approval required. Summer session only.

**Credits:** 3-4

**ARTM 159: Fine Arts Valuation**

Special problems in determining valuation of works of art. Investigation of techniques and modalities of marketing of art worldwide and its impact on national and international culture groups..

**Credits:** 3

**ARTM 160: The Business of Art**

Special problems. May be repeated for a total of 6 semester hours.

**Credits:** 3

## ARTC - Ceramics

**ARTC 121: Ceramics I**

Explore clay using hand building fabricating techniques. Study clays historical origins and contemporary orientation investigating clay bodies and glazes.

**Credits:** 3

**ARTC 122: Ceramics II**

Study the fabrication of clay forms using the pottery wheel. Learn throwing and glaze calculation, and hands-on firing techniques.

**Credits:** 3

**Prerequisites:**

ARTC 121

**ARTC 123: Ceramics III**

Study advanced wheel forms, production and glazes.

**Credits:** 3

**Prerequisites:**

ARTC 122

**ARTC 124: Ceramics IV**

Expansion of firing experiences to accommodate individual student requirements to produce ceramic projects.

**Credits:** 3

**ARTC 125: Ceramics V**

An exploration of glaze materials by fired tests.

**Credits:** 3

**ARTC 126: Ceramics VI**

A continued, in-depth exploration of glazes and their effects through firing.

**Credits:** 3

**ARTC 127: Ceramics V**

Explore technical development of ceramics in sculptural structures for art in public places.

**Credits:** 3

**Prerequisites:**

ARTC 123

**ARTC 128: Ceramics VIII**

Technical development of ceramics in sculptural structures for art in public places.

**Credits:** 3

**ARTC 129: Ceramics IX**

Independent study/ apprenticeship/internship study that exposes the student to varied processes of ceramic arts.

**Credits:** 3

**ARTC 130: Ceramics X**

Advanced Ceramic Workshop exposing students to advanced processes of ceramic arts.

**Credits:** 3

**Prerequisites:**

ARTC 129. Favorable evaluation required. Majors/minors only.

**ARTC 131: Glaze Calculation and Formation**

This class is offered to provide art students with the basic concepts of technical ceramics and familiarity with ceramic materials and basic body and glaze calculations and formation.

**Credits:** 3

**ARTC 137: Ceramic Sculpture workshop**

For students who have demonstrated a desire and capability to handle the medium in totally three-dimensional form.

**Credits:** 3

**Prerequisites:**

Consent of instructor.

**ARTC 138: Ceramic Sculpture**

Study clay handled three-dimensionally or in relief format.

**Credits:** 3

**Prerequisites:**

ARTC 127

## ARTD - Design

**ARTD 103: Design History**

Learn the impact of technology on the visual qualities of graphic, advertising, fashion, architecture, and industrial design from the Victorian Arts and Crafts Movement to the computer age.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ARTD 104: Intro to Digital Design**

Study the impact of technology on the visual qualities of graphic, advertising, fashion, architecture, and industrial design from the Victorian Arts and Crafts Movement to the computer age.

**Credits:** 3

**Prerequisites:**

ARTD 103 or instructor permission.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ARTD 105: Typography I**

Study the history, design, and execution of fundamental lettering and typeforms, with emphasis on structure. Learn how practices in type rendering and built-up letters.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**ARTD 106: Design for Advertising I**

Study the aesthetics and techniques of advertising layout, advanced problems in illustration, advertising art, magazine covers, and display.

**Credits:** 3

**Prerequisites:**

ARTD 104, ARTD 105 or instructor approval

**ARTD 107: Design for Advertising II**

Learn studio design problems, with an emphasis on the development of ideas and the ability to communicate them effectively.

**Credits:** 3

**Prerequisites:**

ARTD 106

**ARTD 108: Typography II**

Study procedures in type specification and mechanical printing methods.

**Credits:** 3

**Prerequisites:**

ARTD 105

**ARTD 109: Reproduction and Technique**

Learn techniques of preparing work for reproduction, with concentration on color separation for a four-color process.

**Credits:** 3

**Prerequisites:**

ARTD 104, ARTD 105 or instructor approval

**ARTD 110: Studio Problems in Design**

Study the development of graphic and verbal articulation in package design and display. Learn of agency practice and communication design.

**Credits:** 3

**Prerequisites:**

ARTD 104, ARTD 105 or instructor approval

**ARTD 111: Illustration**

Learn principles of illustration, with emphasis on theories of commercial and fine art illustration.

**Credits:** 3

**Prerequisites:**

ARTA 011, ARTR 004, ARTD 104, ARTD 105 or instructor approval

**ARTD 112: Prod & Portfolio Techniques I**

Study production and presentation of designer's work from drawing board to the printed page.

**Credits:** 3

**Prerequisites:**

ARTD 104, ARTD 105 or at least Junior status

**ARTD 113: Prod & Portfolio Techniques II**

Study advanced production and presentation of designer's work from drawing board to the printed page.

**Credits:** 3

**Prerequisites:**

ARTD 112

**ARTD 115: Digital Design I**

Learn basic entry-level skills required for careers in the digital publishing industry. Study computer skills; digital publishing concepts and operations; layout, design, measurement activities; and digital imaging as well as communication, collaboration and decision-making activities; critical thinking; and problem solving.

**Credits:** 3

**Prerequisites:**

ARTD 104

**ARTD 116: History of Design II**

Learn to identify how design is affected by its cultural and historical context. Study how to identify and discuss key figures, events and trends in the history of design.

**Credits:** 3

**Prerequisites:**

ARTD 103 or instructor permission.

**ARTD 118: Newspaper & Magazine Design I**

Study informational graphics and the role of computers in newspaper design.

**Credits:** 3

**Prerequisites:**

ARTD 104, ARTD 105

**ARTD 119: Internship in Design**

Complete a supervised internship or work experience in a commercial, non-profit, or governmental agency related to design for a minimum of one hundred (100) hours.

**Credits:** 3-6

**Prerequisites:**

Junior or Instructor permission.

**ARTD 120: Field Study**

Off-campus and study abroad programs and projects.

**Credits:** 2

**ARTD 122: Digital Design II**

Learn to develop skills required for careers in the digital publishing industry, including computer skills, digital publishing concepts and operations, layout, design, measurement activities, and digital imaging using effective communication principles, collaboration and decision-making activities, critical thinking tools, and problem-solving skills.

**Credits:** 3

**Prerequisites:**

ARTD 115

**ARTD 123: Magazine & News Design II**

Study informational graphics and the role of computers in newspaper design.

**Credits:** 3

**Prerequisites:**

ARTD 118

**ARTD 125: Industry Prep & Entrepreneur**

Learn the foundation for the financial planning and management of a new venture start-up and acquisition.

**Credits:** 3

**Prerequisites:**

Senior standing and instructor permission.



**ARTD 126: Web Dev & Interactive Media**

Explore web design and interactive media.

**Credits:** 3

**Prerequisites:**

Instructor approval

**FASD 100: Freshman Design Seminar**

Introduction to Design Major. (For Freshmen).

**Credits:** 1

## ARTR - Drawing

**ARTR 003: Drawing III (Figure)**

In-depth concentration on rendering the human form. Emphasis is on exercises to enhance expressive interpretation of the human form.

**Credits:** 3

**ARTR 004: Drawing IV (Spatial Concepts)**

Comparison of similarities and differences in use of space in drawing of various cultures. Spring semester only.

**Credits:** 3

**Prerequisites:**

ARTF 002.

**ARTR 005: Drawing V (Elective)**

Focus is on designing the human figure.

**Credits:** 3

**Prerequisites:**

ARTR 004.

**ARTR 006: Drawing VI (Elective)**

Experimentation with various materials and techniques.

**Credits:** 3

**Prerequisites:**

ARTR 005.

**ARTR 007: Drawing VII (Independent Study)**

Course examines level study of drawing, including compound subjects primarily in pencil, but also potentially in other media as well. This course expresses technical aspects of drawing through developed descriptive imagery.

**Credits:** 3

**ARTR 008: Figure Drawing Workshop**

In-depth concentration on rendering the human form. Continuation of ARTD 003, Drawing III (Figure).

**Credits:** 3

**ARTR 009: The Investigative Eye**

Recognizing drawing to be an activity partly physical and partly mental, this course is an intense studio experience that will utilize the "set-up" as a catalyst for investigating diverse aspects of form. An open attitude regarding materials and technique is encouraged. This is an advanced course and is recommended for those who wish to deepen their involvement with drawing.

**Credits:** 3

**Prerequisites:**

Drawing I-IV.

# ARTE - Electronic Studio Art

## **ARTE o80: Comp in the Arts & Dig Imaging**

Learn the basic components of IBM and Apple computers; hardware and software, DOS, data management BASIC programming; graphics, and sound and word processing.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

## **ARTE o81: Desktop Web Publishing**

Learn the foundation of computer graphics with an emphasis on desktop publishing programs.

**Credits:** 3

**Prerequisites:**

Instructor approval

## **ARTE o82: Presentation Graphics**

Study selected IBM and Apple programs to produce presentation graphics for business presentations, organizational communications, image manipulation, and in-depth interaction.

**Credits:** 3

**Prerequisites:**

ARTE 081

## **ARTE o83: 2D Animation**

Explore project oriented interaction with a multi-plane computer animation system to create step-by-step storyboard, image capture, image making, recording, and editing.

**Credits:** 3

**Prerequisites:**

Instructor permission.

## **ARTE o84: Image Processing**

Explore the use of advanced image processing techniques to enhance the creation of computer graphics using image manipulation techniques.

**Credits:** 3

**Prerequisites:**

ARTE 080

## **ARTE o85: Digital Photography**

Integrates photography and computer image process techniques to create a new art forms.

**Credits:** 3

**Prerequisites:**

ARTE 080

## **ARTE o86: Multi-Media**

Explore the use of multi-media systems to create text, images, sound boards.

**Credits:** 3

**Prerequisites:**

ARTE 082

**ARTE 087: Multi-Media II**

Explore motion cards to create live images and sound boards to create sound effects and music to accompany multi-media presentations.

**Credits:** 3

**Prerequisites:**

ARTE 086

**ARTE 088: Workshop/Capstone I**

Explore advanced electronic studio projects to create pre-press copy, video, or other multi-media format.

**Credits:** 3

**Prerequisites:**

Senior standing and instructor permission.

**ARTE 089: Digital Media & Multi Media Applications I**

Examine a variety of art-making genres and multi-media applications from mixed media assemblage and digital processes to alternative modes such as collaboration, performance art or installation art.

**Credits:** 3

**Prerequisites:**

ARTE 082

**ARTE 090: Digital Video Narratives**

Explore various programs used for motion and static imagery to create narratives.

**Credits:** 3

**Prerequisites:**

ARTE 087

**ARTE 091: Independent Study I**

Study under supervision of faculty members to produce creative, innovative, research-oriented, industry-standard projects.

**Credits:** 3

**Prerequisites:**

Senior standing and instructor permission.

**ARTE 092: Independent Study II**

Study under supervision of faculty members to produce creative, innovative, research-oriented, industry-standard projects.

**Credits:** 3

**Prerequisites:**

Senior standing and instructor permission.

**ARTE 093: Internship Electronic Studio**

Complete a supervised internship or work experience in a commercial, non-profit, or governmental agency related to Electronic Studio. Practice professional standards, organize conferences, build teamwork skills, and receive written evaluation of performance. Required a least six (6) hours per week and a minimum of eighty-four (84) hours to complete this internship.

**Credits:** 3

**Prerequisites:**

Senior standing and instructor permission.

**ARTE 094: 2D Animation II**

Learn advanced skills to produce CG animation and the knowledge of the principles of animation. Study and prepare for design projects including stop motion and traditional animation.

**Credits:** 3

**Prerequisites:**

ARTE 083

**ARTE 095: 3D Modeling & Animation I**

Learn skills to produce CG animation and the knowledge of the principles of animation. Understand how to apply skills learned in this class in other areas including stop motion and traditional animation.

**Credits:** 3

**Prerequisites:**

ARTE 082

**ARTE 096: 3D Modeling & Animation II**

Learn advanced skills to produce CG animation and the knowledge of the principles of animation to be built upon in subsequent courses leading up to the Portfolio course and other areas including stop motion and traditional animation.

**Credits:** 3

**Prerequisites:**

ARTE 095

**ARTE 097: Intro to Game Design**

Explore theory and practice of the process of designing games and playful experiences. Learn methods, concepts, techniques, and literature used in the design of games.

**Credits:** 3

**Prerequisites:**

ARTE 080, ARTE 081

**ARTE 098: 2D Animation II**

Study theory and practice of the process of designing games and playful experiences through the exploration of methods, concepts, techniques, and literature used in the design of games.

**Credits:** 3

**Prerequisites:**

ARTE 097

**ARTE 099: Digit Media-Multimedia App II**

Examine advanced art-making genres and multi-media applications from mixed media assemblage and digital processes to alternative modes such as collaboration, performance art or installation art.

**Credits:** 3

**Prerequisites:**

ARTE 089

**ARTE 100: Independent Study III**

Study and produce independent research under the guidance of a faculty adviser.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**ARTE 101: Intro-Graph Sys Integration I**

Explore design process and art direction with emphasis on form and content through the selection, creation, and integration of typographic, photographic, illustrative, and design elements.

**Credits:** 3

**Prerequisites:**

Senior standing and instructor permission.

**ARTE 102: Intro-Graph Sys Integration II**

Study advanced design process and art direction with emphasis on form and content through the selection, creation, and integration of typographic, photographic, illustrative, and design elements.

**Credits:** 3

**Prerequisites:**

ARTE 101

## FASH - Fashion

**FASH 004: Intro to Fashion Industry**

Explore aspects of the fashion industry, including the design, production, evaluation, distribution, marketing, consumption, conservation, and discarding of textiles, clothing, accessories, and home furnishings within the United States and abroad and related careers. Understand how the aspects of the fashion industry compliment one another.

**Credits:** 3

**FASH 005: Fashion Industry II**

Explore one or more aspects of the fashion industry in-depth under the guidance of a faculty adviser.

**Credits:** 3

**Prerequisites:**

FASH 004 or instructor permission.

**FASH 006: Visual Merchandising**

Study visual merchandising, including a discussion of the principles and practices that guide the creation of window and promotional displays, store layout and design, and their impact on the fashion industry and consumerism.

**Credits:** 3

**Prerequisites:**

FASH 004 or instructor permission.

**FASH 009: Fashion Studio I: Beginning Construction**

Learn beginning clothing construction techniques, pattern analysis, and garment evaluation while developing an understanding of terminology, industry skills, and tools. Study the foundation for design leading to the presentation of the majors final collections. Understand commercial patterns and use of a sewing machine.

**Credits:** 3

**FASH 101: Fashion Design Seminar**

Explore the fashion industry with focus on skills needed and careers in the field. Create a fashion industry-specific resume. Engage with professionals in the field. Discover attributes, benefits, and training for specific positions.

**Credits:** 1

**Prerequisites:**

Majors only.

**FASH 102: African American Dress**

Explore the social, economic, cultural, geographical, historical, and political forces which have impacted the decisions of African Americans in the United States with respect to clothing and appearance. Identify and historical elements that contribute to the construction of African American appearance. Discover a framework for the analysis of African American appearance. Learn about the contributions of African Americans to the fashion industry and global culture.

**Credits:** 3

**Prerequisites:**

One course in psychology, sociology, or anthropology

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

ELO #7: Comprehensive Wellness Practices

**FASH 124: Textiles**

Study materials and manufacturing techniques for various fashion and home interiors textile products derived from raw and manmade sources. Explore sustainable practices for selection, use, care, and disposal alongside a textile testing lab component.

**Credits:** 3

**FASH 162: Fashion Studio II: Advanced Construction**

Study consumer sewing construction techniques as well as sewing techniques for the industry. Apply construction techniques to a variety of projects. Broaden knowledge about commercial patterns and select tools. Specific garment types may be focused upon.

**Credits:** 3

**Prerequisites:**

FASH 009

**FASH 163: Fashion Illustration I**

Learn the basic principles of drawing for the fashion industry with a focus on basic fashion figure features and proportions, croquis development, rendering techniques for garment and accessory details. Develop pieces for the portfolio.

**Credits:** 3

**Prerequisites:**

ARTF 001; ARTF 002.

**FASH 164: Fashion Illustration II**

Learn advanced illustration techniques for presentation. Receive an introduction to a variety of computer design software. Produce work suitable for a portfolio.

**Credits:** 3

**Prerequisites:**

FASH 163

**FASH 165: Directed Readings**

Study fashion topics and complete independent research through supervised readings leading to the completion of an undergraduate research project under the guidance of a faculty adviser.

**Credits:** 1

**Prerequisites:**

Instructor permission.

**FASH 166: Directed Readings**

Study fashion topics and complete independent research through supervised readings leading to the completion of an undergraduate research project under the guidance of a faculty adviser.

**Credits:** 1

**Prerequisites:**

Instructor permission.

**FASH 167: Directed Readings**

Study fashion topics and complete independent research through supervised readings leading to the completion of an undergraduate research project under the guidance of a faculty adviser.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**FASH 168: Practicum in Fashion**

Complete a supervised internship or work experience in a commercial, non-profit, or governmental agency related to fashion for a minimum of one hundred (100) hours.

**Credits:** 3

**Prerequisites:**

Completion of seventy-five (75) credits from the four-year sequence in fashion including a minimum of four (4) FASH courses in sequence and instructor permission.

**FASH 169: Fieldwork in Fashion**

Complete a supervised internship or work experience in a commercial, non-profit, or governmental agency related to fashion for a minimum of two hundred (200) hours.

**Credits:** 6

**Prerequisites:**

Completion of seventy-five (75) credits from the four-year sequence in fashion including a minimum of four (4) FASH courses in sequence and instructor permission.

**FASH 172: Fashion Studio III: Patternmaking & Draping**

Explore clothing design using flat-pattern drafting and draping techniques. Execute three-dimensional garments from two-dimensional form and inspiration. Create patterns for clothing construction.

**Credits:** 3

**Prerequisites:**

FASH 162

**FASH 173: Textile Design**

Explore the structural and decorative design of textiles. Become familiar with and learn techniques which may include weaving, knitting, crocheting, printing and/or dyeing.

**Credits:** 3

**Prerequisites:**

FASH 124

**FASH 174: Fashion Industry II: Fashion Trend Analysis**

Explore the role of forecasting and trend analysis in the development of collections. Learn how the elements and principles of art and design such as color, shape, line, form, volume, and others are selected and are expressed seasonally. Understand the cyclical nature of fashion.

**Credits:** 3

**Prerequisites:**

FASH 004 or instructor permission.

**FASH 175: Fashion Buying & Merchandising**

Explore fundamental activities, operations, and practices in retailing including theory and quantitative analysis of inventory, planning, pricing, markdowns, and control for the profitable management of retail environments. Learn how to plan a successful business venture.

**Credits:** 3

**Prerequisites:**

FASH 004 and MATH 005 or higher.

**FASH 176: Fashion in Context**

Explore current topics of interest in or clothing and accessory design techniques for the fashion industry.

**Credits:** 3

**Prerequisites:**

FASH 004, FASH 186, or instructor permission.

**FASH 177: Fashion in Context**

Explore garment and accessory design techniques specifically for the development of a senior exhibition during the Spring semester. Specific topics, techniques, or garment types may be featured to further build design skills.

**Credits:** 3

**Prerequisites:**

FASH 162, Senior standing, and instructor permission.

**FASH 182: Textile Design II**

Explore the structural and decorative design of textiles. Learn techniques such as weaving, knitting, crocheting, printing and/or dyeing.

**Credits:** 3

**Prerequisites:**

FASH 124

**FASH 183: Fash Studio IV: CAD in the Fashion Industry**

Explore the role of and use of computer aided design for textile design, pattern making, and presentations. Produce work suitable for portfolios.

**Credits:** 3

**Prerequisites:**

FASH 164 and 172

**FASH 184: Historic Textiles**

Explore ancient and occidental histories of textiles, including weaving, dyeing, and designing pre-1900. Understand the conditions which influenced the production and consumption of textiles.

**Credits:** 3

**Prerequisites:**

FASH 124.

**FASH 185: Traditional Folk Textiles and Dress**

Study of traditional folk textiles and dress throughout the world. Emphasis on textiles and dress styles still in use.

**Credits:** 3

**Prerequisites:**

FASH 124.



**FASH 186: Clothing in History**

Examine the global survey of clothing from 3000 B.C. to the Victorian era including an analysis of historical clothing design and contemporary trends in clothing. Explore the conditions that impacted the manner in which individuals presented themselves.

**Credits:** 3

**FASH 187: Clothing and Human Behavior**

Explore interdisciplinary study of the aesthetic, cultural, economic, geographical, historic, political, psychological, social, and technological aspects of clothing goods and services and their influence on consumption practices.

**Credits:** 3

**Prerequisites:**

FASH 004 and one course in psychology or sociology, or instructor permission.

**FASH 188: Current Clothing Topics**

Examine current topics of interest in the fashion and clothing field. Topics will vary.

**Credits:** 3

**Prerequisites:**

FASH 186 or instructor permission.

**FASH 189: Study Travel Tour**

Explore Fashion Design Program-sponsored, international and domestic travel/learning experiences and related pre- and post- activities for academic credit. Destinations vary. Note: Cost of travel may not be included in tuition and fees.

**Credits:** 1-3

**Prerequisites:**

Instructor permission.

**FASH 190: Special Projects in Fashion**

Explore fashion-related topics of interest in-depth under the guidance of a faculty adviser. Topics will vary.

**Credits:** 3

**Prerequisites:**

Junior or senior standing and instructor permission.

**FASH 191: Special Projects in Fashion**

Explore fashion-related topics of interest in-depth under the guidance of a faculty adviser. Topics will vary.

**Credits:** 3

**Prerequisites:**

Junior or senior standing and instructor permission.

**FASH 192: Current Textile Topics**

Examine current topics of interest in textiles. Topics will vary.

**Credits:** 3

**Prerequisites:**

FASH 004, FASH 124, or instructor permission.

**FASH 193: Fashion Brand Identity**

Explore activities that promote fashion-related goods and services in the global marketplace including brand development, marketing communications, and event planning. Understand the importance of creating and maintaining a presence in the marketplace. Use case studies to understand attributes of successful campaigns.

**Credits:** 3

**Prerequisites:**

FASH 004 or instructor permission.

**FASH 194: Fashion Seminar**

Examine advanced topics of interest in fashion and clothing.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**FASH 195: Fashion, Art, & Media**

Explore the role of how fashion and art influence the design of various forms of media, and conversely how media forms are influenced by fashion and art both historically and contemporaneously.

**Credits:** 3

**Prerequisites:**

ARTD 103, FASH 004, FASH 193, or instructor permission.

**FASH 196: Sustainability**

Explore the development of sustainable products and practices for fashion and interiors goods, their impact on consumers in the global marketplace, and the greening of the fashion and interiors industries. Complete projects that demonstrate the ways in which fashion and the environment interconnect.

**Credits:** 3

**Prerequisites:**

FASH 124 or instructor permission.

**FASH 197: Fashion Entrepreneurship**

Explore the conceptualization and development of a fashion-related business through the creation of a comprehensive business plan and participation in related entrepreneurial activities. Review case studies to gain a deeper understanding challenges and successes in entrepreneurship. Assess person attributes needed for entrepreneurs.

**Credits:** 3

**Prerequisites:**

FASH 004, FASH 174, FASH 187, and FASH 193, or instructor permission.

**FASH 198: International Trade in Textiles and Apparel**

Explore the organization and role of the apparel and textile industry in the global marketplace with an emphasis on the production, marketing, distribution, consumption, and discarding of textiles, apparel and related items and the trade, humanitarian, and ecological policies which govern these actions.

**Credits:** 3

**Prerequisites:**

FASH 004 or instructor permission.

**FASH 241: Fashion Seminar**

Execute garments and accessories for presentation during the Spring semester at the annual senior exposition. Plan senior exhibition.

**Credits:** 3

**Prerequisites:**

FASH 177, 184, Senior standing, and instructor permission.

# ARTF - Foundation Design

## **ARTF 001: Drawing I**

Explore visual hierarchy, composition, and pictorial space in drawing with an emphasis on linear perspective and the language of light and shadow using black and white media (graphite, charcoal and/or conte crayon); and develops skills and concepts in drawing based on historical models, lectures, demonstrations, and critiques.

**Credits:** 3

## **ARTF 002: Drawing II**

Study visual hierarchy, composition, and pictorial space in drawing with an emphasis on linear perspective and the language of light and shadow using black and white media (graphite, charcoal and/or conte crayon). Learn to develop skills and concepts in drawing based on historical models, lectures, demonstrations and critiques.

**Credits:** 3

### **Prerequisites:**

ARTF 001

## **ARTF 004: Drawing IV**

Advanced drawing problems in 2-dimensional composition and pictorial organization

**Credits:** 3

## **ARTF 011: Painting I**

This course introduces students to classical and contemporary painting, techniques and concepts, with emphasis on the understanding of its formal language and the fundamentals of artistic expression.

**Credits:** 3

## **ARTF 031: Printmaking I**

Students will learn techniques of fine art printmaking, e.g. relief printing, monotype, intaglio, collagraph and collage. T

**Credits:** 3

## **ARTF 033: Drawing III**

The human figure is the focus of this class. Working from the model, the class will consider the gesture and proportions of the figure. Students will be encouraged to conceive of the figure as a series of volumes in space. Basic anatomy will be introduced. The dynamic and expressive content of drawing will be encouraged. Media will be primarily pencil and charcoal.

**Credits:** 3

## **ARTF 087: Two Dimensional Concepts I**

Learn the basic elements of two-dimensional design: dot, line, shape, value, texture, space and color. Study such principles as rhythm, repetition, contrast, variety, balance and harmony. Understand how with form, each are presented as visual building blocks of a vocabulary necessary to the process of making visual statements.

**Credits:** 3

## **ARTF 088: Two Dimensional Concepts II**

Learn monochromatic, chromatic grays, analogous, complementary, split complementary, dyadic and triadic color schemes/systems/harmonies through various problems and exercises and presented as additional vocabulary necessary for making visual statements.

**Credits:** 3

### **Prerequisites:**

ARTF 087

**ARTF 089: Three Dimensional Concepts I**

Explore three-dimensional problem solving techniques through the use of various materials.

**Credits:** 3

**ARTF 090: 3-D Concepts II**

Study in-depth problem solving techniques as they relate to resolved products.

**Credits:** 3

**Prerequisites:**

ARTF 089

**ARTF 114: Computer in the Arts**

Designed for students who wish to integrate work in computing with work in several arts disciplines

**Credits:** 3

**ARTF 121: Ceramics I**

Ceramics I -X (ARTF 121-130) focus on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 122: Ceramics II**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 123: Ceramics III**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 124: Ceramics IV**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 125: Ceramics V**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 126: Ceramics VI**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 128: Ceramics VIII**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 129: Ceramics IX**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 130: Ceramics X**

Ceramics I -X (ARTF 121-130) focuses on introducing and building students skills in working with clay. Emphasis will be placed on the design elements; line, shape, texture, and color. Focus will be on the hand building techniques; functional as well as sculptural applications, and introduction to traditional and historical ceramic art. Students will be exposed to the craft of wheel thrown pottery. Various glaze and decoration techniques for finishing work will be introduced in the beginning classes.

**Credits:** 3

**ARTF 137: Ceramics Sculpture Workshop**

Advanced problems in the various techniques of sculpture. Emphasis on individual creative expression.

**Credits:** 3

**ARTF 138: Ceramics Sculpture**

This course expands upon the principles and processes introduced in Beginning Sculpture, developing a higher level of technical competence and critical sophistication.

**Credits:** 3

**ARTF 141: Sculpture I**

Projects in sculpture with an emphasis on contemporary theory and issues, the development of individual concepts and the exploration of materials, tools, and processes.

**Credits:** 3

# ARID - Interdisciplinary

## **ARID 100: Solar Car Design**

Team taught, collaborative group project with Schools of Business, Communications and Engineering to design a solar-powered vehicle for the Sunrayce national competition. The project involves graphics and layout, artistic rendering, electronic imaging, uniform design, computer modeling and sculpting. Students will participate in all areas of development; concept, production, and the competitive race. Course is cross-linked with Engineering and Business.

**Credits:** 3

## **ARID 102: Capstone Senior Project I**

Learn the conceptualization and development of a thesis or capstone project under the supervision of the faculty adviser.

**Credits:** 3

### **Prerequisites:**

Instructor permission.

## **ARID 103: Sr. Workshop/Capstone II**

Study the conceptualization and development of a thesis or capstone project under the supervision of the faculty adviser.

**Credits:** 3

### **Prerequisites:**

ARID 102 or instructor permission.

## **ARID 105: Digital Media and Multimedia Applications**

An introduction to digital media fundamentals including audio, video formats, storage and delivery. Windows Media technology will be extensively utilized as a method for digital content manipulation, rights management and internet transfer.

**Credits:** 3

# INTD - Interior Design

## **INTD 098: Environmental Factors of Interior Design**

Introduces the design, the environmental and the material implications of spaces for living. Fall semester.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

## **INTD 100: Fundamental Drafting of Interiors**

Learn graphic communication techniques required to communicate ideas and information related to interior design practice, including one and two-point perspectives. Understand the proper use of equipment and materials and read interior and architectural drawings.

**Credits:** 3

### **Prerequisites:**

Art foundational courses or instructor permission.

**INTD 101: Advanced Drafting Techniques for Interior Spaces**

Explore advanced drafting skills necessary for the professional and technical communication of ideas and information related to interior design using various computer rendering and electronic media, including one and two-point. Explores advanced drafting skills necessary for the professional and technical communication of ideas and information related to interior design using various computer rendering and electronic media, including one and two-point perspectives.

**Credits:** 3

**Prerequisites:**

INTD 100

**INTD 102: History of Interiors & Architecture**

Study the interiors and architecture from ancient to the present. Understand the political, social, economic, religious, and technological context of the periods related to the historical development of built environments, furniture, textiles, and accessories until the twentieth century.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**INTD 103: Contemporary Interiors**

Learn the development of furniture, textiles and accessories and their relationship to interiors, Victorian to present. Spring only.

**Credits:** 3

**INTD 104: Construct of Interior Spaces**

Study interior and architectural building codes, construction means, and methods required for built environments. Recognize through researching and applying international and jurisdictional building code requirements and identifying appropriate construction methods.

**Credits:** 3

**Prerequisites:**

INTD 098, INTD 100 or instructor permission.

**INTD 105: Interior Model Building**

Explore interior model building materials, methods, and interior construction techniques used to construct a residential model focusing on the interior.

**Credits:** 3

**Prerequisites:**

INTD 104

**INTD 106: CAD for Interiors I**

Explore design software programs for interior design practice. Learn instructed program commands, design techniques, and methods to produce professional presentations. Understand technical issues and investigating new creative uses for the software.

**Credits:** 3

**Prerequisites:**

Art foundation courses, INTD 100, or instructor permission.

**INTD 107: CAD for Interior II**

Explore 2-D and 3-D features and other visualization and rendering programs introduced to advanced drafting skills of interior perspectives and axonometric drawings. Learn software applications that demonstrate competency in intermediate commands and design acuity, resulting in complete construction documents and professional presentations.

**Credits:** 3

**Prerequisites:**

INTD 106 or instructor permission.

**INTD 108: Interior Graphics and Rendering**

An introduction to contemporary media and methods of rendering perspectives. Emphasis on techniques and different methods of applying color such as water colors, acrylic, zipatone and magic markers.

**Credits:** 4

**INTD 109: Materials and Interior Components**

Study materials and finishes used in residential and commercial interiors. Learn estimating, fabrication, installation, identifying materials, composition, use and appropriateness, manufacturers, and sources. Understand how to identify material performance characteristics, fire-resistant qualities, acoustic properties, and fabrication and installation of materials and textiles for structural finishes and furnishings. Learn industry building codes, standards and regulations, and sustainability requirements.

**Credits:** 3

**Prerequisites:**

INTD 098

**INTD 110: Interior Render & Present Tech**

Explore various presentation techniques for interior design projects. Learn digital, graphic, and rendering methods to effectively communicate ideas in a presentation format that clients can recognize and evaluate. Study techniques for applying colors such as watercolors, acrylic, zipatone, and magic markers comprehensions of CAD I and supportive curricula in art and design.

**Credits:** 3

**Prerequisites:**

INTD 100, INTD 106

**INTD 111: Resident Interior Design I**

Explore residential design through an environmentally sustainable lens. Learn design programming, quality of life issues, and interviewing and collaborating with clients. Studio sessions include the development of viable solutions and creative planning of small and large-scale residential spaces, renovations to existing residences, and design for special needs populations.

**Credits:** 3

**Prerequisites:**

INTD 100, INTD 104, INTD 107, or instructor permission.

**INTD 112: Adv Residential Int Design**

Examine kitchen and bathroom design based on National Kitchen and Bath Association programming instruction, the latest codes, guidelines, and standards to meet professional credentials. Review and gain product knowledge regarding appliances, cabinetry, countertops, and plumbing fixtures. In addition, incorporate sustainable and WELL standards to improve quality of life issues. Studio sessions include the development of viable solutions and creative planning or renovation of kitchen and bath spaces and design for special needs populations.

**Credits:** 3

**Prerequisites:**

INTD 111



**INTD 113: Office Interior Design**

Explore analyses and programming skills to design office interiors that address health, safety, and the public's welfare in commercial environments and the functional and aesthetic goals of the client. Learn and prepare construction documents with knowledge of building codes, standards, and guidelines appropriate to space type and usage. Produce a complete set of construction documents (excluding engineering sets) utilizing interior design and architectural standards.

**Credits:** 3

**Prerequisites:**

INTD 100, INTD 104, and INTD 107

**INTD 114: Business Aspects Int Design**

Examine the foundations of business and the professional practice of interior design. Explores the principles, procedures, and methods, including compensation and fees, contracts, business forms, and budget management. Understand designer/client and trade relationships and legal considerations to operate an interior design business effectively.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**INTD 115: Practicum Interior Design**

Explore and observe business practices in an interior design establishment in the Washington, D.C., area. Requires completion of at least 10 hours per week or at least 100 hours of experiential learning to gain firsthand experience in the interior design profession an instructor-approved internship. Documentation and evaluation are needed for this experiential learning opportunity.

**Credits:** 3

**Prerequisites:**

Completion of eighty (80) credit hours, INTD 111, INTD 113, INTD 118, or instructor permission.

**INTD 116: Lighting of Interior Spaces**

Explore lighting as a design element for the interior environment. Identify the impact of lighting, types of lighting for specific uses, energy conservation, electrical systems and distribution, and related functions. Learn the fundamental principles of color as it applies to the spatial and visual perception of the built environment, the psychology of color, and its impact on human behavior and interior spaces.

**Credits:** 3

**Prerequisites:**

INTD 100, INTD 104, and INTD 107

**INTD 117: Office Inter Design II**

Explore interior design offices, such as law, medical, insurance, banks, accounting, and other workplace settings. Understand critical thinking skills to develop conceptual ideas encompassing social, psychological, and design theories for impactful design solutions and incorporate codes and requirements of specified building types.

**Credits:** 3

**Prerequisites:**

INTD 113

**INTD 118: Commercial Interior Design I**

Explore critical thinking skills and designs acuity for large-scale commercial interiors. Work in collaborative and multi-disciplinary structures to explore and apply design methodologies in commercial interior design teams. Expands visual and verbal presentation skills.

**Credits:** 3

**Prerequisites:**

INTD 098, INTD 100, INTD 104, INTD 107, or instructor permission.

**INTD 120: Portfolio Dev & Review**

Learn how to complete a body of work product that demonstrates studio portfolio that demonstrates progress from first-year to capstone year.

**Credits:** 3

**Prerequisites:**

Senior standing.

**INTD 121: Int. Design VI, Adv Problem Th**

Learn how to analyze and explain a selected senior thesis design. Understand and demonstrate advanced design skills and vocabulary for a senior-level presentation.

**Credits:** 4

**Prerequisites:**

Senior standing.

**INTD 125: Portfolio Development & Review**

This course introduces students to the principles of layout, design and production of newspapers, magazines, websites and other digital media.

**Credits:** 3

**Prerequisites:**

Junior or Senior Interior and Architecture Only.

**INTD 130: Furniture Design I**

Learn furniture design concepts, functions, materials, construction techniques, and custom millwork related to interior environments. Understand how to create environmental elements and craftsmanship, applying materials to ideas, and developing practical prototypes. Study how to solve furniture design problems using drafting and modeling techniques. Learn how designs are created through the study of structure and materials.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**INTD 131: Furniture Design II**

Examine advanced techniques for furniture design.

**Credits:** 3

**Prerequisites:**

INTD 130

**INTD 169: Fieldwork Interior Design**

Study in an interior design firm or other suitable related approved area without compensation, applies and observes business practices in interior design. Understand and gain experiential learning in the interior design profession.

**Credits:** 4

**Prerequisites:**

Senior standing.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**INTD 190: Special Projects in Interior Design**

Explore structured learning experiences to broaden comprehension of the principles and competencies associated with the discipline or program with individualized, in-depth learning experiences.

**Credits:** 4

**Prerequisites:**

Senior standing or instructor permission.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

# ARTA - Painting

## **ARTA 011: Painting I**

Learn traditional and contemporary techniques, with emphasis on control of paint and painting form.

**Credits:** 3

**Prerequisites:**

ARTF 001

## **ARTA 012: Painting II**

Study various approaches to painting.

**Credits:** 3

**Prerequisites:**

ARTA 011

## **ARTA 013: Painting III - Mixed Media**

Study the physical composition of paints and use of tools and explores various means to achieve aesthetic ends.

**Credits:** 3

**Prerequisites:**

ARTA 012 or instructor permission.

## **ARTA 014: Watercolor I**

Explore the use of contemporary aqueous media, including experimental approaches from documentary to nonobjective.

**Credits:** 3

**Prerequisites:**

ARTF 001

## **ARTA 015: Watercolor Painting II**

Continuation of ARTA 014, with development of a personal approach and exploration of varied techniques.

**Credits:** 3

**Prerequisites:**

ARTA 014.

## **ARTA 016: Figure Painting I**

Study various histories and tools for figure painting.

**Credits:** 3

**Prerequisites:**

ARTA 011

## **ARTA 017: Figure Painting II**

Study various advanced techniques in figure painting.

**Credits:** 3

**Prerequisites:**

ARTA 016

## **ARTA 018: Figure Painting III**

Explore various advanced techniques in figure painting.

**Credits:** 3

**Prerequisites:**

ARTA 017

**ARTA 019: Public Art I**

Explore art located in public environments.

**Credits:** 3

**Prerequisites:**

ARTA 018

**ARTA 020: Public Art II**

Explore art located in public environments.

**Credits:** 3

**Prerequisites:**

ARTA 019

**ARTA 023: Painting Workshop**

Explore individual studies in painting under the supervision of a faculty member.

**Credits:** 3

**Prerequisites:**

ARTA 011

**ARTA 024: Advanced Painting Workshop**

Explore individual studies in painting under the supervision of a faculty member.

**Credits:** 3

**Prerequisites:**

ARTA 023

**ARTA 025: Intermediate Rhythm Techniques Workshop**

Explore the development and practice of a rhythmic approach to the design and production of art based on the concepts of traditional African "Work Rhythms/Songs."

**Credits:** 3

**Prerequisites:**

ARTA 024

**ARTA 026: Studio Internship**

Explore the practical experience working with a professional artist in an area of personal interest or specialization.

**Credits:** 3

**Prerequisites:**

ARTA 023

**ARTA 22: Painting VI**

**Credits:** 3-0

**ARTG 212: Painting V**

**Credits:** 3-0

## ARTP - Photography

**ARTD 080: Digital Imaging for Photographers**

Students learn the theoretical and practical aspects of photographic digital imaging.

**Credits:** 3

**ARTP 019: Public Art I**

Explore art in public spaces.

**Credits:** 3

**ARTP 031: Printmaking I**

Explore the medium of printmaking through traditional and contemporary methods and materials.

**Credits:** 3

**ARTP 032: Silkscreen Printmaking**

Presents the silkscreen process of printmaking, dealing with problems and original compositions, with emphasis on color printing. Fall semester only.

**Credits:** 3

**ARTP 033: Relief Printmaking**

Exploration of woodcuts, linoleum cuts, and contemporary relief printing techniques, with emphasis on color and color registration methods. Spring semester only.

**Credits:** 3

**Prerequisites:**

ARTP 031.

**ARTP 034: Lithography**

Introduction to photo-lithography and color printing with use of lithographic crayon, tusche, and autographic materials. Fall semester only.

**Credits:** 3

**Prerequisites:**

ARTP 031.

**ARTP 035: Intaglio Printmaking**

Projects in etching, engraving, aquatint, drypoint, soft ground, life ground, and mixed media, with a focus on color intaglio techniques. Spring semester only.

**Credits:** 3

**Prerequisites:**

ARTP 031.

**ARTP 039: Printmaking Workshop I**

Consists of advanced workshop and independent investigation, with scheduled group reviews and critiques.

**Credits:** 3

**Prerequisites:**

ARTP 031.

**ARTP 040: Digital Printmaking Workshop II**

Explore the production of printmaking utilizing contemporary digital methods.

**Credits:** 3

**Prerequisites:**

ARTP 039

**ARTP 041: Social Graphics I**

Survey of historical precedents in printmaking and its use as an educational medium. Use of appropriate printmaking methods and materials. Emphasis on contemporary issues, ideas, and ideals. Fall semester only.

**Credits:** 3

**ARTP 042: Social Graphics II**

A continuation of Social Graphics I.

**Credits:** 3

**Prerequisites:**

ARTP 041. Spring semester only.

**ARTP 043: Independent Study in Printmaking I**

Independent work in printmaking. Presentation of a comprehensive body of prints at the end of the semester. Periodic meeting with instructor for progress evaluation. Preliminary proposal required at the beginning of the course.

**Credits:** 3

**Prerequisites:**

senior standing. Fall semester.

**ARTP 044: Independent Study in Printmaking II**

Independent work in printmaking. Presentation of a cohesive body of prints at the end of the semester. Periodic meetings with the instructor for progress evaluation. Preliminary proposal required at the beginning of the semester.

**Credits:** 3

**Prerequisites:**

Senior standing. Spring semester only.

**ARTP 050: Basic Black & White Photography**

Study basic black and white photography methods, and explore an overview of history of processes and aesthetics in photography.

**Credits:** 3

**ARTP 051: Intermediate Photography**

Study advanced black and white photography, with special attention given to the development of a personal exposure system, along with basic techniques in design concepts as they relate to photography.

**Credits:** 3

**Prerequisites:**

ARTP 050 or instructor permission.

**ARTP 052: Photography II. Basic Color**

An introduction to color photography. The course is designed to give the student a basic knowledge of color photography through the use of negative/positive processes.

**Credits:** 3

**Prerequisites:**

ARTP 051, or 8 mounted photographs.

**ARTP 055: Photo Intern I**

Learn studio lighting techniques as they pertain to still life set-ups.

**Credits:** 3

**Prerequisites:**

Junior standing or instructor permission.

**ARTP 056: Documentary Photography**

Learn techniques on how to develop a Photo Essay and how to illustrate commercial assignments using these techniques.

**Credits:** 3

**Prerequisites:**

ARTP 051, ARTP 063, ARTP 085 or instructor permission.

**ARTP 057: Senior Photography I**

Learn advanced photography techniques, with special attention given to the development of a personal exposure system, along with basic techniques in design concepts as they relate to photography.

**Credits:** 3

**Prerequisites:**

Senior standing or instructor permission.

**ARTP 058: Problems in Photography**

Explore contemporary issues in photography, critical theory, and other issues surrounding contemporary photographic practices through the style and content of work by selected contemporary photographers.

**Credits:** 3

**Prerequisites:**

ARTP 051, ARTP 056, ARTP 063, and ARTP 085, or instructor permission.

**ARTP 059: IS: Study in Photography**

Study photography and independent research under the guidance of a faculty adviser.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**ARTP 060: Photography Internship I**

This course offers the student the opportunity to work in a professional environment.

**Credits:** 3

**Prerequisites:**

ARTP 054, or ARTP 055, or ARTP 056.

**ARTP 061: Photography Internship II**

This course offers the student the extended opportunity to work in a professional environment.

**Credits:** 3

**Prerequisites:**

ARTP 057.

**ARTP 063: Digital Darkroom**

Learn concepts, techniques, practices, aesthetics, and ethics of photographic imaging and image making with digital technologies along with experimentation with the camera and the digital darkroom.

**Credits:** 3

**Prerequisites:**

ARTP 050, ARTP 085

**ARTP 085: Digital Photo**

Explore how to integrate photography and computer image processing techniques to create a new art forms.

**Credits:** 3

**ARTP 096: Documentary Photo**

Explore techniques to create narratives through photographic methods.

**Credits:** 3

**Prerequisites:**

ARTP 050, ARTE 063, ARTP 085, or instructor permission.

**ARTP 225: Printmaking IV**

Learn advanced techniques printmaking under the supervision of a faculty adviser.

**Credits:** 3

**Prerequisites:**

ARTP 040

# ARTS - Sculpture

## **ARTS 141: Sculpture I: Modeling & Cast**

Learn through structured studio projects to develop a formal vocabulary of expression through methodic idea development and forming techniques. Understand basic sculpture processes and practical aspects of the art. Learn to use sculpture as a conceptual and construction language.

**Credits:** 3

**Prerequisites:**

ARTS 142

## **ARTS 142: Sculpture II: Fabric & Carving**

Explore an expressive approach to sculpture. Learn the additive and subtractive sculpture making procedures emphasizing joining and shaping of forms. Study how visual information is gathered from the natural and artificial world. Understand how the elements structure and pattern are examined.

**Credits:** 3

**Prerequisites:**

ARTS 141

## **ARTS 143: Figure Sculpture I**

Learn to sculpt clay likenesses from live models through observation and modeling techniques. Study how the careful and continuous study from life expands an understanding of structure and shape, clarifies our perception of what we see, and hones our ability to form what we intend. Learn how the human form also inspires psychological exploration of expression.

**Credits:** 3

**Prerequisites:**

Instructor permission.

## **ARTS 144: Figure Sculpture II**

Continuation of Figure Sculpture I. This class develops the student's skills and individual style by encouraging fidelity to nature and personal interpretations of character.

**Credits:** 3

## **ARTS 145: Figure Sculpture III**

Advanced figure study. The student is expected to cultivate a naturalistic style or personal sense of abstraction.

**Credits:** 3

## **ARTS 146: Figure Sculpture IV**

Further advanced figure study. The student is expected to hone a developing style. In addition, the student may work as a teaching assistant to the instructor and is expected to accept certain studio responsibilities.

**Credits:** 3

## **ARTS 147: Wood Sculpture**

Study the manual techniques involved in wood carving and fabrication processes. Learn the forms of fine wood sculpture and other woodworking. Understand how to identify and season wood, wood working tools, equipment and processes.

**Credits:** 3

**Prerequisites:**

ARTS 142

## **ARTS 148: Stone Sculpture**

This course introduces the student to stone carving techniques. Through certain carving exercises, students will design, rough out, and chase stone sculpture, as well as make their own tools.

**Credits:** 3



**ARTS 149: Metal Sculpt I: Welding Fabric**

Learn welding, brazing, and soldering techniques, as well as fundamental metal construction processes necessary for armature building and direct sculpture.

**Credits:** 3

**Prerequisites:**

ARTS 141

**ARTS 150: Metal Sculpture II: Smithing and Forge Fabrication**

Advanced construction processes for direct sculpture. The course introduces hot forming, hammered and fabricated metal sculpture techniques. Students will also learn to make their own tools.

**Credits:** 3

**ARTS 151: Foundry I: Bronze Casting**

Introduction workshop to the casting process. Substitution theory and gating systems, wax working, mold making, investment and ceramic shell molds, foundry safety and metal pouring.

**Credits:** 3

**ARTS 153: Sculpture Workshop I**

Advanced Study. Students will pursue personal investigations in one or more sculpture making processes. Shop economics and responsibilities are also developed in a collective atelier environment.

**Credits:** 3

**ARTS 154: Sculpture Workshop II**

Further sculpture workshop study.

**Credits:** 3

**ARTS 155: Independent Studio I**

Explore advanced study in personal sculpture direction.

**Credits:** 3

**Prerequisites:**

Instructor permission.

**ARTS 156: Independent Studio II**

Further advanced study in personal direction.

**Credits:** 3

**ARTS 157: Internship**

A career-oriented work experience related to the student's academic studies, professional and educational goals. The experience must be supervised by a qualified supervisor.

**Credits:** 3

## ARTX - Experimental Studio Art

**ARTX 161: Experimental Studio I**

Explore improvisational and unconventional combinations of media.

**Credits:** 3

**Prerequisites:**

Junior or Senior standing and instructor permission.

**ARTX 162: Experimental Studio II**

Problems in three dimensional mixed media. May be repeated for up to 9 hours of credit.

**Credits:** 3

### **ARTX 163: Experimental Studio III**

Introduction to Environmental and Public Art. An introduction to designing scale models, maquette construction, safety, security, philosophical and social considerations in the execution of art works for public spaces. Open to graduate and advanced undergraduate students.

**Credits:** 3

### **ARTX 164: Experimental Studio IV**

Introductory problems in cable, mast and membrane construction.

**Credits:** 3

### **ARTX 182: Experimental Studio Workshop I**

Advanced experimental studio exploring improvisational and unconventional combinations of media.

**Credits:** 3

### **ARTX 183: Experimental Studio**

Advanced problems in environmental and public art.

**Credits:** 3

### **ARTX 184: Experimental Studio Workshop II**

Special problems in multi-media practices.

**Credits:** 3

### **ARTX 185: Experimental Studio Seminar**

Advanced problems in cable, mast and membrane construction.

**Credits:** 3

## BIOL - Biology

### COURSE DESCRIPTIONS

#### **BIOL 003: Life Science Non-Mjrs Biology**

Explores comprehensive and exciting themes biology in an introductory course designed for non-science majors. Includes a laboratory component.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

#### **BIOL 101: General Biology Lec/Lab**

Examines the unifying concepts of contemporary biology at all organizational levels through integrated lectures and laboratories. All basic life properties in prokaryotic and eukaryotic systems are studied. Designed for Biology majors in particular, but is appropriate for all STEM majors and pre-health-profession students.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

#### **BIOL 102: General Biology Lec/ Lab**

Continue to examine the unifying concepts of contemporary biology at all organizational levels through integrated lectures and laboratories as introduced in BIOL 101. Designed for Biology majors in particular, but is appropriate for all STEM majors and pre-health-profession students.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 190: 290, 390, 490. Independent Investigations**

Conception and development of an independent research project.

**Credits:** 3

**BIOL 200: Genetics Lec/Lab**

Learn about the chemical composition and structure of genetic material and its transmission and function in development and metabolism. Combines classical and molecular-biological approaches to the understanding of mechanisms of inheritance.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 202: Plant Diversity Lec/Lab**

Study the variation and classification, ecological distribution, and human interactions of plants and plant-like organisms. The knowledge of basic plant structure and diversity is placed within an evolutionary context.

**Credits:** 4

**Prerequisites:**

BIOL 101/102

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 204: Science & Public Policy**

Explores ethical, historical, and political aspects of the utilization of scientific knowledge for the development of public policy.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**BIOL 205: Invertebrate Biology Lec/Lab**

Studies representative invertebrates, including the morphology, life history, and phylogenetic relationships.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 207: Biosphere Lecture**

Examines the evolutionary history of the dynamics of the biosphere (the upper few kilometers of the crust, atmosphere, oceans, and anthroposphere) with particular focus on the role of life in the regulation of chemical and physical conditions.

**Credits:** 0-4

**Prerequisites:**

BIOL 101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 208: Native Plants**

Nontechnical field and laboratory course dealing with the collection, identification, preparation, and uses of native wild plants. BIOL 101/102.

**Credits:** 4

**BIOL 210: Field Biology**

Field course involving the collection, preservation, and identification of native and introduced Flora and Fauna.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**BIOL 217: Honors Orientation**

Gain exposure to research projects from the country and learn about independent research opportunities here at Howard as part of the COAS Honors Program. For Honors students only

**Credits:** 1

**Prerequisites:**

Sophomore status and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 218: Direct Readings for Sophomores**

Continue exposure to various research projects via participation in weekly seminar series, and begin a supervised study on a topic chosen in conjunction with an approved research mentor as part of the COAS Honors Program. For Honors students only.

**Credits:** 1

**Prerequisites:**

Sophomore status and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 219: Top: Biological & Social Aspec**

Examines normal and pathological changes occurring in the aging human body with special emphasis on age-related chronic diseases. Topics addressed include: analysis of biological theories of aging, cultural and ethnic influence on aging pathologies, and other factors impacting the aging process.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 220: General Microbiology Lec/Lab**

Explores the structure and function of the microbial cells including their growth, physiology, genetics, pathogenesis and host responses

**Credits:** 4

**Prerequisites:**

BIOL 101/102, BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 230: Ecology Lec/Lab**

Learn how the physical and biotic environments of animal and plant species influence patterns of distribution and abundance, with specific emphasis on features of natural communities.

**Credits:** 0-4

**Prerequisites:**

BIOL 101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 240: Evolution**

Explores Darwin's theory of evolution and its implications, evidence from various biological disciplines supporting Darwin's evolutionary theory, chemical evolution and organic evolution from the cell to modern human.

**Credits:** 3

**Prerequisites:**

BIOL 200.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 251: Comparative Anatomy**

Lectures analyze the functional anatomy of vertebrates and the evolution and embryonic development of their structures and functions. Laboratories involve dissection of selected vertebrate organisms.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**BIOL 252: Comp Anatomy of Vertebrates**

Analyzes the functional anatomy of vertebrates and the evolution and embryonic development of their structures and functions. includes dissection of selected vertebrate organisms.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 253: Plant Anatomy**

Lecture-laboratory course dealing with the study of the structure and development of the cells, tissues, and organs of vascular plants.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**BIOL 302: Organismal Biology Lec-Lab**

Explores the ways in which anatomy and physiology of organisms are shaped by the physical environment and focuses on the physical forces that act inside and outside of the body, including those involved with movement, fluid mechanics, tissue materials properties, diffusion, obtaining sensory information, and communication among cells.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 310: Cell Biology**

Examines the chemistry, structure, and function of cells and their components and the microscopic details of mammalian tissues and organs.

**Credits:** 4

**Prerequisites:**

BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 315: Quantitative Biology**

An introduction to quantitative methods of measuring biological processes, evaluating and interpreting experimental data, and monitoring biological phenomena. Marc Honors Course.

**Credits:** 3

**BIOL 317: Direct Readings in Jr Honors**

Continue exposure to various research projects via participation in weekly seminar series, and conducting a supervised study on a topic chosen in conjunction with a research mentor. Continuation of BIOL 218. For Honors students only.

**Credits:** 1

**Prerequisites:**

Junior status and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 318: Direct Readings in Jr Honors**

Engages COAS Honors Program proposal writers in the proposal development process and immerses students in strategies for success using a hands-on, mentor-led approach.

**Credits:** 1

**Prerequisites:**

Honors Only

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 319: Aging Physiology&age-relat dis**

Defines aging, reviews the theories of aging, and examines the physical changes in body systems associated with aging including changes in the cardiovascular, endocrine, gastrointestinal, immune, integumentary, musculoskeletal, nervous, reproductive, respiratory, sensory, and urinary systems.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 320: Molecular Biology Lec/Lab**

Engage in discussion and experimentation covering the structure and function of prokaryotic and eukaryotic genomes and their gene products with a focus on the regulation of genetic expression. Explore the theoretical basis and application of current research techniques used in basic and applied molecular biology and genetic engineering.

**Credits:** 4

**Prerequisites:**

BIOL 200.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 328: Global Environment**

Learn about the structure and function of prokaryotic and eukaryotic genomes and their gene products. Regulation of genetic expression is stressed. The theoretical basis and application of current research techniques used in basic and applied molecular biology and genetic engineering are covered.

**Credits:** 0-4

**Prerequisites:**

BIOL 230.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 329: Global Climate Change Lec/Lab**

Introduces students to global ecology and considers the critical problems facing humanity with regard to environmental ecological damage, agriculture, climatic change and depletable mineral, water and energy resources. Examines all spatial scales with emphasis on global/local/urban interrelations and their impact on human health and ecosystems.

**Credits:** 4

**Prerequisites:**

BIOL 101/102 or consent of the instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 331: History and Philosophy of Science**

A study of the major philosophical principles that have led to the development of the scientific method and the major discoveries of science.

**Credits:** 3

**BIOL 340: Bacterial Physiology**

Comprehensive study of biochemical mechanisms and physiological behavior in bacteria. Prerequisites BIOL 220, and CHEM. 142.

**Credits:** 3

**BIOL 341: Animal Physiology**

Explore the muscles, nervous system, reproduction, and physiological regulation of animals using discussion and hands-on labs.

**Credits:** 4

**Prerequisites:**

BIOL101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 344: Plant Physiology Lec/Lab**

Studies physiologic processes and regulatory mechanisms associated with growth and development primarily in higher plants.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 348: Biogeochemistry**

Surveys the distribution of the elements composing the earth with discussion of the reasons underlying these patterns, including examination of biological interactions.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 390: Independent Investigations**

Learn the fundamentals of research project conception, development, and implementation.

**Credits:** 3

**Prerequisites:**

Junior and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**BIOL 395: Biology Study Abroad**

Provides Biology credit for pre-approved Biology courses taken during study abroad or other international experiences that do not align with courses currently offered in the department.

**Credits:** 1-6

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 396: Biology Study Abroad**

Provides Biology credit for pre-approved Biology courses taken during study abroad or other international experiences that do not align with courses currently offered in the department.

**Credits:** 1-6

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 402: Insect Biology Lec/Lab**

Examines taxonomy, morphology, physiology, behavior, and ecological and evolutionary relationships in the class Insecta.

**Credits:** 0-4

**Prerequisites:**

BIOL 101/102, and BIOL 200.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 403: Research in Parasitism**

Considers the biology of metazoan parasites of man and animals and the host-parasite relationship.

**Credits:** 4

**Prerequisites:**

Consent of instructor.

**BIOL 404: Parasitology**

Considers the biology of protozoan and metazoan parasites of man and animals and the host-parasite relationship.

**Credits:** 4

**Prerequisites:**

consent of instructor.

**BIOL 405: Social Insects**

Deals with behavioral and systemic studies in social insects in their natural habitats.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.



**BIOL 406: Exper Parasitology**

Emphasizes modern approaches to parasitology, including molecular biology and immunology

**Credits:** 4

**Prerequisites:**

Consent from instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 407: Ichthyology Lec/Lab**

Studies fish biology, including taxonomy, morphology, population dynamics and distribution of fishes, and a critical review of current ichthyological research. The laboratory consists of field experience, along with dissection of representative forms.

**Credits:** 0-4

**Prerequisites:**

BIOL 101/102 or consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 408: Herpetology**

This lecture-laboratory course concerns the study of amphibians and reptiles and focuses on the taxonomic, morphological, physiological, behavioral, ecological and evolutionary relationships among members of these vertebrates.

**Credits:** 4

**Prerequisites:**

BIOL 101/102 or consent of instructor.

**BIOL 409: Animal Behavior Lec/Lab**

Learn about animal behavior using an environmental and quantitative approach to illustrate basic principles, with emphasis on physiological bases, ecological correlates, and evolutionary aspects.

**Credits:** 0-4

**Prerequisites:**

BIOL 101/102 or consent of instructor, BIOL 310 or consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 410: Plant Systematics**

Lecture-laboratory course involving the basic principles and concepts in the classification and nomenclature of vascular plants.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**BIOL 412: Biological Anth. & Human Evol.**

Uses data from evolutionary theory, primatology, comparative anatomy, genetics, and paleontology to understand the latest hypotheses regarding human evolution and modern human behavioral biology.

**Credits:** 4

**Prerequisites:**

BIOL 240

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 413: Developmental Biology Lec**

Discusses gametogenesis, fertilization, cleavage, differentiation and mechanisms controlling these processes. Laboratory includes study of living invertebrate specimens.

**Credits:** 0-4

**Prerequisites:**

BIOL 310 or BIOL 320.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 415: Molecular Genetics**

Lecture-laboratory course in which studies of plant and microbial genomes are conducted through nucleic acid analysis and applications of recombinant-DNA technology and environmental mutagenesis.

**Credits:** 4

**Prerequisites:**

BIOL 101/102, BIOL 200, CHEM. 156 or the equivalent; and advanced standing.

**BIOL 416: Advanced Cytology Lec-Lab**

Analyzes ultrastructural cytology, with emphasis on current techniques in transmission and scanning electron microscopy and cytochemistry.

**Credits:** 0-4

**Prerequisites:**

BIOL 101/102, BIOL 200, BIOL 310.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 417: Evolutionary Medicine Lec/Lab**

Introduces the rapidly emerging field of evolutionary medicine as one approach to appreciating evolution as a unifying principle of biology. Discusses the evolutionary nature of many issues connected to human health and to better understand the field of evolution via examples that are medically relevant.

**Credits:** 4

**Prerequisites:**

BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 419: Bioinformatics Lec/Lab**

Learn the most important concepts, methods, tools and databases in bioinformatics. Topics include sequence alignment, sequence search, molecular phylogenetics, next-generation sequencing, genome and transcriptome analysis, protein sequence analysis, protein structure modeling, machine learning, biological databases, bioprogramming, and bioinformatics tools.

**Credits:** 4

**Prerequisites:**

BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 420: Cancer Biology**

Examines normal vs. cancerous cell growth; examines genetic mechanisms, protein modifications and the multi-hit hypothesis that leads to cancer onset, as well as associated stages of disease and treatment/therapies.

**Credits:** 3

**Prerequisites:**

BIOL 310 OR 320; CHEM through Organic

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 421: Virology**

Examines the structure, biochemistry, and biologic relations of viruses.

**Credits:** 3

**Prerequisites:**

BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 422: Immunology Lec/Lab**

Covers humoral and cellular immunity against infections and non-self agents; cellular interactions and differentiations events associated with the immune response; and applications of immunology to biomedicine.

**Credits:** 4

**Prerequisites:**

BIOL 310 or 320; Chemistry through organic

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 424: Environ Microbiology Lec-Lab**

Explores the roles of microorganisms in the built and natural environments. Learn about the public health implications of microbes and their products in the environment, and the role of microbes in bioremediation of hazardous chemical wastes.

**Credits:** 4

**Prerequisites:**

BIOL 220.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 425: Patho Bacteriology Lec/Lab**

Examines the mechanisms of pathogenesis of bacterial diseases including various host responses, methods of identification, growth and control.

**Credits:** 0-4

**Prerequisites:**

BIOL 220.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 426: Food Microbiology Lec/Lab**

Explores the microbiology and ecology of foodborne microorganisms with regards to food poisoning, spoilage, production and fermentation.

**Credits:** 0-4

**Prerequisites:**

BIOL 220.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 430: Biostatistics Lec/Lab**

Deals with measures of central tendency and dispersion; binominal, student, and chi-square distribution; and hypothesis testing related to biological problems.

**Credits:** 4

**Prerequisites:**

college algebra or the equivalent.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 432: Plant Populations and Communities**

Lectures, labs and field trips introduce students to the structure and dynamics of plant populations and communities from an evolutionary perspective. Students develop and awareness of abiotic factors and ecological relationships between species that influence the abundance and distribution of plants in the natural environment, and the important role of plants in the global ecosystem. Laboratory exercises allow students to design and implement field and greenhouse experiments. Students will gain experience with internet resources in searching the primary literature in plant ecology, as well as analyzing and presenting scientific data.

**Credits:** 4

**Prerequisites:**

BIOL 101/102, BIOL 200, BIOL, 230 or consent of instructor.

**BIOL 441: Endocrinology I Lec/Lab**

Examines the endocrine system in a systematic manner, beginning with consideration of the chemistry, function and physiological roles of the hormones. Special emphasis on the molecular mechanism of action of these hormones and how are they are involved in the regulation of physiological processes.

**Credits:** 4

**Prerequisites:**

BIOL 200, Chemistry through organic and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 444: Neuroscience Lec/Lab**

Examines the function of the nervous systems from a molecular and cellular perspective. Topics include cellular neurophysiology, synaptic transmission, processing of sensory information and motor control of movement.

**Credits:** 4

**Prerequisites:**

BIOL 341.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 445: Eukaryotic Gene Expression**

Explores gene function and expression and omics data analysis in genomics, epigenomics, transcriptomics, proteomics, metabolomics and other 'omics fields. Includes practical experience in the application of state-of-the-art 'omics and machine learning tools to bioinformatics and biomedical research.

**Credits:** 4

**Prerequisites:**

BIOL 101/102, BIOL 200, CHEM. 142, and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 446: Mycology Lab**

Explores the biology of fungi, with emphasis on their development, phylogeny, and ecologic distribution.

**Credits:** 0-4

**Prerequisites:**

BIOL 101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 448: Techniques in Biological Chemistry**

Introduces student to the theoretical bases and practical applications of experimental techniques in cellular biochemistry. Lecture-laboratory instruction on the following: pH, buffers and solutions (gravimetric and spectrophotometric methods); purification of enzymes and other proteins by chromatographic (MEC, IEC, etc.) and electrophoretic (PAGE, SDS-PAGE, IEF) methods; enzyme kinetics ( $K_m$ , inhibition); isozymes ( $pI$ ,  $K_m$ ,  $M_r$ , densitometry); estimation of relative molecular mass of proteins by denaturing and non-denaturing methods (retardation coefficients); quantitative (graphic and statistical) analysis of experimental data; BASIC computer programming.

**Credits:** 4

**Prerequisites:**

a survey course in biochemistry.

**BIOL 449: Population Genetics Lec-Lab**

Focuses on the genetic structure of population, factors affecting gene frequency, geno-type-environment interaction, and genetic relationship in natural and artificial populations.

**Credits:** 0-4

**Prerequisites:**

BIOL 200 and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 450: Molecular Genetics Lec/Lab**

Learn transcriptional and translational regulation of gene expression, concepts of knockout and transgenic technology, RFLP and restriction mapping, and fundamental concepts of molecular aspects of genome size, concepts in bioinformatics and hands-on experience in basic recombinant DNA techniques.

**Credits:** 0-4

**Prerequisites:**

BIOL 200, 320 or CHEM 151 (Biochemistry)

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 451: Ultrastructure**

Course in electron microscopy undertaking methods of preparation of biological specimens and a study of their fine structure.

**Credits:** 4

**Prerequisites:**

BIOL 310 or equivalent.

**BIOL 452: Cell Signaling**

Study selected pathways of signal transduction as they relate to information transfer from cell surface receptors to DNA binding sites and/or response elements within the nucleus.

**Credits:** 4

**Prerequisites:**

BIOL 310 or equivalent.

**BIOL 454: Principles of Plant Pathology**

Lecture-laboratory study of the nature, etiologic agents, and host-parasite interactions associated with plant disease development.

**Credits:** 4

**Prerequisites:**

BIOL 101/102 and advanced standing.

**BIOL 455: Experimental Plant Morphogenesis**

Study of the physical and biochemical factors regulating cell, tissue, and organ differentiation in higher plants.

**Credits:** 4

**Prerequisites:**

BIOL 310 and consent.

**BIOL 457: Morphology of Lower Plants**

Intensive examination of the development, ecology, and phylogenetic relationships of the prokaryotes, fungi, algal groups, and bryophytes.

**Credits:** 4

**Prerequisites:**

BIOL 101/102 and advanced standing.

**BIOL 459: Morphology of Vascular Plants**

In-depth study of the origin, structure, ontogenetic patterns, and evolutionary relationships of vascular plants. Alternate year course.

**Credits:** 4

**Prerequisites:**

BIOL 101/102.

**BIOL 460: Molecular Physiology of Plants**

Provides comprehensive exposure to the subject of plant physiology. Gain hands-on experiences with experiments and training in instrumental skills. Focuses on water relations, photosynthesis, inorganic nutrition, metabolism of organic materials, and plant growth regulation, with emphasis on environmental factors in the physiology of plants.

**Credits:** 4

**Prerequisites:**

BIOL 344

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 462: Biotechnology Lec/Lab**

Prepares students with an in-depth understanding of modern techniques in molecular genetics so they can compete in an ever-growing biotechnology job market.

**Credits:** 0-4

**Prerequisites:**

BIOL 320 or BIOL 450

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 475: Human Evolutionary Bio Lec/Lab**

Explores all aspects of human biology and behavior from an evolutionary perspective. HEB thus provides students with the knowledge and skills they need to investigate and answer questions about how and why humans are the way we are, and why that matters for real world problems.

**Credits:** 4

**Prerequisites:**

BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 489: Honors Research**

Conception and development of an individual research project.

**Credits:** 1-3

**Prerequisites:**

Enrollment in the COAS Honors Program and consent of instructor.

**BIOL 491: Honors Research**

Facilitates Honors student engagement with the Honors research mentor and provides structure for the research process as data are generated for the Honors thesis.

**Credits:** 2

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 491/492: Honors Research**

Continuation of BIOL 489

**Credits:** 2

**Prerequisites:**

Honors only.

**BIOL 492: Honors Thesis**

Facilitates Honors student engagement with the Honors research mentor and provides structure during the final steps of the process of writing the Honors Thesis.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 493: Senior Seminar**

Engages undergraduates with senior status in discussions of current topics in biology.

**Credits:** 1

**Prerequisites:**

BIOL 200 and all core electives.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 493, 494: Senior Seminar**

Weekly seminar for undergraduates on current topics in biology.

**Credits:** 1

**Prerequisites:**

BIOL 200 and all core electives.

**BIOL 494: Senior Seminar**

Engages undergraduates with senior status in discussions of current topics in biology.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 495/496: Honors Research**

A course designed to provide students with the opportunity to plan and execute research problems which denote a level of creativity and mastery of research technology beyond that expected in standard laboratory training. Marc Honors Course.

**Credits:** 3

**BIOL 498/499: Honors Seminar**

Weekly seminar devoted to discussions of various aspects of biological research. Emphasis is placed on presentations by invited speakers and presentations of student research projects. Marc Honors Course.

**Credits:** 0

**BIOL 500: Topics Cell & Molecular Biol**

Examines contemporary issues in molecular and cellular biology.

**Credits:** 1

**Prerequisites:**

BIOL 310 or 320 and consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 501: Topics (Anat & Physiology)**

Examines contemporary issues in ecology and evolution.

**Credits:** 1

**Prerequisites:**

Jr/Sr Status

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 502: Topics (Ecology & Evolution)**

Examines contemporary issues in anatomy and physiology.

**Credits:** 1

**Prerequisites:**

Jr/Sr Status

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 701: Evolution Wrtg**

Explore Darwin's theory of evolution and its implications, evidence from various biological disciplines supporting Darwin's evolutionary theory, chemical evolution and organic evolution from the cell to modern human using a writing-intensive approach. Writing Across the Curriculum (WAC) course.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills



**BIOL 702: Parasitology Lec/Lab (WAC)**

Uses a writing-focused approach to introduce the major protozoan and helminthic pathogens of humans, their geographic distribution and the diseases they cause. Writing Across the Curriculum (WAC) course.

**Credits:** 0-4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 705: Organismal Biomech Lec/Lab**

Engage in a writing-intensive approach to explore the ways in which anatomy and physiology of organisms are shaped by the physical environment and focuses on the physical forces that act inside and outside of the body, including those involved with movement, fluid mechanics, tissue materials properties, diffusion, obtaining sensory information, and communication among cells. Writing Across the Curriculum (WAC) course.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 713: Dev. Biology Lec/Lab-(WRTG)**

Writing-intensive approach to exploring gametogenesis, fertilization, cleavage, differentiation and mechanisms controlling these processes. Laboratory includes study of living invertebrate specimens.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 720: Molecular Biology Lecture**

Uses a writing-intensive and experimental approach to explore the structure and function of prokaryotic and eukaryotic genomes and their gene products with a focus on the regulation of genetic expression. Explore the theoretical basis and application of current research techniques used in basic and applied molecular biology and genetic engineering. Writing Across the Curriculum (WAC) course.

**Credits:** 0-4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 801: Environmental Studies I**

Examine environmental issues with particular attention to impacts affecting communities at local and regional levels using an interdisciplinary approach that includes anthropological, biological, ethical, political and social perspectives.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 802: Environmental Studies II**

An interdisciplinary examination of environmental issues with particular attention to causal factors and impacts at national and global levels. Particular attention will be paid to anthropological, biological, ethical, political and social aspects.

**Credits:** 3

**MDMI 103: Microbiology w/Lab**

A systematic examination of the microbial world, with an emphasis on pathogens. Topics covered include morphology, physiology, and genetics as well as the metabolic and enzymatic reactions associated

**Credits:** 4

# CHEM - Chemistry

## COURSE DESCRIPTIONS

### **CHEM 001: General & Applied Chemistry**

Specially oriented toward students needing one semester of chemistry. Covers topics in elementary inorganic, organic, and biological chemistry.

**Credits:** 3

### **CHEM 002: General and Applied Chemistry Laboratory**

Designed to teach some of the elementary techniques of experimentation and observation as carried out in a chemical laboratory.

**Credits:** 1

### **CHEM 003: Gen Chemistry I**

Deals with the fundamental principles of chemistry, the chemical and physical properties of the elements and their most common compounds, and methods of qualitative inorganic analysis. Prerequisite: Students required to take CAR math have to satisfy that requirement before they will be able to enroll in this course.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

### **CHEM 004: Gen Chemistry II**

Lecture course that is a continuation of CHEM 003.

**Credits:** 4

#### **Prerequisites:**

CHEM 003 or consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

### **CHEM 005: Gen Chem Lab I**

Designed to teach some of the techniques of chemical experimentation, illustrate some of the principles of chemical theory, and develop some skill in the preparation and analysis of chemical substances.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

### **CHEM 006: General Chem Lab II**

Continuation of CHEM 005.

**Credits:** 1

#### **Prerequisites:**

CHEM 005

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 084: Directed Reading Soph**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Honors course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 084, 085: Directed Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Honors course.

**Credits:** 1

**CHEM 085: Directed Reading Soph**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Honors course.

**Credits:** 1

**CHEM 088: Directed Readings-Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Honors course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 088, 089: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Honors course.

**Credits:** 2

**CHEM 089: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Honors course.

**Credits:** 1

**CHEM 092: Senior Dept Honors**

Introduction to the use of chemical literature and research methods through experimental work on a research problem. Honors course.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 092, 093: Special Laboratory Projects.**

Introduction to the use of chemical literature and research methods through experimental work on a research problem. Honors course.

**Credits:** 1-6

**Prerequisites:**

CHEM 122 and CHEM 142.

**CHEM 093: Senior Dept Honors**

Introduction to the use of chemical literature and research methods through experimental work on a research problem. Honors course.

**Credits:** 1-3

**CHEM 101: Inorganic Chemistry**

Examination of molecular structure and the application of valence and other theories in the interpretation of inorganic chemical reactions.

**Credits:** 3

**Prerequisites:**

CHEM 172 or consent of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 102: Advanced Inorganic Chemistry**

Systematic treatment of inorganic chemistry in terms of molecular structure, periodic properties, and current theories of bonding.

**Credits:** 3

**Prerequisites:**

CHEM 172 or consent of instructor.

**CHEM 105: Techniques of Inorganic Chemistry**

Preparation, purification, and structural analysis of inorganic substances.

**Credits:** 2

**Prerequisites:**

CHEM 122, CHEM 142, and CHEM 172 or consent of instructor.

**CHEM 122: Analytical Chemistry**

Treats the principles and techniques of quantitative analysis, with emphasis on both wet and instrumental techniques, statistical analysis of data, homogeneous and heterogeneous equilibria, criteria for a reliable analysis, and capability and limitation of instruments for analytical application.

**Credits:** 3

**Prerequisites:**

CHEM 004.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 123: Analytical Chemistry Lab**

Presents experiments covering gravimetric, potentiometric, spectrophotometric, and chromatographic techniques.

**Credits:** 2

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 126: Instr Methods of Analysis**

Basic theory and applications of instrumental methods of analysis, including spectroscopy, electroanalytical methods, and chromatography.

**Credits:** 3

**Prerequisites:**

CHEM 122.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 127: Instr Methods of Analysis Lab**

Experimental applications of spectroscopy, electroanalytical methods, and chromatography.

**Credits:** 2

**Prerequisites:**

CHEM 122 and CHEM 123.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 131: Advanced Analytical Chemistry**

Examination of the principles and experimental aspects of analytical chemistry on an advanced level.

**Credits:** 3

**Prerequisites:**

CHEM 122.

**CHEM 132: Introduction to Environmental Chemistry**

Focuses on certain key principles of chemistry that are fundamental for understanding environmental waste problems.

**Credits:** 3

**Prerequisites:**

CHEM 006.

**CHEM 135: Techniques of Analytical Chemistry**

Treatment of basic techniques of analytical chemistry, with emphasis on the underlying theory and methods of its application to the solution of analytical problems; obtaining accurate and reliable data; evaluating sources of error; and interpreting the significance of the results and reporting them in a clear and concise manner.

**Credits:** 2

**CHEM 140: Techniques of Organic Chemistry**

Experimental studies in the isolation, purification, and structure determination of organic compounds, utilizing primarily spectroscopic methods. Six hours a week.

**Credits:** 3

**Prerequisites:**

CHEM 142 and consent of instructor.

**CHEM 141: Organic Chemistry I (Lecture)**

Lecture course analyzing the chemistry of the compounds of carbon.

**Credits:** 3

**Prerequisites:**

CHEM 004.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 142: Organic Chemistry II**

Continuation of CHEM 141.

**Credits:** 3

**Prerequisites:**

CHEM 141.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 143: Advanced Organic Chemistry**

Lecture course examining, or an advanced level, the chemistry of certain classes of compounds of carbon.

**Credits:** 3

**Prerequisites:**

CHEM 142.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 144: Physical Organic Chemistry**

Lecture course that correlates the properties of organic molecules with their structure.

**Credits:** 3

**Prerequisites:**

CHEM 142, CHEM 143, and CHEM 172.

**CHEM 145: Organic Chem Lab**

Experimental studies in the isolation, purification, and synthesis of organic compounds.

**Credits:** 3

**Prerequisites:**

Concurrent enrollment in CHEM 141 or CHEM 142.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 148: Polymer Synthesis Lecture**

Designed to introduce the principles of polymer chemistry and methods of polymer synthesis.

**Credits:** 3

**CHEM 149: Polymer Synthesis Laboratory**

Designed to introduce the techniques of polymer synthesis.

**Credits:** 1

**CHEM 151: Biochemistry I**

Analysis of the chemistry, metabolism, and enzymology of carbohydrates, proteins, fats, and other cellular constituents. May be taken jointly with CHEM 171.

**Credits:** 3

**Prerequisites:**

CHEM 142.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 152: Biochemistry II**

Continuation of CHEM 151.

**Credits:** 3

**Prerequisites:**

CHEM 151.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**CHEM 156: Biochemistry Survey**

One-semester biochemistry course covering the chemistry and metabolism of carbohydrates, lipids, nucleic acids, and proteins.

**Credits:** 3

**Prerequisites:**

CHEM 142.

**CHEM 157: Biochemistry Survey Lab**

Experimental studies in the isolation and chemical reactivity of substances of biological interest.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 167: Physical Properties of Polymers**

Course provides an understanding of the physical chemical issues involved in the processing and applications of polymers. Emphasis will be on the structural, thermal, mechanical and electro-optical properties of chain molecules.

**Credits:** 3

**Prerequisites:**

CHEM 171 or equivalent or permission of instructor.

**CHEM 168: Polymer Characterization**

Deals with the basic concepts and techniques used in the characterization of various types of polymers.

**Credits:** 3

**Prerequisites:**

CHEM 148.

**CHEM 169: Polymer Characterization Laboratory**

Experimental applications involved in the characterization of polymers.

**Credits:** 1

**Prerequisites:**

CHEM 149.

**CHEM 171: Physical Chemistry I**

An introduction to thermodynamics and its applications; quantum chemistry including atomic and molecular structure; atomic and molecular spectroscopy.

**Credits:** 3

**Prerequisites:**

CHEM 004; Physics PHYS 002; and differential and integral calculus.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 172: Physical Chemistry II**

Continuation of CHEM 171, including chemical kinetics, catalysis, and photochemistry.

**Credits:** 3

**Prerequisites:**

CHEM 171.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 173: Physical Chem Lab I**

Lecture- laboratory course that includes experimental studies in spectroscopy and molecular structure, properties of gases, and thermodynamics.

**Credits:** 2

**Prerequisites:**

CHEM 171.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 174: Physical Chemistry Lab II**

Continuation of CHEM 173.

**Credits:** 2

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 178: Advanced Physical Chemistry**

Comprehensive treatment of some classical and modern physical chemistry topics.

**Credits:** 3

**Prerequisites:**

CHEM 172.

**CHEM 179: Advanced Physical Chemistry**

Continuation of CHEM 178.

**Credits:** 3

**CHEM 180: Chem Health Sci I**

Designed for non-chemistry majors in the health sciences and related fields (nutrition, nursing, medical technology, etc.) Deals with basic concepts of General Chemistry and Organic Chemistry.

**Credits:** 0-4

**CHEM 181: Chem Health Sci Lab I**

Designed to teach some of the techniques of chemical experimentation, illustrate some of the principles of chemical theory and develop skill in the preparation and analysis of organic and biochemical substances.

**Credits:** 1

**CHEM 182: Chem Health Sci II Recitation**

Lecture course that is a continuation of CHEM 181. Deals with basic concepts of organic chemistry and Biochemistry. Prerequisite CHEM 181.

**Credits:** 0-4

**CHEM 183: Chemistry Health Sci Lab II**

Continuation of CHEM 182.

**Credits:** 1

**Prerequisites:**

CHEM 182.

**CHEM 184: Comput Methods in Chem**

Fortran programming, principles of numerical analysis, numerical solution of differential equations and problems in linear algebra, statistics, and probability.

**Credits:** 3

**Prerequisites:**

CHEM 183 or consent of instructor.



**CHEM 195: Intro to Atmospheric Chem**

General introduction to atmospheric sciences with an emphasis on the chemistry of the earth's atmosphere. General examination of the current state of knowledge regarding the photochemistry, kinetics, chemical cycling, and evolution of the earth's atmosphere.

**Credits:** 3

**Prerequisites:**

CHEM 172 or consent of the instructor.

**CHEM 196: Atmospheric Chemistry**

Advanced treatment of the current theories of chemical evolution and stability of planetary atmospheres with an emphasis on the earth's atmosphere.

**Credits:** 3

**Prerequisites:**

CHEM 172, CHEM 195, or consent of the instructor.

**CHEM 197: Planetary Atmospheres**

Continuation of CHEM 296. Treatment of the evolution chemistry, and physics of extraterrestrial and interstellar atmospheres.

**Credits:** 3

**Prerequisites:**

CHEM 297 or consent of the instructor.

**CHEM 198: Current Topics in Atmospheric Sciences**

Seminar course featuring area scientists whose field of specialty is in atmospheric or space sciences. Representative topics will be acid rain, global warming/cooling, ozone depletion, and air pollution.

**Credits:** 2

**CHEM 199: Atmospheric Radiation I**

Application of radiative transfer theory to problems in planetary atmospheres with emphasis on the earth's atmosphere. Principles of atomic and molecular spectroscopy, absorption and emission by atmospheric gases, radiation flux and flux divergence computations will be covered.

**Credits:** 3

**Prerequisites:**

Physics PHYS 178, Physics PHYS 182, differential and integral calculus.

**CHEM 745: Organic Chem Lab Writing**

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**CHEM 752: Biochemistry II (Wrtg)**

**Credits:** 3

**CHEM 990: Co-op Chemistry**

The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Chemistry

**Credits:** 1-12

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

# ECON - Economics

## COURSE DESCRIPTIONS

### **ECON 001: Principles of Economics I**

Introduction to macroeconomic analysis and its application to the American economic system. Includes such major topics as the economic role of government, the banking system, the determination and measurement of national income, economic growth, and elements of monetary and fiscal policies.

**Credits:** 3

### **ECON 002: Principles of Economics II**

Continuation of Principles I. Considers the problem of scarcity and allocation of resources in a free enterprise economy, with special emphasis on the pricing behavior of business firms and households.

**Credits:** 3

### **ECON 084/085: Directed Readings for Sophomores (HONORS)**

Sophomore Honors students undertake a course of independent study of economics under the guidance of one or more faculty advisors. Readings from textbooks, handbooks, monographs, and the scientific periodical literature are assigned in a specific area. (1 hr. each semester .)

**Credits:** 1

#### **Prerequisites:**

cumulative GPA of 3.2

### **ECON 088/089: Directed Readings for Juniors (Honors)**

Junior Honors students undertake a course of independent study of economics under the guidance of one or more faculty advisors. Readings from textbooks, handbooks, monographs, and the scientific periodical literature are assigned in a specific area. (1 hr. each semester .)

**Credits:** 1

#### **Prerequisites:**

cumulative GPA of 3.2

### **ECON 092/093: Senior Departmental (Honors)**

Senior Honors students undertake a course of independent study of economics under the guidance of one or more faculty advisors. Readings from textbooks, handbooks, monographs, and the scientific periodical literature are assigned in a specific area. (1 hr. each semester .)

**Credits:** 3

#### **Prerequisites:**

cumulative GPA of 3.2

### **ECON 095: Internship**

Opportunity for students to work closely with advisor on research opportunities

**Credits:** 3

### **ECON 132: Political Economy**

Examination of the links between economic and political processes, along with an extension of economic theory beyond its traditional boundaries in order to consider the various political processes through which economic processes are either altered or transformed.

**Credits:** 3

**ECON 170: Intermediate Microeconomic Theory**

Study of the price system in a market-oriented economy, with special emphasis given to theories relating to the consumer and firm behavior.

**Credits:** 3

**Prerequisites:**

ECON 002 and MATH 026..

**ECON 171: Intermediate Macroeconomic Theory**

Builds upon the material covered in ECON 001 and examines in greater depth the tools of macroeconomic analysis and how they may be used to analyze the interaction between such macroeconomic variables as private consumption, private investment, public spending, money supply, inflation, and unemployment.

**Credits:** 3

**Prerequisites:**

ECON 001; MATH 026.

**ECON 172: Industrial Relations**

General course in labor problems which examines the basic character of the problems involved in the determination and administration of wages. Prerequisite:ECON 002.

**Credits:** 3

**ECON 173: Collective Bargaining, Public Policy**

Deals with the development, analysis, and significance of collective bargaining; labor and employer organization and public policy toward unionism and collective bargaining.

**Credits:** 3

**ECON 174: Labor Law and Social Legislation**

Considers the matter of government intervention in industrial relations and analyzes cases relating to the following areas: criminal conspiracy and other early doctrines, subversive activities, application of the Sherman Act, the legality of economic tactics employed by labor and management, bargaining rights, wage-hour legislation, fair employment practices, and civil rights.

**Credits:** 3

**ECON 175: History of Economic Thought**

Survey of the history of economic thinking from ancient Graeco-Roman economics to the classical school, including criticism and the consequences of their influence upon the evolution of neoclassical doctrines and the development of present economic thought.

**Credits:** 3

**Prerequisites:**

ECON 001.

**ECON 177: Growth of the American Economy**

Concerns the process of economic growth from the colonial period to the present day, stressing the interrelationships of changes in various sectors.

**Credits:** 3

**Prerequisites:**

ECON 001 and ECON 002.

**ECON 180: Statistics for Business and Economics**

Examines basic statistical methods and their use for economics and business, including averages, measures of dispersion, testing hypotheses, elementary probability theory, index number, time series analysis, and simple correlation, with emphasis placed on descriptive statistics.

**Credits:** 3

**ECON 182: Mathematics for Economics**

Includes calculus, matrix algebra, and maximization problems, with applications for economics problem solving.

**Credits:** 4

**Prerequisites:**

MATH 006.

**ECON 183: Mathematical Economics**

Mathematical exposition of the basic theories of economic behavior.

**Credits:** 3

**Prerequisites:**

ECON 182 or MATH 026.

**ECON 184: Introduction to Econometrics**

Introduction to econometric theory and techniques. First part of the course deals with theory of the two-variable regression model and technical practices of its application. Extension to a three-variable model illustrated and analyzed. Special topics such as use of lagged and dummy variable, and problems such as multicollinearity, autocorrelation, and hetero-skedasticity are considered.

**Credits:** 3

**Prerequisites:**

ECON 181, ECON 183, and MATH 026.

**ECON 185: Labor Economics**

Analysis of institutions concerned with utilization of human resources; the growth, organization, and objectives of management and trade unions; and major labor issues and problems, including those connected with collective bargaining.

**Credits:** 3

**Prerequisites:**

ECON 001 and ECON 002.

**ECON 186: Economic Development in Africa**

Survey of economic issues in Africa, including an analysis of the transition to a market economy; the development of trade, industry, and agriculture; and the theory and policy of economic development and planning.

**Credits:** 3

**Prerequisites:**

ECON 194.

**ECON 187: Comparative Economic Systems**

Presents the theories, programs, and practices of the principal economic systems, with special reference to countries that are heavily dependent on market mechanisms and to countries that rely strongly upon central command.

**Credits:** 3

**Prerequisites:**

ECON 001 and ECON 002.

**ECON 188: The Economics of Black Community Development**

Economic analysis of the problem of rapid technological change under the condition of oligopolistic pricing and the effects upon the well-being of the labor force, with particular reference to the black community. Special attention is given to the problem of economic and financial reorganization of the ghetto economy, together with the problem of shifting to labor-using capital expansion to create employment and raise real income in the black-owned sector.

**Credits:** 3

**Prerequisites:**

ECON 001 and ECON 002.

**ECON 189: Industrial Organization**

Examines the organization of American industry under various states of the market, including antitrust cases.

**Credits:** 3

**Prerequisites:**

ECON 170 and ECON 171.

**ECON 190: Public Finance**

Designed to acquaint students with the role of the government (federal, state, and local) in the economy. Fundamentally aims to equip students with the prevailing theories and practices of fiscal institutions in our economy, with emphasis on their allocation, distribution, and stabilization functions.

**Credits:** 3

**Prerequisites:**

ECON 001.

**ECON 191: International Economics**

Discusses such topics as national specialization and international exchange, the significance of international trade to various countries, financial problems, economic development, and common markets.

**Credits:** 3

**Prerequisites:**

ECON 001 and ECON 002.

**ECON 192: International Commercial Policy**

Examines the problems of free trade and protectionism and their changes through history.

**Credits:** 3

**Prerequisites:**

ECON 191.

**ECON 193: The Economics of Decision Making**

Concerns decision making in a complex industrial model, the negotiated market model, and the centralized model. The following questions are considered in the different models: Who makes the decisions? For whom and toward what goals are these decisions made? What is the structure of the decision-making hierarchy? How are decisions made? What variables are manipulated in the execution of decisions?

**Credits:** 3

**Prerequisites:**

ECON 170 and ECON 171.

**ECON 194: Theory of Economic Development**

Treats the theories, models, and patterns of economic development of advanced and less developed economies and analyzes the economic and noneconomic variables that influence economic development, including some historical theories and approaches to economic development.

**Credits:** 3

**Prerequisites:**

ECON 001 and ECON 002.

**ECON 195: Money and Banking**

Introduction to the study of money, credit, interest rates, and banking, both within and outside of the FRS, with major emphasis on the structure and operations of commercial banks and activities of the FRS.

**Credits:** 3

**Prerequisites:**

ECON 001.

**ECON 196: Monetary Analysis**

Designed to acquaint the student with the principles of monetary theory and this application to the economy; examines the theory of money supply and demand and its effects on macroeconomic models.

**Credits:** 3

**Prerequisites:**

ECON 195 and ECON 171.

**ECON 197: Economic Problems of Western Europe**

Analysis of the development of the economies of Western Europe with special reference to the period following World War II.

**Credits:** 3

**Prerequisites:**

ECON 001.

**ECON 199: Introduction to Urban Economics**

Analysis of the special economic problems of urban regions, e.g., growth and development, a hierarchy within a system of urban regions, housing, transportation, urban poverty, and local public finance. Emphasis is on the economics of the spatial order within and among urban regions.

**Credits:** 3

**Prerequisites:**

ECON 001 and ECON 002.

## ENGL - English

### COURSE DESCRIPTIONS

**ENGL 002: Freshman Composition**

Designed to develop the student's ability to express ideas clearly and effectively in writing and to read with perception and accuracy.

**Credits:** 3

**ENGL 002: Freshman Composition**

Designed to develop the student's ability to express ideas clearly and effectively in writing and to read with perception and accuracy.

**Credits:** 3

**ENGL 003: Freshman Composition (Hybrid)**

Intended to increase the student's ability to write effectively, to read critically, and to present ideas logically.

**Credits:** 3

**ENGL 003: Freshman Composition**

Intended to increase the student's ability to write effectively, to read critically, and to present ideas logically.

**Credits:** 3

**ENGL 008: Writing for Research**

**Credits:** 1

**ENGL 009: Tech Writing Pre-Professional**

The course focuses on written and oral communication in technical writing. Students will be required to produce documents encountered within the workplace, especially in a global marketplace. These will include - but not be limited to - correspondence, memos, business reports, collaborative and individual proposals, formal e-mails, argumentative essays, job search strategies, visually appealing brochures, and portfolios. In addition, students will hone communication skills essential to achieving success in the competitive work environment. Prerequisite: successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies 3rd Writing Requirement of COAS

**Credits:** 3

**Prerequisites:**

**Prerequisite: successful completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher**

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ENGL 010: Tech Writing Pre-Law Students**

This course is designed to introduce the student to fundamental concepts of legal writing. Whether the career goal is to become an attorney, paralegal, journalist, or corporate executive, success will depend on the ability to think, analyze, and communicate in an effective style. This course will focus on the exercises and skills necessary to complete a first semester legal research and writing course in law school, including case citation methodology, writing memoranda, and preparing an appellate brief. Prerequisite: successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher " Satisfies 3rd Writing Requirement of COAS

**Credits:** 3

**Prerequisites:**

**Successful completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher**

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ENGL 014: Intro to Humanities I**

Introduces students to critical approaches and major texts in the global humanities. Addresses key foundational texts in the Western classical tradition (Homer, Seneca, Plato, etc.) as well as devote special critical attention to the study of seminal works in other fields. Students will learn about the fundamental goals and objectives of the global humanities, which later artists and men and women of letters (during the Renaissance period) imitated and applied the traditional classical forms, from the Greeks and Romans, to illustrate what moral values and collective ideals should define the pursuit of knowledge and human experience.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 015: Humanities II**

This course is informed by a global record of writers, artists, musicians, poets, etc. who have influenced generations. Intro to Humanities I (ENGL 014) focused on a choice of texts from world's narrative traditions (archaic Greece to modern America through those of Africa); Humanities II builds and continues this study, but through the texts of the world's dramatic traditions (drama and ritual). NOTE: Students do not need to take ENGL 014 to be able to take this course

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 054: Afro-American Lit to 1940**

Designed to introduce students to the major authors, genres, journals, themes, movements, and debates that have shaped the African American literary tradition -it examines the cultural experiences of African/African Americans who helped shape the growth of the United States from its earliest beginnings through the early 1940s. Students will become familiar with the works of the authors, poets, artists, activists, and critical analysts who made an indelible mark in this area of literature, culture, and history.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills

**ENGL 055: Afro-American Lit From 1940**

This course explores representative texts from the African American literary tradition in a mostly historical/chronological order. As a survey course, it will explore key units and ideas from the African American literary tradition after 1940 through a study of works that think about, describe, create, resist, defy, and/or break various "boundaries." Through lectures, readings, and other assignments, students will come to understand the development of African American literary production from the beginning of the 1940s to the present era.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 056: Introduction to Caribbean Lit**

This course explores literature produced by Caribbean writers"both locally and across the Caribbean's diasporas"and ideas that have shaped these writers" literary output. Critical to this exploration is a consideration of Caribbean history, development, and political/cultural identity. In addition, it pays attention to major socioeconomic and political forces that have shaped the region, including slavery, colonization, struggles for independence and migration, and examines ways in which these issues have affected Caribbean writers" literary imagination. NOTE: also satisfies a requirement in the Caribbean Studies minor

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 057: Afro-American Lit to 1940**

**Credits:** 3

**ENGL 058: Afro-American Lit from 1940**

**Credits:** 3

**ENGL 075: Composition for Honors**

Honors courses concentrating on the four areas of communication: speaking, reading, writing, and listening.

**Credits:** 3



**ENGL 075, 076: Composition for Honors**

Honors courses concentrating on the four areas of communication: speaking, reading, writing, and listening.

**Credits:** 3

**ENGL 076: Composition for Honors II**

Honors courses concentrating on the four areas of communication: speaking, reading, writing, and listening.

**Credits:** 3

**ENGL 080: General Lit Honors**

**Credits:** 3

**ENGL 084: Honors for Sophomores I**

This course provides directed reading for sophomores in the COAS Honors Program as they begin formulating ideas for the Honors Thesis. Students undertake independent reading, research and writing in preparation for the completion of an Honors Thesis. Restricted/reserved for English majors in the COAS Honors Program.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**ENGL 085: Directed Readings Soph Hnrs**

**Credits:** 1

**ENGL 088: Honors for Juniors I**

This course uses seminar, workshop, and independent study formats to assist junior English majors in the COAS Honors Program to map a senior honors thesis project. Students will complete short, weekly written assignments and engage in additional reading, discussion, and workshop activities in order to improve their research and writing skills and to hone a senior thesis prospectus. Restricted/reserved for English majors in the COAS Honors Program.

**Credits:** 1

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 092: Honors for Seniors I**

Provides guidance in completing the research for the Honors Thesis and working toward a first draft. Comparable to Senior Thesis \* Prerequisite: in good standing in COAS Honors Program. Restricted/reserved for English majors in the COAS Honors Program

**Credits:** 3

**Prerequisites:**

Good standing in COAS Honors Program.

**ENGL 101: Survey of British Lit I**

**Credits:** 3

**ENGL 102: Survey of British Lit II**

**Credits:** 3

**ENGL 103: Survey of U S Literature**

**Credits:** 3

### **ENGL 104: Sophomore Sem I**

Introduces English majors and minors to methodologies of close reading that reveal the rich complexity of literary texts and provide an appreciation of the way those texts signify in relation to their aesthetic, social, and historical contexts. Upon completion of the course, successful students will be in possession of the critical vocabulary, the basic reading and writing skills, and the knowledge of information technologies and library resources essential to an English major or minor. Required for English majors and minors. Prerequisite: successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher \*This course must be taken in residence; no transfer credit will be accepted for this course. Restricted/Reserved to English Majors or Minors

**Credits:** 3

**Prerequisites:**

**Successful completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher**

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

### **ENGL 105: Sophomore Seminar II**

The second part of the required two-semester introductory sequence for English majors and minors, this course is designed to give students guided opportunities to acquire effective methods of writing literary analyses informed by current critical theory, including African-American critical strategies and intellectual discourses. This course must be taken in residence; no transfer credit will be accepted for this course.

**Credits:** 3

**Prerequisites:**

ENGL 104 with grade of "C" or higher.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

### **ENGL 107: Intro to Women's Studies**

**Credits:** 3

### **ENGL 108: Women in (Caribbean) Lit**

**Credits:** 3

### **ENGL 110: Linguistics Foundation**

Provides foundational knowledge of the principles and methods of language analysis. By the end of this course, successful students will be able to apply this knowledge to the study of human language in general and English in particular and to demonstrate a metalinguistic awareness as it relates to registers and styles and an awareness of the differences between oral and written language and standard and non-standard dialects and grammars. Required for English majors. Prerequisite. ENGL 104 with "C" or higher or concurrent enrollment in ENGL 104. Restricted/Reserved for English Majors or Minors

**Credits:** 3

**Prerequisites:**

ENGL 104 with "C" or higher or concurrent enrollment in ENGL 104.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 111: Af-Am Foundation**

Provides a context for understanding African American literary production and critical theory by examining representative African American literary discourses from the colonial period to the present; includes consideration of the contribution of the African American folk tradition to the creative process. Upon completion of this course, successful students will have a foundational knowledge of the deep roots and rich diversity of the literary African American tradition and be able to write about it with clarity, accuracy, and insight. Required for English majors. Prerequisite: ENGL 104 with "C" or higher or concurrent enrollment in ENGL 104. Restricted/Reserved for English Majors or Minors

**Credits:** 3

**Prerequisites:**

**ENGL-104 with "C" or higher or concurrent enrollment in ENGL-104.**

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 112: American Lit Foundation**

Introduces students to the major texts, genres, periods, authors and ideas that make up the literature of what becomes the United States, from its origins to the present. Successful students will leave this course with an appreciation of the continuities and discontinuities of the multi-cultural literary traditions in American writing and an ability to write about it in a clear and informed way. Required for English majors. Prerequisite: ENGL 104 with "C" or higher or concurrent enrollment in ENGL 104. Restricted/Reserved for English Majors or Minors.

**Credits:** 3

**Prerequisites:**

ENGL-104 with "C" or higher or concurrent enrollment in ENGL-104

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 113: British Foundation**

Introduces students to texts exemplary of key moments, movements, and discourses marking the development of the British literary tradition from the medieval era to the modern age, with emphasis on the cultural dynamics and literary modes affecting the literary production of British writers from various cultures who use English to express themselves. Successful students will leave this course with foundational knowledge of texts, authors, and cultural interactions whose significance endures to the present as well as with an ability to write effective, informed literary analyses. Required for English majors. Prerequisite: ENGL 104 with "C" or higher or concurrent enrollment in ENGL 104. Restricted/Reserved for English Majors or Minors

**Credits:** 3

**Prerequisites:**

ENGL-104 with "C" or higher or concurrent enrollment in ENGL-104

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

### **ENGL 114: College Grammar**

An advanced comprehensive examination of English grammar from traditional, structural, and generative perspectives. By the end of the course, successful students will possess the vocabulary necessary to analyze grammatical functions, be able to do detailed analysis of word classes, phrases, and sentences using a variety of strategies, precisely identify and correct usage problems, and appreciate the rhetorical effects of various language structures. Highly recommended for English Majors and Minors. Prerequisites: ENGL 104 with "C" or higher. Restricted/Reserved for English Majors or Minors" Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL-104 with "C" or higher

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

### **ENGL 117: Intro Creative Writing Fiction**

Examines the art and craft of fiction writing, explored from the perspective of both writer and reader. Students will study the elements of successful fiction writing aided by texts about craft as well as published stories and excerpts provided by the instructor and stories created by classmates. Through these examples, they will analyze fiction's architectural details " including voice, imagery, character, plot, dialogue, narrative, metaphor, description, resolution, etc. Prerequisite: Completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies a requirement for English Majors with Creative Writing concentration; Satisfies an English Major/Minor elective (Note: course does not fulfill a Division A or 3rd Writing Requirement of COAS)

**Credits:** 3

**Prerequisites:**

Completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **ENGL 118: Intro: Creating Wrtg Poetry**

In this class students will produce poetry in various forms. Students will engage in an intense environment with an emphasis on reading, writing, performance and collaboration. Projects may include of a mock anthology of other people's poetry and a portfolio of individual, original work. Various texts will be used to expose students to a rich body of work by contemporary poets. Students will be expected to read and respond to the texts through critical analysis or creative production. This class does have a performance aspect to it, so students should be prepared to share original readings individually, as well as participate in a group project.

Prerequisite: Completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies a requirement for English Majors with Creative Writing concentration; Satisfies an English Major/Minor elective (Note: course does not fulfill a Division A or 3rd Writing Requirement of COAS)

**Credits:** 3

**Prerequisites:**

Completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ENGL 119: Intro: Creative Wrtg Non Fict**

Students will learn the fundamentals of non-fiction writing and crafting a successful personal essay by learning and applying the techniques for self-critique and revisions: will understand the importance of and mechanics for creating realistic characters, captivating details, powerful images, believable dialogue, and, learn to apply formulas using their own lives as the foundation for non-fiction writing. Prerequisite: Completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies a requirement for English Majors with Creative Writing concentration; Satisfies an English Major/Minor elective (Note: course does not fulfill a Division A or 3rd Writing Requirement of COAS)

**Credits:** 3

**Prerequisites:**

Completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ENGL 125: Literary Criticism**

**Credits:** 3

**ENGL 127: Creative Writing Fiction**

Focuses on the techniques required in the writing of fiction. English Majors and Minors. Fulfills a requirement for English Majors with Creative Writing concentration Prerequisite: ENGL 117 (Intro to Creative Writing Fiction) with "C" or higher. Satisfies a requirement for English Majors with Creative Writing concentration; Satisfies an English Major/Minor elective (Note: course does not fulfill a Division A or 3rd Writing Requirement of COAS)

**Credits:** 3

**Prerequisites:**

ENGL 117 (Intro to Creative Writing Fiction) with "C" or higher

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ENGL 128: Creative Writing Poetry**

Focuses on the techniques required in writing poems in various sub-genres. English Majors and Minors. Required for English Majors with Creative Writing concentration Prerequisite: ENGL 118 (Intro to Creative Writing Poetry) with "C" or higher. Satisfies a requirement for English Majors with Creative Writing concentration; Satisfies an English Major/Minor elective (Note: course does not fulfill a Division A or 3rd Writing Requirement of COAS)

**Credits:** 3

**Prerequisites:**

ENGL-118 (Intro to Creative Writing Poetry) with "C" or higher.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ENGL 129: The Art of the Essay**

Addresses the theory and practice of expository writing by reading exemplary texts and practicing a variety of organizational strategies. Sections may focus on different specified discourses (Ethnography, Political Rhetoric, Current Events, Cinema, Short Fiction, Poetry). Upon completion of the course, successful students will be able to write engaging essays characterized by stylistic expressiveness and grammatical precision. Prerequisite: successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher " Satisfies 3rd Writing Requirement of COAS

**Credits:** 3

**Prerequisites:**

**Successful completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher ...**

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**ENGL 130: Rhetoric, Theory and Practice**

Uses critical analysis of exemplary argumentative writing as well as classical and modern rhetorical theories to teach strategies for writing argumentative or persuasive essays, specifically including those requiring researched evidence. Successful students will be able to deploy a variety of rhetorical strategies to write convincing essays characterized by stylistic finesse and thoughtful, well-researched development. ENGL 114 is strongly recommended. Prerequisite: ENGL 104 with grade of "C" or higher. Restricted/Reserved for English Majors or Minors"Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL-104 with grade of "C" or higher.

**ENGL 140: Crosscult-Drama**

A cross-cultural genre course. Focuses on understanding the essential features of drama both ancient and modern from a variety of cultures, which may include European, American, African, African American. The successful student will acquire the vocabulary necessary to analyze drama critically, an understanding of the particular meaning drama creates through performance or imagined performance, and the ability to write about it effectively and insightfully. Prerequisite: ENGL 104 with grade of "C" or higher. Restricted/Reserved for English Majors or Minors"Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL-104 with grade of "C" or higher.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 141: Poetry Across Cultures**

A cross-cultural genre course. From the ritual chants to the epic, from the African praise song to the sonnet, this course focuses on the choices of style and genre that offer specific creative and interpretative possibilities to the poet. Upon completing this course, the successful student understands the essential nature of poetry, the conventions governing a variety of verse forms, as well as the vocabulary necessary to write about poetry with precision and critical acumen. Prerequisite: ENGL 104 with grade of "C" or higher. Restricted/Reserved for English Majors or Minors"Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL-104 with grade of "C" or higher.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 142: Fiction Across Cultures**

A cross-cultural genre course. The course will sample the prose fiction of a wide variety of authors—for example, Aesop, Charles Dickens, Ralph Ellison, Christina Garcia, Chinua Achebe, Toni Morrison—in order to arrive at an essential understanding of the genre and a selection of sub-genres (for example, fable, short story, novel, novella). During this course, the successful student becomes aware of narrative strategies, the conventions governing specific forms (gothic, science fiction, mystery, adventure, romance), as well as the vocabulary to write about prose fiction in a critically illuminating way. Prerequisite: ENGL 104 with grade of "C" or higher. Restricted/Reserved for English Majors or Minors" Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL-104 with grade of "C" or higher.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 164: Major Amer Author**

**Credits:** 3

**ENGL 165: African-American Author**

**Credits:** 3

**ENGL 167: Shakespeare**

**Credits:** 3

**ENGL 174: Afro-American Poetry**

**Credits:** 3

**ENGL 180: Third World Lit. Myth and Archetype**

The class will cover how different researchers explain the cause of the recurrence of certain patterns imaginary (myths, archetypes) in the literature and how to analyze them. We will look at the study of the "classics" archetypal criticism and mythcriticism.

**Credits:** 3

**ENGL 190: British Fiction**

**Credits:** 3

**ENGL 201: Major American Author**

An advanced course that provides an intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts; requires a research paper of substantial length (15 page minimum). One major author course is required for English majors; at least one major author will be offered each semester. Successful students will achieve a complex understanding of the canon of one important writer and be able to produce a sophisticated piece of researched literary analysis that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, ENGL 112, or ENGL 113) relevant to the particular author is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the major author requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 202: Major Author:Shakespeare**

An advanced course that provides an intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts; requires a research paper of substantial length (15 page minimum). One major author course is required for English majors; at least one major author will be offered each semester. Successful students will achieve a complex understanding of the canon of one important writer and be able to produce a sophisticated piece of researched literary analysis that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, ENGL 112, or ENGL 113) relevant to the particular author is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the major author requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 203: Featured Authors**

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 204: Af Am Author**

An advanced course that provides an intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts; requires a research paper of substantial length (15 page minimum). One major author course is required for English majors; at least one major author will be offered each semester. Successful students will achieve a complex understanding of the canon of one important writer and be able to produce a sophisticated piece of researched literary analysis that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, ENGL 112, or ENGL 113) relevant to the particular author is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the major author requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills



### **ENGL 205: Major Authors**

An advanced course that provides an intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts; requires a research paper of substantial length (15 page minimum). One major author course is required for English majors; at least one major author will be offered each semester. Successful students will achieve a complex understanding of the canon of one important writer and be able to produce a sophisticated piece of researched literary analysis that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, ENGL 112, or ENGL 113) relevant to the particular author is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the major author requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 206: Major Author**

An advanced course that provides an intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts; requires a research paper of substantial length (15 page minimum). One major author course is required for English majors; at least one major author will be offered each semester. Successful students will achieve a complex understanding of the canon of one important writer and be able to produce a sophisticated piece of researched literary analysis that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, ENGL 112, or ENGL 113) relevant to the particular author is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the major author requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 208: Major Author: Faulkner**

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 209: British Author**

An advanced course that provides an intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts; requires a research paper of substantial length (15 page minimum). One major author course is required for English majors; at least one major author will be offered each semester. Successful students will achieve a complex understanding of the canon of one important writer and be able to produce a sophisticated piece of researched literary analysis that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, ENGL 112, or ENGL 113) relevant to the particular author is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the major author requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 210: Early African-Am Lit (Online)**

An advanced course that examines African American literature from its earliest beginnings to the texts of the first decades of the twentieth century. ENGL 111 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the period/cross-cultural genre requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 211: Af Am Realism, Naturalism, Mod**

An advanced course that examines African American literature from the Harlem Renaissance to the 1960s, including but not limited to texts written by authors of the Harlem Renaissance, as well as Hayden, Brooks (early), Petry, Ellison, Wright, Baldwin, and Hansberry. ENGL 111 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors Satisfies the period/cross-cultural genre requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 212: Afro-Amer Lit Blk Arts to Pres**

An advanced course that examines African American literature from the Black Arts Movement of the late 1960s to contemporary writing. ENGL 111 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors Satisfies the period/cross-cultural genre requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 213: African-American Drama**

An advanced course that surveys the development of African American drama. ENGL 111 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

NGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 214: African-American Poetry**

An advanced course that analyzes the poetry and poetics of major African American writers. ENGL 111 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors " Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

NGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills

**ENGL 215: African-American Fiction**

Analysis of the prose fiction genre as practiced by African American writers. ENGL 111 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 216: Folklore of the African Diaspora**

Examines oral traditions of the African Diaspora with attention to cultural and historical contexts. ENGL-111 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors ... Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 217: African Literature**

A selective survey of the literature of continental Africa, from ancient oral epics, tales, and poems to the postcolonial prose fiction, drama, and poetry of the past four decades. Readings will include works by authors such as Leopold Senghor, Amos Tutuola, Chinua Achebe, Wole Soyinka, Ngugi wa Thiong'o, Okot p'Bitek, Mariama Ba, Buchi Emecheta and Alex LaGuma. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105 " Restricted/Reserved for English Majors or Minors" Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 218: Ethnic American Literature**

This course introduces students to ethnic American literature, music and film, focusing on U.S. Latinx, Asian American and African American cultures. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 225: Modern Caribbean Lit**

Introduction to the literature of the Caribbean people, and its historical, cultural, and social contexts. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors or students in the Interdisciplinary Caribbean Studies Minor " Satisfies an English Major/Minor elective; satisfies a requirement in the Interdisciplinary Caribbean Studies minor

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 226: Caribbean Author**

An advanced course that examines the writings and cultural contexts of a single Caribbean author in depth. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors or students in the Interdisciplinary Caribbean Studies minor. " Satisfies the major author requirement for English majors; Satisfies an English Major/Minor elective; Fulfills an elective for the Interdisciplinary Caribbean Studies minor.

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**ENGL 227: Caribbean Genre**

An advanced course that looks at one of the genres used by Caribbean authors, such as prose fiction, poetry, drama, autobiography, or hybrid modes based in folk form and orality. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors and students in the Interdisciplinary Caribbean Studies minor. " Satisfies an English Major/Minor elective; Fulfills an elective for the Interdisciplinary Caribbean Studies minor.

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 228: Language in the Caribbean**

Introduces students to the complex language formations in the Caribbean, by examining the origin, development and structures of Caribbean creoles, their relationship to European and African languages, and their social, cultural, and political contexts. ENGL-114 or ENGL-110 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors ...Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 230: Early American Writings to Romanticism**

An intensive examination of writing in America from the time of European colonization to the early days of independent nationhood as the United States. By closely examining the literary production of colonizers, indigenous people, clerics, promoters, zealots, and "others," successful students will achieve an understanding of the hybrid nature of American literature as well as specific knowledge of important canonical and non-canonical texts. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors ... Satisfies period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105

**ENGL 231: American Realism & Naturalism**

Examines the efforts of both Black and White writers in the late nineteenth century to form a literature expressive of the "New America" resulting from the revolutionary changes brought about by Emancipation, Reconstruction, industrialization, immigration, and urbanization. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 232: Twentieth and Early Twenty-first Century American Literature**

Addresses the impact of wars, economic depression, racial conflict, changing gender definitions, views of religion, and other historical shifts that produced the distinctive writings of such authors as Faulkner, Hemingway, McCullers, Steinbeck, Welty, O'Connor, Ellison, Baldwin, Morrison, and others. ENGL-112 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105... Restricted/Reserved for English Majors or Minors... Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 233: American Genre**

A specialized course that can either be a survey of a broad genre, like poetry or drama, or an examination of a particular sub-genre, such as detective fiction, captivity narrative, Theater of the Absurd, the Western epic, poems of Native Americans, etc. ENGL 112 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 234: American Poetry**

A specialized course that can either be a survey of a broad genre, like poetry or drama, or an examination of a particular sub-genre, such as detective fiction, captivity narrative, Theater of the Absurd, the Western epic, poems of Native Americans, etc. ENGL 112 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 235: Genres in American Literature**

A specialized course that can either be a survey of a broad genre, like poetry or drama, or an examination of a particular sub-genre, such as detective fiction, captivity narrative, Theater of the Absurd, the Western epic, poems of Native Americans, etc. ENGL-112 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 239: American Drama**

**Credits:** 3

**ENGL 241: Early Modern British Literature**

Examines the cultural-literary developments from the Medieval Period to the advent of printing, continuing through the English Civil War in the mid-seventeenth century. Includes writers such as Margery Kempe, Geoffrey Chaucer, Queen Elizabeth, Christopher Marlowe, and William Shakespeare. Religious controversy, early feminist discourse, theories of government, and the impact of imperialism are themes that may be treated. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105... Restricted/Reserved for English Majors or Minors ... Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 242: Age of Rev Brit Lit 1660-1800**

Focuses on the changes British literature resulting from the emergence of a print culture in England that empowered new categories of writers (middle class citizens, women and Africans) and promoted for new literary genres (novel, periodical essay, biography, and autobiography). ENGL 113 strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors ONLY "Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 243: British Romantic Sensibilities**

Study of major issues and debates in English life and culture reflected in the literature of the first half of the nineteenth century. English 113 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors" Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 244: Victorian Life and Literature**

Study of major discourses and their participants in British literature from 1832 to 1901. ENGL 113 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors...Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 245: Modern and Post Col Brit Lit**

Study of major writers and significant trends in British writing from 1901 to the present, with special emphasis on writing by Black Britons. ENGL 113 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors "Satisfies the period/cross-cultural genre course requirement for English majors; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 246: Genres in British Lit: Drama**

May focus on historical surveys of the development of broad genres, like drama or prose fiction, or may focus on specialized topics such as The Jacobean Revenge Play, The Post-Colonial Novel, Abolitionist Poetry, or Afro-British Playwrights. ENGL 113 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors "Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 247: Genres in British Literature; Drama**

May focus on historical surveys of the development of broad genres, like drama or prose fiction, or may focus on specialized topics such as The Jacobean Revenge Play, The Post-Colonial Novel, Abolitionist Poetry, or Afro-British Playwrights. ENGL-113 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105... Restricted/Reserved for English Majors or Minors. Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.



**ENGL 248: Gen in Brit Lit:Contemp Irish**

May focus on historical surveys of the development of broad genres, like drama or prose fiction, or may focus on specialized topics such as The Jacobean Revenge Play, The Post-Colonial Novel, Abolitionist Poetry, or Afro-British Playwrights. ENGL 113 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105" Restricted/Reserved for English Majors or Minors "Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 250: Comparative Literature**

Introduction to the history, theory, and practice of comparative literature, with attention to such topics as literary movements, genre formation, constructions of gender, interdisciplinary relations. Focusing on major texts, the course develops abilities to do comparative analysis. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Restricted/Reserved for English Majors or Minors " Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #5: Social Responsibility and Knowledge of Political Institutions

**ENGL 261: Topics in Linguistics**

The course explores various topics in linguistics, such as American English Dialects, African American Vernacular English, Forensic Linguistics, Narrative Analysis, Language and Social Media ENGL 110 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105" Restricted/Reserved for English Majors or Minors "Satisfies an English Major/Minor elective

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 261-263: Topics in Linguistics**

The course explores various topics in linguistics, such as American English Dialects, African American Vernacular English, Forensic Linguistics, Narrative Analysis, Language and Social Media ENGL-110 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105... Restricted/Reserved for English Majors or Minors ...Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 262: Topics in Linguistics**

The course explores various topics in linguistics, such as American English Dialects, African American Vernacular English, Forensic Linguistics, Narrative Analysis, Language and Social Media ENGL 110 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105" Restricted/Reserved for English Majors or Minors "Satisfies an English Major/Minor elective

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 263: Topics in Linguistics**

The course explores various topics in linguistics, such as American English Dialects, African American Vernacular English, Forensic Linguistics, Narrative Analysis, Language and Social Media ENGL 110 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105" Restricted/Reserved for English Majors or Minors "Satisfies an English Major/Minor elective

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 271: Topics in Literary Criticism**

The course explores various topics in linguistics, such as American English Dialects, African American Vernacular English, Forensic Linguistics, Narrative Analysis, Language and Social Media ENGL 110 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105" Restricted/Reserved for English Majors or Minors "Satisfies an English Major/Minor elective

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**ENGL 271-273: Topics in Literary Criticism**

The course explores various topics in linguistics, such as American English Dialects, African American Vernacular English, Forensic Linguistics, Narrative Analysis, Language and Social Media ENGL-110 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105... Restricted/Reserved for English Majors or Minors ...Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**ENGL 280: Tps in Lit &Wtg: Mjr. Blk Auth**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 280-289: Topics in Literature and Writing**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Prerequisites:**

Successful completion of First Year Writing Sequence (ENGW courses) with grade of <C> or higher.

**ENGL 282: Topics in Lit and Writing**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 283: Topics in Lit and Writing**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 284: Topics in Lit and Writing**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 285: Topics in Literature & Writing**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 286: Intro to Black LGBTQ Studies**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 288: Intro to Black LGBTQ Studies**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like Invisible Man, Paradise Lost, Gulliver's Travels, or Their Eyes were Watching God. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 289: Topics in Lit and Writing**

Some of the possibilities for special literary topics include "Women Writers," "The Bible as Literature," "The Blues and Literature"; interdisciplinary studies linking music or art with literature; or an intensive study of one major text like *Invisible Man*, *Paradise Lost*, *Gulliver's Travels*, or *Their Eyes were Watching God*. Possibilities for special topics in writing might include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research. Prerequisite is the successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective (Note: these courses do not satisfy a Division A or 3rd Writing Requirement of COAS

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 290: Principles of Editing**

An advanced writing course. Teaches students to edit writing produced by themselves or others by employing strategies from linguistics, rhetoric, and literature; introduces students to professional proofreading symbols. By the end of the term, successful students will be able to identify ineffective strategies or styles and know how to correct them. ENGL 110 or ENGL 114 is strongly recommended. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105 Restricted/Reserved for English Majors or Minors " Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 291: Writing Critical Reviews**

An advanced writing course that considers the critical review as a genre. Develops the skills necessary to write reviews of contemporary literary, film, or dramatic performances; emphasizes critical writing and artistic appreciation and evaluation; includes exemplary and theoretical readings. Attendance at performances may be required. Prerequisite: ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105"Restricted/Reserved for English Majors or Minors "Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

ENGL 104 and 105 (with grade of "C" or higher), or ENGL 104 with <C> or higher WITH concurrent enrollment in ENGL 105.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 293: Teaching of English**

Students will be exposed to theoretical studies and practical application of a variety of approaches to the teaching of genre, writing, grammar, and language history at the secondary level. Course activities reflect the current emphasis on the use of technology in the classroom as well as on the role of the teacher as researcher. Requirements include the preparation of lesson plans, visits to classes in designated local secondary schools, and culminating written projects. Designed for juniors and seniors who will be student teaching. Prerequisites: Students must have completed at least 90 credits of course work (having passed first-year writing courses with a grade of C or better) Restricted/ Reserved for English Majors or Minors "

**Credits:** 3

**Prerequisites:**

Prerequisites: Students must have completed at least 90 credits of course work (having passed first-year writing courses with a grade of C or better)

### **ENGL 295: Creative Writing Workshop**

An advanced course that develops the student's creative writing abilities in a workshop setting. Portfolio submission required. Prerequisite: Completion of ENGL 127 with or higher. Required for English Majors with Creative Writing concentration; Satisfies an English Major/Minor elective

**Credits:** 3

**Prerequisites:**

Completion of ENGL 127 with <C> or higher.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **ENGL 296: Senior Thesis**

Provides an opportunity for independent research; offers experience in writing a lengthy researched essay on a literary topic or creative work. Satisfies an English major/minor requirement \*Note: English majors in the COAS Honors Program may substitute ENGL 296 for ENGL 092 (Directed Honors for Seniors) with approval from the Program Director.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **ENGL 297: Internship Practicum-ENGLISH**

Provides guidance and evaluation for students working in internships. Students will reflect on their work experiences in consultation with a faculty advisor. This course is asks students to reflect on their work experiences and to develop a professional plan for their future careers. This course requires students to keep an active work log of at least 6 entries detailing their work experiences, and it requires a final reflection essay that addresses the internship's significance to the students' professional aspirations. Prerequisites: Students must have completed at least 90 credits of course work (having passed first-year writing courses with a grade of C or better) and must have secured an internship.

**Credits:** 3

**Prerequisites:**

Students must have completed at least 90 credits of course work (having passed first-year writing courses with a grade of C or better) and must have secured an internship.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **ENGL 298: Creative Writing Thesis**

The course is the culmination of a student's Concentration in Creative Writing. The students will produce a complete manuscript of their creative work: approximately 50 pages of either poetry, fiction, creative non-fiction, or a hybrid mixed genre manuscript (inclusive of the prerequisite pages). Prerequisite: ENGL 295 and a portfolio of original creative work (25 pages). Required for English majors with the Creative Writing concentration IMPORTANT NOTE: English majors declaring the Creative Writing concentration prior to Fall 2021, may substitute ENGL 296 (Senior Thesis) for ENGL 298, to satisfy this requirement

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 991: Co-op English**

**Credits:** 1

### **ENGW 103: Persuasive Writing & Research**

The second course of the two-semester required writing course requirement for First-Year Writing. This course builds on the study of rhetoric begun in ENGW 101 or 102, and introduces students to argumentation and persuasive writing techniques, in addition to the conventions of academic research. English Writing 103 stresses the examination of counter-arguments, the exploration of primary and secondary sources, and familiarity with academic style conventions. Students will be expected to engage in discussion of contemporary issues through class discussion and their writing. Prerequisite: Successful completion of ENGW 101 or 102 with a grade of C or higher. Note: Successful completion of this First Year Writing course requires a grade of C or higher.

**Credits:** 3

## **HIST - History**

## **COURSE DESCRIPTIONS**

### **HIST 001: Intro to Study of Civ II**

Examine various civilizations, their institutions and social processes. Open to freshmen. Divisional Studies B.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **HIST 002: Intro to Civ. II**

Continuation of HIST 001.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 003: Intro to History**

Introduces the beginning student to the methods, skills, and challenges involved in the study of history. Mandatory for history majors and minors.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 005: Intro Black Diaspora I**

Surveys people of African descent living outside of Africa and compares their cultural, economic, political and social experiences up to the ending of slavery in the Americas during the 19th century.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 006: Intro to Black Diaspora II**

Continuation of HIST 005 from the late 19th century to the present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 009: U S History to 1877**

Principal political, economic, social, and cultural developments in U.S. history from the American Revolution to the end of Reconstruction. Divisional Studies C.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 010: US Hist Since 1877**

Continuation of HIST 009. Divisional Studies C.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 011: Blacks in Latin America**

Culture, history, politics, and identity of African Americans in Spanish and Lusophone Caribbean, South America, and Central America. Explores issues of identity in context of Afro/Latino migration to U.S.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 012: Public History, Memory, and Heritage of Slavery**

Course provides an in-depth study and analysis of the institution of slavery as it developed in the United States. Particular focus will be placed on the institution from the perspective of the slaves themselves. Topics include the Atlantic Slave Trade, Origins of Slavery, Colonial Slave Systems, Proslavery Defense, Abolitionism, Slave Culture, Resistance, and Emancipation.

**Credits:** 3



**HIST 013: Amer Military Exper to 1865**

Examines American military development from its infancy through the end of the Civil War.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 014: Amer Military Exper Since 1865**

Examines American military's history since 1865.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 015: Coll About Decent in Eur & Ame**

Explores the abolitionist movement and dissent in America and England and its impact on slavery and the slave trade.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 016: Colloq. women in the Diasporq.**

Examines the experiences of women of color in the African diaspora

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 017: Slaverly and Law**

Explores the interaction of law, race, and slavery in America, emphasis on the U.S. South.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 030: Intro African History I**

The origins and development of African societies from the earliest times to about 1800.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 031: Intro to African History II**

Continuation of HIST 030 to the present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 032: Colloquium in Eur. History**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 034: Colloquium:19 Century US Hist**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 035: Coll-20th Century U.S. History**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 036: Colloquium in US Foreign Policy**

Instructor-guided instruction focused on the course topic. Students are required to complete a significant research paper or project.

**Credits:** 3

**HIST 037: Colloq. Public History**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 040: Intro Latin Amer & Carib**

Addresses key historical issues in Latin American and Caribbean history from Columbus to the present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 041: Int Hist Lat Am Carib- Online**

A continuation of HIST 040.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 042: Colloquium on Comparative Slavery**

Instructor-guided instruction focused on the course topic. Students are required to complete a significant research paper or project.

**Credits:** 3

**HIST 043: Coll: Music, Resist & Blk Dias**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 044: Coll on the African Diaspora**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 047: Colloquium on the History of Brazil**

Instructor-guided instruction focused on the course topic. Students are required to complete a significant research paper or project.

**Credits:** 3

**HIST 048: Coll on African History**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 050: Intro to European History I**

European history from the close of the Napoleonic Wars to the turn of the nineteenth century. Particular attention will be paid to the major powers.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 051: Introduction to European History II**

European history from the turn of the century through the two world wars. Particular attention will be paid to the major powers in this period when Europe declined from its preeminent position.

**Credits:** 3

**HIST 055: Intro to England**

Looks at the history of England

**Credits:** 3

**HIST 056: Topics in European History**

Specialized approaches to history per the course title. Topics will vary.

**Credits:** 3

**HIST 060: Intro-East Asian Civ**

Looks at the history of East Asia

**Credits:** 3

**HIST 070: Afro-American Film & Archives**

Examines the history and theory of African American filmmaking. Focuses primarily on black directors and producers independent and commercial contexts as they confront representations of U.S. blackness in their own cinematic practice.

**Credits:** 3

**HIST 071: Afro-American Film**

Specialized approach to history through film.

**Credits:** 3

**HIST 071, 074, 075, 076: Topics in History**

Specialized approaches to history per the course title. Topics will vary.

**Credits:** 3

**HIST 072: Topics:Africans in Latin Am**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**HIST 073: Topics: 20th Century West Indies**

Specialized approaches to history per the course title. Topics will vary.

**Credits:** 3

**HIST 077: Topics inContemporary History**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**HIST 078: Top: A-A & Indian Wmn Hist**

Explores Native American and African American womens history.

**Credits:** 3

**HIST 080: Topics: Slavery in Africa**

Looks at the institution of slavery in Africa.

**Credits:** 3

**HIST 081: Intro Historiography**

Introduces historical theory, methodology and practice.

**Credits:** 3

**HIST 082: Senior Colloquium**

Major field examination of the variety of issues central to the discipline of history. (Required of all history majors.)

**Credits:** 1

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 084: Dir Rdg for Soph (Honors)**

Intense readings of representative works in major fields of history.

**Credits:** 1

**HIST 085: Dir Rdg for Soph (Honors)**

Supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**HIST 088: Directed Readings for Jrs**

Intensive readings of material in the major fields of history.

**Credits:** 1

**HIST 089: Directed Rdg for Jrs (Honors)**

Continuation of HIST 088.

**Credits:** 1

**HIST 090: History Profession**

**Credits:** 3

**HIST 092: Senior Departmental Honors**

major research paper drawn from intensive readings on a specific problem or issue.

**Credits:** 3

**HIST 093: Senior Departmental Honors**

Continuation of HIST 092

**Credits:** 3

**HIST 094: Problems in History**

Examines challenges in historical interpretation

**Credits:** 3

**HIST 096: Internship in Public Hist**

Supervised participation in an office or agency concerned with the development of public history. Designed for students preparing for careers in public history.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 097: Internship in History**

Intensive career-oriented work experience related to the student's academic studies, professional and educational goals., supervised by a qualified professional.

**Credits:** 3

**HIST 101: World Geography**

Provides a background to other intensive studies of the earth's regions, climate, soils, vegetation, population, and economic and political factors.

**Credits:** 3

**HIST 102: Economic Geography**

Analyzes the distribution of the world's economic activities, centers of primary production; and the geographic factors of transportation, trade, industry, and commerce.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 103: Historical Geography of North America**

This course is designed to introduce the student to the history of North America from a geographic perspective.

**Credits:** 3

**HIST 104: Historical Geography of Europe**

This course is designed to introduce the student to the history of Europe from a geographic perspective.

**Credits:** 3

**HIST 105: Political Geography**

Overview of the field of political geography introducing key concepts and the development of this subdiscipline.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 106: Environmental Conservation**

Explores the development of environmental conversation

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 107: Geography of Black Diaspora**

Examines major challenges faced by urban areas around the world over time and the potential impact these challenges will have on their sustainability.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 108: Sustainable Cities**

Examines Supreme Court Decisions within the historical context of race and civil rights in the United States.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 109: United States Constitutional History to 1865**

Examination of the origins and development of the federal Constitution within the framework of American political, social, economic, and intellectual developments.

**Credits:** 3

**HIST 110: United States Constitutional History Since 1865**

Study of the evolution and interpretation of the Constitution as influenced by political, social, economic, and intellectual developments since the Civil War.

**Credits:** 3

**HIST 111: U S Foreign Relations to 1914**

Explores the patterns and principles of American foreign relations influenced by both domestic and international developments.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 112: U S Foreign Relat Since 1914**

Socioeconomic, political, and social values underlying the role of the United States as a world power

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 114: U.S. Foreign Relations**

Socioeconomic, political, and social values underlying the role of the United States as a world power

**Credits:** 3

**HIST 119: History of the United States South to 1877**

Depicts the emergence of the South as a distinctive region with special economic, political, and social interests.

**Credits:** 3

**HIST 120: History of the United States South Since 1877**

Explores the economic, social, and political aspects of the South and its relation to the nation after the Civil War.

**Credits:** 3

**HIST 121: Hist. of Colonial America**

Factors and problems of colonial settlement; imperial control; and the social, economic, and political growth of the American colonies.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 122: Coll American Rev and Early Na**

Covers American history during the War for Independence, factors that prompted separation from Great Britain, the role of Christianity in the resistance and independence movements, and the American constitutional system of government.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 123: Jacksonian Era**

Looks at the rise of nationalism, westward expansion, changing economics, sectionalism, and reform movements during the Jacksonian era.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 124: The Civil War & Reconstruction**

Examines the causes, leaders, and military campaigns of the Civil War and social, economic, and political developments from 1850 to 1877.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 125: Politics, Industrialization, and Reform, 1877-1920**

Study of populists, imperialism, progressives, and reform movements in general, with special emphasis on big business and politics and industrialism.

**Credits:** 3

**HIST 126: The United States Since World War I**

Examination of the changing American social, political, economic, and cultural scene, with special emphasis on the impact of the progressive tradition since World War I.

**Credits:** 3

**HIST 127: U.S. Reform Movements**

Examination of major social and political reforms in the United States to the present.

**Credits:** 3

**HIST 128: Hist of Wom in Ame Soc to 1890**

Analysis of the participation and changing status of women in American institutional and cultural life.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 129: History of Women in American Society Since 1890**

Continuation of HIST 128.

**Credits:** 3

**HIST 130: East Africa to 1800**

Examines the civilizations of Ethiopia, the Sudan, and the coast of East Africa, along with inland population movements from ancient times to the end of the eighteenth century.

**Credits:** 3

**HIST 131: East Africa Since 1800**

Continuation of HIST 130 to the present.

**Credits:** 3

**HIST 132: Central Africa to 1800**

Examines the social, economic, political developments, and institutions of the peoples of Central Africa.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 133: Central Africa Since 1800**

Continuation of HIST 132.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 134: West Africa to 1800**

Analyzes West African states from ancient times to the end of the eighteenth century.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions



**HIST 135: West Africa Since 1800**

Continuation of HIST 134 to the present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 136: Southern Africa to 1910**

Treats the social, economic, and political development and institutions of South Africa.

**Credits:** 3

**HIST 137: Southern Africa Since 1910**

Continuation of HIST 136.

**Credits:** 3

**HIST 138: North Africa and the Maghreb to 1800**

Study of the social, economic, and political development and institutions of North Africa.

**Credits:** 3

**HIST 139: North Africa and the Maghreb Since 1800**

Continuation of HIST 138.

**Credits:** 3

**HIST 140: History of the Caribbean I**

Traces patterns of political and social changes in the Caribbean region, 1600-1838.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 141: History of the Caribbean II**

Traces patterns of political and social changes in the Caribbean region, 1838 to present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 142: Latin History to 1825**

Study of the settlement, colonial institutions and society, and early 19th-century problems in Latin America and the Caribbean. Divisional Studies C.

**Credits:** 3

**HIST 143: Latin America Since 1825**

Describes and analyzes broad trends in Latin American History since 1825.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 144: History of Mexico & Central America**

Examines the history of Mexico and Central America Indian civilizations of the remote past to the social conflicts of the present.

**Credits:** 3

**HIST 145: History of Brazil**

Latin America's largest and most populous nation is the subject of this course. Themes include the evolution of Brazil's multiethnic society, the struggle for economic development, and the search for a viable political regime.

**Credits:** 3

**HIST 146: Twentieth-Century Cuba**

This course examines Cuba's social, economic, cultural, and political history.

**Credits:** 3

**HIST 147: Afri Amer Women in US Hist I**

Surveys the social, intellectual, economic, political, and cultural history of women in the U.S. from the colonial era to the present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 148: Afri American Women in U S II**

Analyzes the participation of women of African descent in American institutional and cultural life.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 149: District of Columbia History**

Introduces major metropolitan questions, past and present in DC, analyzes how social and economic forces relate to geographic changes.

**Credits:** 3

**HIST 150: Modern Europe**

Studies the political, social, and economic development of the European states.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 151: Modern Europe Since 1815**

Continuation of HIST 150.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 152: Seminar on African Diaspora**

Instructor-led course with a small number of students exploring the African Diaspora

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 153: Seminar in US History**

Continuation of HIST 152 with emphasis on the Soviet Union.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 154: Sem on Modern European Hist**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 157: Seminar in Public History**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 157: Seminar in Public History**

An instructor-led course, usually credit-bearing, with a small number of students collectively exploring the course topic.

**Credits:** 3

**HIST 158: Seminar in Latin American Hist**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 159: Seminar in African History**

An instructor-led course, usually credit-bearing, with a small number of students collectively exploring the course topic.

**Credits:** 3

**HIST 161: Sem:Sex,Gen, Power in Atlantic**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 164: African Economic History**

Explores various factors influencing African economic behavior and development from earliest times to the present.

**Credits:** 3

**HIST 165: Geography of North America**

Examines the physical base and human occupancy of major geographic regions of the United States and Canada.

**Credits:** 3

**HIST 166: Geography of Central America**

Examines the geography of Central America

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 167: Geography of South America**

Discusses the principal regions of South America and the geographic aspects of current national and international questions.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 168: Geography of Europe**

Discusses the principal regions of Europe and the geographic aspects of current national and international questions.

**Credits:** 3

**HIST 169: Geography of Asia**

Natural regions, their present economic development and potentialities.

**Credits:** 3

**HIST 170: Global Warming, People & Envir**

Examines the worldwide global warming phenomenon and its influence on the past, present, and future.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 171: Geography of Africa**

Natural regions, physical and human resources of Africa south of the Sahara, economic development and political potentialities.

**Credits:** 3

**HIST 173: Comparative Slavery in America**

Compares various systems of enslavement worldwide.

**Credits:** 3

**HIST 176: Afro-America to 1877**

Surveys African antecedents in the United States manifest in the social, cultural, economic, and political activity of the black people America.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 177: African Amer Hist**

Continuation of HIST 176.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 178: Afr Amer and State**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 179: England Since 1713**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**HIST 180: Sem: Reparations & Law**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 181: Sem: The African Diaspora**

Explores the history and definition of human rights perspectives, advocacy, and interpretation within multiple contexts.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 182: Slavery to Mass Incarceration**

Explores the relationship between slavery and mass incarceration within the context of US history.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 183: Constitutional Law & Public Pol**

Surveys the history of both the U.S. Constitution and its relationship to construction of public policy.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 184: Colloq: Rights of Citizenship**

Looks at the transition to modern Europe; the Italian Renaissance; development of the arts and sciences; exploration and discovery; the rise of Protestantism and the Catholic reaction; and the religious wars to 1648.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 185: Early Modern Europe II**

Continuation of HIST 184.

**Credits:** 3

**HIST 188: State & Empires of Pre-Colonial Africa**

An examination of pre-colonial Africa. Focus on population and interaction, state formation, trade in sub-Saharan Africa, and on impact of external influences such as Christianity and Islam

**Credits:** 3

**HIST 189: Public History**

Surveys the rich variety of interrelated research activities which constitute the practice of public history. Particular attention given to African Americans influence on the field.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 190: Public History and Public Policy**

Study, analysis, and comparison of selected revolutionary and liberation movements.

**Credits:** 3

**HIST 191: Public History, Memory, and Heritage of Slavery**

Continuation of HIST 190.

**Credits:** 3

**HIST 192: Islam in Africa**

Looks at the diffusion of Islam in Africa and significance of Islam in African societies.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 193: History of Pan Africanism**

Analyzes the origin and significance of Pan-Africanism in the United States, the Caribbean and Latin America.

**Credits:** 3

**HIST 195: Race Relations in Latin America and the Caribbean**

Introduction to the broad conception of nationalism, politics and revolution in Latin America and the Caribbean.

**Credits:** 3

**HIST 196: Geography of Trade and Transportation**

Geographic determinants of international trade; commercial land, water, and air transportation of world export and import commodities.

**Credits:** 3

**HIST 199: Geography of the Black Diaspora**

This course explores the Black Diaspora through a geographic lens by focusing on how place and region shaped the experiences and analysis of Black people as a global racial community/construct.

**Credits:** 3

**HIST 700: Introduction to the Black Diaspora II, Writing**

A writing intensive course surveying the African Diaspora from the late nineteenth century to the present. Cannot be taken with HIST 006.

**Credits:** 3

**HIST 702: Russia Since 1917, Writing**

A writing intensive course emphasizing the Soviet Union. This course also examines the break up of the Soviet empire.

**Credits:** 3

**HIST 703: US Hist to 1877-WRTG (online)**

Examines the growth of the United States, and looks at major problems in America's social, economic, political and cultural experience through 1877. Performance of advanced writing skills is an integral part of this upper level course.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 704: African American History Since 1877, Writing**

A writing intensive course surveying African American social, cultural, economic and political activity.

**Credits:** 3

**HIST 705: US Hist Since 1877 WRTG (OLC)**

Writing intensive course presenting the principal political, economic, social, and cultural developments in the United States from the end of Reconstruction to the present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 745: History of Brazil- WRTG**

Instructor directed course topic. Significant research paper or project required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 747: Af-Am Women History**

Historical examination of black women's experiences in U.S. from antebellum era to present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 750: Modern Europe (Writing)**

Broad survey of modern European history, from the end of the Thirty Years War to the aftermath of World War II. Demonstrating advanced writing skills is an integral part of this upper level course.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**HIST 990: Co-op History**

discontinue?

**Credits:** 2

## **HIST 991: Co-op History**

discontinue?

**Credits:** 1

# AHCC - Allied Health Education

## **AHCC 001: Health Dynamics**

This course introduces students to various aspects of the health care field. Students will explore a variety of health-related disciplines, create an academic and career plan for their chosen profession, and develop a health care e-portfolio. Students will study health implications for several cultural groups, including belief systems, communication styles and the role of the family. Professional behavior and essential qualities for health care professionals will also be addressed.

**Credits:** 3

## **AHCC 003: Medical Terminology**

Incorporates Medical Language for Modern Health Care that uses Contextual Learning Theory to introduce medical terminology within a healthcare environment. Introduces and defines terminology through the context of A &P, pathology, and clinical and diagnostic procedures/tests. Offers contextual content, a Word Analysis and Definition Table, and exercises all in one place. Word Analysis and Definition Tables provide a color-coded guide to word parts and combining forms, as well as definitions and pronunciations. With unfolding patient case studies and documentation, explores various roles in the healthcare environment, illustrating the real-life application of medical terminology in modern health care while facilitating active learning.

**Credits:** 2

### **Prerequisites:**

AHCC 110 registration

## **AHCC 004: Intro to Allied Hlth Profess**

**Credits:** 1

## **AHCC 006: Substance Abuse (on-line)**

**Credits:** 3

## **AHCC 107: Independent Study**

**Credits:** 3

## **AHCC 110: General Orientation**

Designed as a general introduction to the Nursing and Allied Health Sciences Departments.

**Credits:** 2

## **AHCC 201: Community Health**

Community Health Nursing emphasizes care of the client/client system utilizing community health services in a variety of home and agency settings. The student is introduced to professional aspects of nursing in the community including historical developments and nursing practice, legal and ethical issues, strategies, and tools for promoting health, nursing care of at-risk aggregates across the life span, and issues and concerns in community health nursing

**Credits:** 3



**AHCC 202: Computer for AH (online)**

This course is designed to offer computer literacy and management for allied health profession in the Division of Allied Health Sciences, College of Nursing and Allied Health Sciences. It familiarizes students with basic computer tutorial and information technology as adapted for use of medical health electronic record management such as laptops, PDAs, IPODs including Blackboard and McGraw-Hill Online computer system and basic computer tutorial in collaboration with the Center for Excellence in Teaching, Learning, & Assessment [CETLA]. The multimedia presentations online and classrooms settings will enhance the management of skills related to state-of-the-art medical and health services data management.

**Credits:** 3

**Prerequisites:**

Registration in the Divisions of Nursing and Allied Health Sciences.

**AHCC 203: Child Health Issues**

This d course will utilize a socio-ecological approach to provide students with a solid understanding of biological, psychosocial, environmental, cultural, political and other determinants of child and adolescent health.

**Credits:** 3

**AHCC 204: AIDS: Roles Health Prof**

**Credits:** 3

**AHCC 301: Ethics for Hlth Professionals**

Provides students with foundational knowledge and skills in responsible professional behavior that will enable them to competently reflect upon, address and resolve the ethical and socio-cultural issues that students will confront during their training and professional practice.

**Credits:** 2

**AHCC 305: Interdis to Comm Hlth Care**

**Credits:** 2

**AHCC 375: Geriatrics for Allied Health Professions**

This course is designed for students in Allied Health Professions. It covers two consecutive modules in geriatrics and long term care theories and practices. It will provide knowledge about aging process, medical care, as well as long term care management of the American Health Care delivery services. The course will emphasize the demographic changes and determinants life-styles. It will increase the students' knowledge of the health care continuum of aging and long term care. It also emphasizes health promotion strategies, promotes critical thinking, problem solving through the use of case studies, and gives students a solid background in understanding long-term care.

**Credits:** 2

**Prerequisites:**

Registration in the Divisions of Nursing and Allied Health Sciences.

**AHCC 409: Health Systems Mgmt II**

**Credits:** 3

**AHCC 413: Cult Cong Care-Clin Hlth Prof**

**Credits:** 3

**AHCC 414: Radiation Therapy Sci. Inquiry**

Designed to prepare students with basic principles of research and statistical methods. Principles of scientific research will provide a foundation for advanced research to develop research papers in the profession.

Prereqs: Statistics course

**Credits:** 2

# MATH - Mathematics

## COURSE DESCRIPTIONS

### **MATH 005 : College Algebra I WR**

An intensive college algebra course that emphasizes manipulative algebra, solutions of equations and inequalities, and graphs and analysis of linear, quadratic, exponential and logarithmic functions. Three lecture hours and two recitation hours per week. Equivalent to Math 006

**Credits:** 4

### **MATH 006: College Algebra I**

An intensive college algebra course that emphasizes manipulative algebra, solutions of equations and inequalities, and certain elementary functions. Equivalent to Math 005.

**Credits:** 3

**Prerequisites:**

Satisfactory score on mathematics placement examination.

### **MATH 007: Precalculus**

Exponential and logarithmic functions; trigonometry, and systems of equations. Students planning to take 156 should take this course. It is not intended for those students planning to take 026; they should take 010 instead.

**Credits:** 4

**Prerequisites:**

006, or satisfactory score on the Mathematics Placement Examination.

### **MATH 009: Introduction to Statistics**

A first course in statistics that may be followed by more specialized statistics courses offered by other departments of the University. Not intended for students who have taken calculus; students with a calculus background should take 189.

**Credits:** 4

**Prerequisites:**

MATH 006, or satisfactory score on the Mathematics Placement Examination.

### **MATH 010: College Algebra II**

Exponential and logarithmic functions; matrix theory, combinatorics, and probability. Students planning to take 026 should take this course. It is not intended for students planning to take 156, who should, instead, follow 006 with 007.

**Credits:** 4

**Prerequisites:**

MATH 006, or satisfactory score on the Mathematics Placement Examination.

### **MATH 011: Intro to Environmental Statist**

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 012: Patterns in Mathematics**

Introduction to the art, nature and applications of mathematics. Emphasis is placed on mathematical patterns occurring in real life situations. The course is not intended for students planning to take any Calculus course

**Credits:** 3

**Prerequisites:**

MATH 006, or satisfactory score on the Mathematics Placement Examination.

**MATH 020: Fund Concept Math Educ I**

Fundamental concepts of mathematics needed by elementary school teachers.

**Credits:** 3

**Prerequisites:**

MATH 006, or satisfactory score on the Mathematics Placement Examination.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 021: Fundamental Concepts of Mathematics for Education II**

Algebra, expressions and solving equations. Visualization. Properties of angles, circles, spheres, triangles, and quadrilaterals. Measurement, length, area, and volume. Transformations, congruence, and similarity. Basic descriptive statistics and probability. Required of all students in an elementary school certification program. Offered every spring semester.

**Credits:** 3

**Prerequisites:**

MATH 020

**MATH 026: Applied Calculus**

Limits; differentiation; integration; introduction to differential equations; and functions of several variables. . Prerequisite MATH 007 or 010 or outstanding score on Mathematics Placement Examination.

**Credits:** 4

**MATH 084: Directed Readings Honors Sophs**

This set of courses (084, 085, 088, 089, 092, 093) is designed for students in the honor's program, and is designed to help students writing an honor's thesis. Others may take the courses with consent of the instructor.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 084-085: Directed Readings in Honors for Sophomores**

This set of courses (084, 085, 088, 089, 092, 093) is designed for students in the honor's program, and is designed to help students writing an honor's thesis. Others may take the courses with consent of the instructor.

**Credits:** 1

**MATH 088-089: Directed Readings in Honors for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**MATH 089: Directed Reading Honors Jrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 092: Senior Departmental Honors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 092-093: Senior Departmental Honors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 3

**MATH 101: Proof and Problem Seminar I**

This course and 102 are designed to help mathematics majors make the transition from the Calculus sequence to more advanced and abstract courses, and is to be taken early when a student declares a major. The topics are sets, relations, functions, proofs by induction and contradiction, complex numbers, and binomial coefficients. Corequisite: MATH 156.

**Credits:** 1

**MATH 102: Proof and Problem Seminar II**

A continuation of 101. The topics of 101 are reinforced by going more deeply into one of number theory, dynamics, probability, graph theory, or modeling.

**Credits:** 1

**Prerequisites:**

101. Coreq: 157.

**MATH 150: Modern Geometry**

Deductive reasoning through the study of selected topics from Euclidean and non-Euclidean geometrics.

**Credits:** 3

**Prerequisites:**

157.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 156: Calculus I**

Limits, continuity, and the derivative and integral of functions of one variable, with applications.

**Credits:** 4

**Prerequisites:**

007 or outstanding score on Mathematics Placement Examination.

**MATH 157: Calculus II**

Continuation of 156, including more integration, sequences, series, Taylor's theorem, improper integrals, and L'Hospital's rule.

**Credits:** 4

**Prerequisites:**

156.

**MATH 158: Calculus III**

Continuation of 157, including calculus of functions of several variables, with applications.

**Credits:** 4

**Prerequisites:**

157.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 159: Differential Equations**

Elementary techniques of ordinary differential equations, including slope fields, equilibria, separation of variables, linear differential equations, homogeneous differential equations, undetermined coefficients, bifurcations, power series, Laplace transforms, systems, and numerical methods.

**Credits:** 4

**Prerequisites:**

157.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 160: Adv Calculus for Sci & Eng**

Vector calculus in several dimensions. Generalizations of the fundamental theorem of calculus. Stokes theorem divergence theorem. Inverse and implicit functions theorems.

**Credits:** 3

**Prerequisites:**

158.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 161: Seminar-Adv. Linear Algebra**

Offered on demand; seminars in various topics in mathematics.

**Credits:** 3-4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 161, 162: Seminar**

Offered on demand; seminars in various topics in mathematics.

**Credits:** 1-3

**MATH 162: Seminar: p-adic analysis**

Offered on demand; seminars in various topics in mathematics.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 164: Numerical Analysis**

Treats numerical integration and numerical solution of differential equations; numerical linear algebra, matrix inversion, characteristic values; error propagation; and stability.

**Credits:** 3

**Prerequisites:**

159 and SYCS 135.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 165: Directed Readings**

Readings under a faculty member whose approval is required for admission to course.

**Credits:** 1-4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 165, 166: Directed Readings.**

Readings under a faculty member whose approval is required for admission to course.

**Credits:** 1-3

**MATH 166: Directed Readings**

Readings under a faculty member whose approval is required for admission to course.

**Credits:** 1-4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 168: Actuarial Science Lab I**

Systematic methods and approaches for rapid and accurate solutions of problems arising in elementary algebra, calculus, and analysis.

**Credits:** 1

**Prerequisites:**

Consent of instructor or 158.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 169: Actuarial Science Laboratory II**

Continuation of 168 with the problems to be solved coming from mathematical statistics.

**Credits:** 1

**Prerequisites:**

Consent of instructor or 190.

**MATH 175: UG Research in Mathematics I**

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**MATH 176: UG Research in Mathematics****Credits:** 3**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning**MATH 179: Combinatorics II****Credits:** 3**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning**MATH 180: Intro to Linear Algebra**

Vector Spaces, linear transformations, the Gram-Schmidt process, determinants, eigenvectors and eigenvalues, diagonalization and applications.

**Credits:** 3**Prerequisites:**

MATH 157

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning**MATH 181: Discrete Structures**

Algebraic structures applicable to computer science; semigroups, graphs, lattices, Boolean algebras, and combinatorics.

**Credits:** 3**Prerequisites:**

157.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning**MATH 183: Interm Differential Equations**

Initial value problems, existence and uniqueness of solutions, properties of solutions boundary value problems, Sturm-Liouville systems, and orthogonal expansions.

**Credits:** 3**Prerequisites:**

159 and 180.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning**MATH 184: Introduction to Number Theory**

Elements theory of algebraic number theory.

**Credits:** 3**Prerequisites:**

197.

**MATH 185: Intro to Complex Variables**

Complex numbers and their geometry, plane topology, limits, continuity, differentiation, Cauchy-Riemann equations, analytic functions, series, Cauchy theorems, contour integration, and residue theory.

**Credits:** 3

**Prerequisites:**

195.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 186: Intro to Different Geometry**

Calculus in Euclidean space, vector fields, geometry of surfaces, and curves.

**Credits:** 3

**Prerequisites:**

158 and 180.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 187: Introduction to Algebraic Topology**

Complexes, homology, surface topology, and the classical groups.

**Credits:** 3

**Prerequisites:**

197 and 199.

**MATH 189: Probability & Statistics I**

Samples spaces, random variables, distributions, expectation, independence, law of large numbers.

Prerequisite: 158.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 190: Probability & Statistics II**

Continuation of 189. Includes estimation, order statistics, sufficient statistics, test of hypotheses, and analysis of variance.

**Credits:** 3

**Prerequisites:**

189.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 191: Foundations of Applied Mathematics**

Introduction to the concepts and methods of applied mathematics, including gravitational motion, calculus of variations, Lagrange's and Hamilton's equations; approximation techniques, partial differential equations, Fourier series, and Fourier integrals.

**Credits:** 3

**Prerequisites:**

159.



**MATH 192: Topics in Applied Mathematics**

Topics are selected from the following areas: combinatorics, computer science, control theory, fluid dynamics, game theory, information theory, mathematical biology, and statistical mechanics.

**Credits:** 3

**Prerequisites:**

MATH 191 or permission of instructor.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 193: Actuarial Science Seminar**

Treats life contingency, or the theory of interest, or other applications of mathematics to actuarial science as required.

**Credits:** 3

**Prerequisites:**

190.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 194: Introduction to Set Theory**

Axiomatic foundations; relations and functions; ordered and well-ordered sets; ordinals and cardinals and axiom of choice with its equivalents.

**Credits:** 3

**Prerequisites:**

195.

**MATH 195: Introduction to Analysis I**

Set theory, logic, real and complex numbers, introductory topology, and continuous function. Required for mathematics majors.

**Credits:** 3

**Prerequisites:**

157.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 196: Introduction to Analysis II**

Sequences; series; limits; continuity; uniform continuity and convergence; differentiation and integration of functions of one variable.

**Credits:** 3

**Prerequisites:**

195.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 197: Intro to Modern Algebra I**

Groups, rings, fields and homomorphisms.

**Credits:** 3

**Prerequisites:**

180.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 198: Intro to Modern Algebra II**

Continuation of 197, including isomorphism theorems, Cayley's theorem, the Sylow theorems, p-groups, abelian groups, unique factorization domains, and Galois theory.

**Credits:** 3

**Prerequisites:**

197.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 199: Intro to General Topology**

Topological spaces; relative topology; and subspaces, finite product spaces; quotient spaces; continuous and topological maps; compactness; connectedness; and separation axioms.

**Credits:** 3

**Prerequisites:**

157 and 195.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 213: Intro to Number Theory**

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 228: Intro. to Complex Variables**

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 249: Intro. to General Topology**

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**MATH 273: Combinatorics I**

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

## **MATH 274: Combinatorics II**

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

## **MATH 795: Intro Anal I-Wrtg**

Writing across the curriculum. See 195. This version of the course fulfills an undergraduate writing requirement.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

# Music

<http://www.coas.howard.edu/music/>

The music program at Howard University has a rich history which may be traced to 1870, when a few courses were offered. In 1892, the program was organized as a stable department of the Normal School, and in 1914 it was established as an independent conservatory.

The School of Music (now Department of Music), under the dynamic leadership of Dean Warner Lawson, was admitted to membership in the National Association of Schools of Music in 1942, the first music program in the Washington area to gain such membership. In January 1974, the program was reorganized as a department of the College of Fine Arts. Since the merger of the College of Fine Arts and the College of Arts and Sciences in August 1998, the Department of Music has functioned as one of three areas within the Division of Fine Arts of the College of Arts and Sciences.

## **MISSION**

The Howard University Department of Music is a professional fine arts unit within an historically Black private university. Its purpose is to attract diverse students of high artistic and academic potential, and provide for them a scholarly environment and musical experience of exceptional quality in performance, research, pedagogy, technology, therapy, and composition. The Department is dedicated to attracting and retaining faculty of the highest order who work together to inspire students, through example and leadership, to reach their full intellectual and artistic potential. The Department of Music places particular emphasis on the provision of educational and cultural opportunities for individuals of the global community, with significant focus given to the musical contributions of peoples of the African Diaspora.

## **ADMISSIONS**

All applicants to the Department of Music must apply to the University and satisfy Howard University academic requirements *before* being admitted to the Department. [Prospective students](#) are encouraged to read and comply with the admission process as set forth by the [University Office of Admission](#).

## ADMISSION AUDITIONS

All new applicants to the Department of Music must present a successful audition in order to be admitted to the Department. Former students who have not been enrolled in the Department for two or more consecutive semesters must re-audition. Generally, auditions are held on campus according to a published schedule, but special appointments may be arranged when necessary. When an in-person audition is not feasible, an applicant may request permission to submit a recorded audition.

In all cases, it is important that an applicant contact the appropriate Performance Area Coordinator to schedule an audition prior to published deadlines.

### Performance Area Coordinators:

Classical - Instrumental:	Fred Irby, III	<a href="mailto:firby@howard.edu">firby@howard.edu</a>
Classical - Piano:	Charles Timbrell	<a href="mailto:ctimbrell@howard.edu">ctimbrell@howard.edu</a>
Classical - Voice:	Gregory Hopkins	<a href="mailto:gregoryhhopkins@aol.com">gregoryhhopkins@aol.com</a>
Jazz - Instrumental:	Charlie Young, III	<a href="mailto:cyoung@howard.edu">cyoung@howard.edu</a>
Jazz - Voice:	Connaitre Miller	<a href="mailto:conmiller@howard.edu">conmiller@howard.edu</a>

## Audition Requirements

Applicants should download and complete an [audition form](http://www.coas.howard.edu/music/admissions/admissions.html) which is available on the Music Department's website at <http://www.coas.howard.edu/music/admissions/admissions.html> and bring the form with you to your audition.

All auditions should include technical exercises, scales and arpeggii, and at least three compositions of different periods and in different styles. Additionally, please note the specific audition requirements in the following areas:

### JAZZ STUDIES

Applicants wishing to be admitted to freshman classification as majors in Jazz Studies must demonstrate the following:

- **Instrumental:** A thorough knowledge of the basic technique of the chosen instrument; basic improvisation skills as they relate to standard jazz literature.
- **Voice:** Three (3) selections in contrasting jazz styles and tempos. (e.g. med. swing, fast swing, blues, ballad, bossa nova, samba, jazz waltz etc...) The addition of improvisation (scat singing) encouraged for at least one tune. Bring sheet music or lead sheets in the key in which you sing. You may bring your own accompanist or one will be provided. A short interview will follow the audition.

## PERFORMANCE MAJORS

Applicants wishing to be admitted to freshman classification as majors in Performance must demonstrate the following:

- **Piano:** The ability to play any scale or arpeggio in moderately rapid tempo, hands together; standard studies, such as Czerny, Op. 299, Bk. 1; easier classical sonatas; a short romantic work; and a work by Bach (equivalent to an Invention or Prelude and Fugue).
- **Violin:** The ability to perform studies of the difficulty of Kreutzer Etudes and works of the grade of the Viotti Concerto in G Major 3 and the Mozart Third Concerto in G Major.
- **Voice:** A good natural voice and the ability to sing simple songs on pitch with correct phrasing and musical intelligence, and sing from memory two (2) selections of contrasting styles.
- **Orchestral Instruments, including Saxophone and Guitar:** A thorough knowledge of the basic technique of the chosen instrument; students must own their own instruments; previous study of piano is desirable.

## **STRING STUDIES**

- Dates for live auditions will be announced in the Fall. A well-recorded DVD audition containing the requirements listed below is acceptable and recommended for those residing a considerable distance from the DC area. Please do not submit audio-only CDs.
- All auditions must be played on the candidate's own instrument, which must be of an appropriate quality for advanced study.
- Orchestra audition requirements are the same as those for instrumental minor.

### **Violin Major (performance)**

- - Scales in all major and minor keys, 3 octaves, slow and fast tempi.
  - A complete etude of Kreutzer, Rode, or comparable difficulty.
  - Two contrasting movements from an unaccompanied Bach sonata or partita.
  - First movement of a major concerto written after 1750.

### **Violin Minor (education, business, therapy)**

- - A three octave scale in both slow and fast tempi.
  - A complete etude.
  - Two short solo works or movements (complete) of contrasting style and tempo.

### **Viola Major (performance)**

- - Scales in all major and minor keys, 3 octaves, slow and fast tempi.
  - A complete etude of Kreutzer or comparable difficulty.
  - Two contrasting movements of an unaccompanied Bach suite.
  - First movement of a major concerto or other major solo.

### **Viola Minor (education, business or therapy)**

- - A three octave scale in both slow and fast tempi.

- A complete etude of at least ASTA grade 3 (Hoffmeister, Kayser, Mazas, Wohlfhart)
- Two contrasting solo selections of at least ASTA Grade 3 (Bach Cello Suites, Telemann Concerto, Suzuki Book 4).

### **Violoncello Major (performance)**

- - Scales in all major and minor keys, 3 octaves, slow and fast tempi.
  - A complete etude of Popper or Duport, or a Caprice by Piatti.
  - Two contrasting movements from an unaccompanied Bach suite.
  - First movement of a major concerto (Haydn C or D Major, Saint-Saens, Boccherini, Elgar, Dvorak or similar difficulty).

### **Violoncello Minor (education, business, therapy)**

- - A two octave scale in both slow and fast tempi.
  - A complete etude (Dotzauer, Merk, Lee or similar difficulty).
  - Two short works or movements of contrasting style and tempo.

### **Double Bass Major (performance)**

- - Scales in all major and minor keys, 2 octaves, slow and fast tempi.
  - A complete etude of Simandl, Nanny or comparable difficulty
  - Two contrasting movements from a Sonata or Bach Suite
  - First movement of a concerto.

### **Double Bass Minor (education, business, therapy)**

- - A two octave scale in both slow and fast tempi.
  - A complete etude.
  - Two short works or movements of contrasting style and tempo.

## **FINANCIAL AID**

Students should carefully review and avail themselves of the information presented on the website of the Office of Financial Aid. While the Department of Music does award scholarships and grants to eligible, deserving students, competition is rigorous for limited funds. Students are therefore encouraged to explore all possible avenues of financial support for their college education.

### **Department of Music Financial Aid**

(1) Financial aid is awarded only to individuals who have been admitted by both the University Office of Admission and the Department of Music.

(2) Scholarships and grant awards from Howard University funds are available only to students who complete the FREE APPLICATION FOR FEDERAL STUDENT AID (FAFSA).

- The FAFSA may be secured from the Howard University Office of Financial Aid, high school guidance counselors, and public libraries.
- The FAFSA must be submitted before February 1st each year.

(3) Any financial assistance recommended by the Department of Music may be reduced after analysis of the student's file by the Office of Financial Aid, depending on:

- Other available funding sources (family income, Federal grants, etc.); and University and Federal regulations.

(4) The Department of Music is unable to award full scholarships.

(5) Prospective students are eligible for Department of Music scholarships based on audition performance and recommendations from the faculty.

(6) Music Scholarships are awarded for one semester or one academic year at a time only. **Students must re-apply for scholarships each year.** The Department of Music does not guarantee a specific scholarship amount from year-to-year. Additionally, please note the following:

### **Satisfactory Academic Progress (SAP)**

Continuing music students must successfully complete 70% of courses attempted each semester to be eligible for a Department of Music award the following semester. If the student has been awarded for the school year but then does not satisfy the SAP requirement in the Fall semester, then the Spring portion of the original award may be rescinded. Separately, if the Spring semester does not satisfy the SAP then the student is ineligible for a departmental award the following semester. Such recaptured scholarship funds may be awarded to other eligible students. This policy allows academically successful students to receive additional assistance.

## **MUSIC MAJORS**

The Department of Music offers programs of study leading to the Bachelor of Music degree with concentrations in Composition, Jazz Studies, Music with Elective Studies in Business, Music History, Music Education, and Music Therapy.

### **Composition**

The Composition program develops skills required of a music composer, including courses in orchestration and theoretical studies. Composition majors are accepted by audition as piano, voice or instrumental minors. Upon completion of the second-year requirements with a 3.0 GPA in all theory courses through MUSB-042, students will be admitted to the upper division in the composition programs.

### **Jazz Studies**

The Jazz Studies program develops skills in jazz performance, composition, arranging, and history; and offers an optional emphasis in Music Technology. The objective of the Jazz Studies program is to preserve and perpetuate jazz through instruction, performance, and research. Included in the curriculum are improvisation, arranging, composing, history, digital music, and studies relating to the music business. Undergraduate Jazz Studies majors may use one of the following schemes to add a concentration in Music Technology, which

includes studies in MIDI sequencing, notation software, audio recording, and live sound reinforcement. Students may be admitted to the technology program only after being accepted into the Jazz Studies Program through audition.

### **Music with Elective Studies in Business**

The Music with Electives in Business program is a Music Major program in either Performance or Jazz Studies, while taking additional courses in Business Administration. Currently, the business courses include subjects such as economics, accounting, principles of marketing, and statistics. The program requires an administrative internship in the arts community during the senior year. Auditions are for acceptance into the Performance or Jazz Studies major areas.

### **Music Education**

The Bachelor of Music in Music Education program provides the training to become a certified teacher of either vocal or instrumental music, grades K through 12, in the District of Columbia. This teaching certificate is reciprocal to more than 30 other states in the United States.

The Instrumental Emphasis prepares students for work as Band Directors while the Vocal Emphasis program prepares students as Choral Directors.

Student Teaching is required in the final semester, and only after all major work has been completed. The following pre-requisites must be completed prior to student teaching:

- Students must pass Praxis I examination
- Students who are not piano minors must pass the Piano Proficiency examination prior to their 7th semester, and in order to achieve Senior classification.
- An average of "B" must be achieved in all Music Education and Education courses.

### **Music History**

The Music History program develops overall music scholarship and hones research skills. Students will not be permitted to elect history as a major until they have completed MUSC-005 and MUSC-006 with grades of B or better. Students who major in the history of music must meet the requirements for a minor in piano and must appear creditably on student recitals in this subject. Candidates for graduation will be required to pass an oral examination before a music faculty committee. Students must maintain a B average in their major subject. At least two major projects must relate to an aspect of the black heritage in music.

### **Music Therapy**

The Music Therapy program provides the training to pass the Music Therapy Board Certification Examination. Music Therapy majors are accepted by audition as instrumental, piano or voice minors. After successful completion of all HU academic requirements (including the Piano Proficiency examination prior to their 7th semester), students must complete a Music Therapy Clinical Internship at an AMTA approved site. Approval from the program coordinator is required to begin the Internship, after which the student will be qualified to sit for the Music Therapy Board Certification Examination.



**EDUC 331: Special Education**

An introduction to special education with an overview of suggestions to assist beginning early education teachers prepare to recognize and handle special needs of children and their families.

**Credits:** 3

**MUSE 153: Vocal Accompanying I**

**Credits:** 2

**MUSF 111: Organ Minor I**

**Credits:** 2

**MUSF 112: Organ Minor II**

**Credits:** 2

**MUSF 121: Organ Minor III**

**Credits:** 2

**MUSF 122: Organ Minor IV**

Continuation of MUSF 121.

**Credits:** 2

**MUSF 131: Organ Minor V**

**Credits:** 2

**MUSF 132: Organ Minor VI**

Continuation of MUSF 131.

**Credits:** 2

**MUSF 141: Organ Minor VII**

**Credits:** 2

**MUSG 211: Voice Major I**

**Credits:** 3

**MUSG 212: Voice Major II**

One-on-one private voice lessons for the classical voice Performance music major. A healthy technique is taught using standard art song, spiritual and oratorio literature. German and French literature may be added. Operatic arias may be added. 3 - 5 selections are learned and presented at the final exam/jury. Students must perform on Student Recital. Restricted to BM Performance Voice majors

**Credits:** 3

**MUSG 221: Voice Major III**

**Credits:** 3

**MUSG 222: Voice Major IV**

Continuation of one-on-one private lessons for the classical voice Performance music major. All major languages are studied. 4 - 6 selections are learned and presented at the final exam/jury. Students must perform on Student Recital. Restricted to BM Performance Voice majors.

**Credits:** 3

**MUSG 231: Voice Major V**

**Credits:** 3

**MUSG 232: Voice Major VI**

This is the Junior Recital/Qualifying Recital semester. Students prepare a 30-minute recital featuring repertoire of the Baroque, Classic, Romantic, 20th and 21st centuries, including art songs or operatic arias by African American Composers. Student register for MUTO 111. A jury may be required.

**Credits:** 3

**MUSG 241: Voice Major VII**

**Credits:** 3

**MUSG 242: Voice Major VIII**

This is the Senior Recital/Qualifying Recital Semester. Students prepare a 60-minute recital featuring repertoire of the Baroque, Classical, Romantic, 20th and 21st centuries, including art songs and arias by African American Composers. Students register for MUTO 112. A jury may be required.

**Credits:** 3

**MUSH 016: Jazz Keyboard Harmony**

Development of chord reading and jazz harmonic voicing skills at the piano. Fall/Spring.

**Credits:** 2

## MUSY - Accompanying for Ensemble

**MUSY 111, 112: Accompanying for Ensemble**

ea. Provides experience in preparation and public performance as an accompanist for varied ensembles.

**Credits:** 1

**MUSY 121, 122: Accompanying for Ensemble**

ea. Continuation of 448-111, 112.

**Credits:** 1

**MUSY 131, 132: Accompanying for Ensemble**

ea. Continuation of MUSY -121, 122

**Credits:** 1

**Prerequisites:**

MUSY -121, 122, or consent of instructor.

**MUSY 141, 142: Accompanying for Ensemble**

ea. Continuation of MUSY 131, 132

**Credits:** 1

**Prerequisites:**

MUSY 131, 132, or consent of instructor.

## MUTT - Bassoon

**MUTT 100: Bassoon Instruction**

Private lessons to non-music major. A comprehensive understanding of bassoon playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**MUTT 111: Bassoon Minor I**

Individual Instruction: Study bassoon in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUTT 111, 112: Bassoon Minor**

Consists of major and minor scales and arpeggios, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUTT 112: Bassoon Minor II**

Individual Instruction: Study bassoon in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUTT 121, 122: Bassoon Minor**

Continuation of MUTT 111, 112

**Credits:** 2

**Prerequisites:**

MUTT 111, 112, or consent of instructor.

**MUTT 131, 132: Bassoon Minor**

Continuation of MUTT 121, 122

**Credits:** 2

**Prerequisites:**

MUTT 121, 122, or consent of instructor.

**MUTT 141, 142: Bassoon Minor**

Continuation of MUTT 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUTT 131, 132, or consent of instructor.

**MUTT 211, 212: Bassoon Major**

Instruction in major and minor scales and arpeggi, along with etudes and solos in all styles.

**Credits:** 4

**MUTT 221, 222: Bassoon Major**

Continuation of MUTT 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUTT 211, 212, or consent of instructor.

**MUTT 231, 232: Bassoon Major**

Continuation of MUTT 221, 222

**Credits:** 4

**Prerequisites:**

MUTT 221, 222, or consent of instructor.

**MUTT 241, 242: Bassoon Major**

Continuation of MUTT 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUTT 231, 232, or consent of instructor.

## MUTE - Brass Ensemble

**MUTE 111: Brass Ensemble I**

Performance Instrumental Ensemble: Perform contemporary and standard brass repertoire, with emphasis given to sight reading, interpretation, and musicianship. Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Baroque period to contemporary music.

**Credits:** 1

**MUTE 111, 112: Brass Ensemble**

ea. Ensemble that performs contemporary and standard brass music, with emphasis given to sight reading, interpretation, and musicianship.

**Credits:** 1

**MUTE 112: Brass Ensemble II**

Performance Instrumental Ensemble: Perform contemporary and standard brass repertoire, with emphasis given to sight reading, interpretation, and musicianship. Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Baroque period to contemporary music.

**Credits:** 1

**MUTE 121: Brass Ensemble III**

Instrumental Ensemble for the study and performance of brass literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**MUTE 121, 122: Brass Ensemble**

ea. Continuation of MUTE 111, 112

**Credits:** 1

**Prerequisites:**

MUTE 111, 112, or consent of instructor.

**MUTE 122: Brass Ensemble IV**

Instrumental Ensemble for the study and performance of brass literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

MUTE 111, 112

**MUTE 131, 132: Brass Ensemble**

ea. Continuation of MUTE 121, 122

**Credits:** 1

**Prerequisites:**

MUTE 121, 122, or consent of instructor.

**MUTE 141, 142: Brass Ensemble**

ea. Continuation of MUTE 131, 132

**Credits:** 1

**Prerequisites:**

MUTE 131, 132, or consent of instructor.

## MUTS - Clarinet

**MUTS 041: Clarinet Minor VII**

Consists of major and minor scales and arpeggios, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUTS 100: Clarinet Instruction**

Private lessons to non-music major. A comprehensive understanding of clarinet playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**MUTS 111: Clarinet Minor I**

Individual Instruction: Study clarinet in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUTS 112: Clarinet Minor II**

Individual Instruction: Study clarinet in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUTS 111

**MUTS 121: Clarinet Minor III**

Individual Instruction: Study clarinet in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUTS 112

**MUTS 122: Clarinet Minor IV**

Individual Instruction: Study clarinet in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUTS 121

**MUTS 231, 232: Clarinet Major**

Continuation of MUTS 221, 222

**Credits:** 4

**Prerequisites:**

MUTS 221, 222 or consent of instructor.

**MUTS 241, 242: Clarinet Major**

Continuation of MUTS 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUTS 231, 232.

## MUTP - Fine Arts Guitar

**MUTP 012: Fine Arts Guitar Lab**

ea. Group instruction for non-music majors in music fundamentals, basic playing and teaching techniques, and repertoire of popular and classical music.

**Credits:** 1

**MUTP 100: Blacks in the Arts**

Provides students with general knowledge and understanding of the contributions of African-American artists and the interrelationship of their achievements with the world of art and culture. Students will profit from the integrated discussion and demonstration of three types of artistic expression: music, theatre, and visual art.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**MUTP 209: Music Internship**

One semester internship with an arts-related organization. Internship must be approved by the Area Coordinator. Fall/Spring

**Credits:** 4

# MUSP - Flute

## **MUSP 100: Flute Instruction**

Learn flute playing, including technical proficiency, musical interpretation, and historical context in private lessons for non-music majors. Understand the fundamental skills required to play the instrument. Explore a range of repertoire from different periods and styles.

**Credits:** 1

**Prerequisites:**

Permission of coordinator/instructor required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUSP 111: Flute Minor I**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUSP 111, 112: Flute Minor**

Includes all minor and major scales and arpeggios, along with suitable studies and solos.

**Credits:** 2

## **MUSP 112: Flute Minor II**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUSP 121: Flute Minor III**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSP 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUSP 121, 122: Flute Minor**

Continuation MUSP 111, 112

**Credits:** 2

**Prerequisites:**

MUSP 111, 112 or consent of instructor.

## **MUSP 122: Flute Minor IV**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSP 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSP 131: Flute Minor V**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSP 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSP 131, 132: Flute Minor**

Continuation of MUSP 121, 122, with more advanced studies and solos

**Credits:** 2

**Prerequisites:**

MUSP 121, 122 or consent of instructor.

**MUSP 132: Flute Minor VI**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSP 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSP 141: Flute Minor VII**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSP 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSP 141, 142: Flute Minor**

Continuation of MUSP 131, 132, with preparation for graduating recital

**Credits:** 2

**Prerequisites:**

MUSP 131, 132 or consent of instructor.

**MUSP 142: Flute Minor VIII**

Study flute in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSP 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSP 211, 212: Flute Major**

Instruction in major and minor scales and arpeggios, along with etudes and solos in all styles.

**Credits:** 4



**MUSP 221, 222: Flute Major**

Continuation of MUSP 211, 212. Preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUSP 211, 212 or consent of instructor.

**MUSP 231, 232: Flute Major**

Continuation of MUSP 221, 222

**Credits:** 4

**Prerequisites:**

MUSP 221, 222 or consent of instructor.

**MUSP 241, 242: Flute Major**

Continuation of MUSP 231, 232 with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUSP 231, 232, or consent of instructor.

## MUST - French Horn

**MUST 100: French Horn Instruction**

Study horn playing, including technical proficiency, musical interpretation, and historical context in private sessions. Understand the fundamental skills required to play the instrument. Explore a range of repertoire from different periods and styles. Permission of coordinator/instructor required

**Credits:** 1

**Prerequisites:**

Permission of coordinator/instructor required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 111: French Horn Minor I**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 111, 112: French Horn Minor**

Includes major and minor scales and arpeggi, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUST 112: French Horn Minor II**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 121: French Horn Minor III**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUST 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 121, 122: French Horn Minor**

Continuation of MUST 111, 112

**Credits:** 2

**Prerequisites:**

MUST 111, 112, or consent of instructor.

**MUST 122: French Horn Minor IV**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUST 121

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 131: French Horn Minor V**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUST 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 131, 132: French Horn Minor**

Continuation of MUST 121, 122

**Credits:** 2

**Prerequisites:**

MUST 121, 122, or consent of instructor.

**MUST 132: French Horn Minor VI**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUST 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 141: French Horn Minor VII**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUST 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 141, 142: French Horn Minor**

Continuation of MUST 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUST 131, 132, or consent of instructor.

**MUST 142: French Horn Minor VIII**

Study french horn in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUST 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUST 211, 212: French Horn Major**

Includes major and minor scales and arpeggi, along with etudes and solos in all styles.

**Credits:** 4

**MUST 221, 222: French Horn Major**

Continuation of MUST 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUST 211, 212, or consent of instructor.

**MUST 231, 232: French Horn Major**

Continuation of MUST 221, 222

**Credits:** 4

**Prerequisites:**

MUST, 221, 222, or consent of instructor.

**MUST 241, 242: French Horn Major**

Continuation of MUST 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUST 231, 232, or consent of instructor.

# MUSB - Fundamentals

## COURSE DESCRIPTIONS

### **MUSB 001: Fundamentals of Music**

Study notation, simple rhythms, intervals, scales, and dictation of melodies. Analyze how music works based on the elements of music (rhythm, melody, harmony, form, etc.). Master reading pitch, meters, and improve musical hearing and dictation skills.

**Credits:** 3

### **MUSB 002: Introduction to Theory (non-music majors)**

Study of scales, notation, simple rhythms, intervals.

**Credits:** 3

### **MUSB 003: Elem Ear Trng/Sight Singing I**

Develop music reading and hearing skills, with emphasis on diatonic melodic and harmonic dictation. Improve skills in musical perception and realization through focused practice in conceptualizing, audiating, singing, and transcribing pitch and rhythm.

**Credits:** 2

#### **Prerequisites:**

Coreq: MUSB 021, 022.

### **MUSB 003 (I), 004 (II): Elementary Ear Training and Sight Singing I & II**

Development of music reading skills, with emphasis on melodic, rhythmic, and harmonic dictation, and music literature. Coreq: MUSB 021, 022.

**Credits:** 4

### **MUSB 004: Elem Ear Trng/Sight Singing II**

Learn music reading skills, with emphasis on melodic development, rhythmic patterns, and harmonic dictation; study and practice various levels of music literature.

**Credits:** 2

#### **Prerequisites:**

Coreq: MUSB 003

### **MUSB 011: Adv Ear Trng/Sight Singing I**

Develop music reading and hearing skills, with emphasis on increasingly chromatic melodic and harmonic dictation. Improve skills in musical perception and realization through focused practice in conceptualizing, audiating, singing, and transcribing pitch and rhythm.

**Credits:** 2

#### **Prerequisites:**

Coreq.: MUSB 041, 042.

### **MUSB 011 (I), 012 (II): Advanced Ear Training and Sight Singing I & II**

Advanced music reading, emphasizing contemporary literature, and melodic-rhythmic-harmonic dictation. Coreq.: MUSB 041, 042.

**Credits:** 4

**MUSB 012: Adv Ear Trng/Sight Singing II**

Study advanced music reading skills, emphasizing contemporary literature through melodic-rhythmic-harmonic dictation.

**Credits:** 2

**Prerequisites:**

Coreq.: MUSB 041, 042.

**MUSB 016: Keyboard Harmony**

Learn harmonization, transposition, and structured improvisation at the keyboard. Apply the principles of music theory to performance.

**Credits:** 2

**Prerequisites:**

Prerequisites: MUSB 003 and passing grade on Piano Proficiency Exam (MUSE 051).

**MUSB 016/116: Keyboard Harmony & Advanced Keyboard Harmony**

Harmonization, transposition, and improvisation at the keyboard; 116: advanced harmonization, and keyboard improvisation and score reading.

**Credits:** 4

**MUSB 021: Elementary Harmony I**

Learn basic principles of diatonic harmony through melodic harmonizations, creative writing, and analysis. Develop various musical skills to analyze chordal structures, harmonic progressions, and compositional techniques. Explore the elementary concepts of tonal music as expressed in Western music notation. Learn the conventions of notation, widely used musical terminology, figured bass and lead sheet symbols, diatonic triads and seventh chords, cadences, and non-harmonic tones.

**Credits:** 3

**Prerequisites:**

Coreq.: MUSB 003, 004.

**MUSB 021 (I), 022 (II): Elementary Harmony I & II**

Presents basic principles of diatonic harmony through melodic harmonizations, creative writing, and analysis.

Coreq.: MUSB 003, 004.

**Credits:** 6

**MUSB 022: Elementary Harmony II**

Learn advanced principles of diatonic harmony through melodic harmonizations, creative writing, and analysis. Advanced harmonic structures and progressions will be analyzed and applied to a variety of common practice styles. Explore the elementary concepts of tonal music as expressed in Western music notation. Learn the conventions of notation, widely used musical terminology, figured bass and lead sheet symbols, diatonic triads and seventh chords, cadences, non-harmonic tones, applied chords, and modulations to and from closely related keys.

**Credits:** 3

**Prerequisites:**

Coreq.: MUSB 003, 004.

**MUSB 025: Survey of Harmony (Non-Majors)**

Spring. A compressed course covering diatonic and chromatic tonal harmony, 20th century harmonic languages, and popular music harmonic styles. Emphasis placed on developing analytical skills, especially on Musical Theatre majors.

**Credits:** 3

**Prerequisites:**

MUSB 021.

**MUSB 041: Advanced Harmony I**

Study chromatic harmony and melody through harmonization, creative writing, and analysis, along with an introduction to twentieth-century techniques. Explore chromatic harmony in tonal music as expressed in Western music notation. Deepen musical understanding through harmonization, creative writing, and analysis.

**Credits:** 3

**Prerequisites:**

Prereqs.: MUSB 021, MUSB 022. Coreq.: MUSB 011, 012.

**MUSB 041 (I), 042 (II): Advanced Harmony I & II**

Study of chromatic harmony and melody through harmonization, creative writing, and analysis, along with an introduction to twentieth-century techniques

**Credits:** 6

**Prerequisites:**

MUSB 021, MUSB 022. Coreq.: MUSB 011, 012.

**MUSB 042: Advanced Harmony II**

Study advanced chromatic harmony and melodic development through harmonization, compositions, and analysis; Examine Twentieth-century techniques and how they apply to repertoire in solo, chamber, and ensemble works.

**Credits:** 3

**Prerequisites:**

Prereqs.: MUSB 021, MUSB 022. Coreq.: MUSB 011, 012.

**MUSB 043: Counterpoint**

Learn the study of voice leading via the species approach. Emphasis on a thorough understanding of composing independent melodic lines to create musical works. Contrapuntal techniques can be used to create Art and contemporary music. Learn several historical models of linear composition and apply those principles to creative work. Examine and compose increasingly complex multi-voice compositions culminating in inventions and fugues.

**Credits:** 3

**Prerequisites:**

Pre-requisite: MUSB 042

**MUSB 085: Sophomore Junior Honors**

Study under direct supervision on a topic chosen in conjunction with an appropriate faculty supervisor. Conduct in-depth study of a topic chosen in conjunction with a faculty supervisor. Meet weekly to receive instruction and guidance, leading to the completion of a substantial research or performance project.

**Credits:** 1

**MUSB 089: Direct Reading Honors Jr.**

Study under direct supervision on a topic chosen in conjunction with an appropriate faculty supervisor. Conduct in-depth study of a topic chosen in conjunction with a faculty supervisor. Meet weekly to receive instruction and guidance, leading to the completion of a substantial research or performance project.

**Credits:** 1

**MUSB 093: Senior Honors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**MUSB 103: Orchestration**

Explore instrumentation and scoring for large and small ensembles; examine traditional techniques to compose music for chamber groups, film scoring, video games, etc. Learn how to write for instruments of the Western classical orchestra, both solo and in various combinations. Compose new music and/or arrange existing works for chamber ensembles and full orchestra.

**Credits:** 3

**Prerequisites:**

MUSB 042

**MUSB 104: Advanced Orchestration**

Instrumentation and scoring for band and smaller ensembles, including jazz and pop idioms

**Credits:** 3

**Prerequisites:**

MUSB 103.

**MUSB 124: Form and Analysis**

Develop fluency in analyzing music using approaches based in, but largely separate from, the techniques studied in previous semesters of music theory. Distinguish between several schools of compositional practice and demonstrate expertise in applying the appropriate theoretical tools to each.

**Credits:** 3

**Prerequisites:**

Pre-requisite: MUSB 042

**MUSB 125: Advanced Analysis**

Study advanced harmonic vocabulary, develop advanced four-part writing techniques; Examine other music concepts such as figured bass, melodic development, and score analysis. Development of these music concepts will be applied to compositional activities. Develop fluency in analyzing music using approaches based in, but largely separate from, the techniques studied in previous semesters of music theory. Distinguish between several schools of compositional practice and demonstrate expertise in applying the appropriate theoretical tools to each.

**Credits:** 3

**Prerequisites:**

Continuation of MUSB 124 for Composition majors.

**MUSB 151: Composition I**

Learn advanced compositional techniques generally applied in small musical forms (binary, ternary, etc.) for instrumental development; examine various forms for melodic, harmonic, and rhythmic development. Compose music for small ensembles under individual weekly guidance from a faculty mentor.

**Credits:** 3

**Prerequisites:**

Prerequisite: MUSB 042. Continuation of MUSB 151

**MUSB 151, 152: Composition**

Consists of writing in small forms for simple instrumental combinations.

**Credits:** 3

**Prerequisites:**

MUSB 042.

### **MUSB 152: Composition II**

Study compositional techniques associated with small musical forms (binary, ternary, etc.); examine various forms for melodic, harmonic, and rhythmic development thorough instrumental works. Compose music for small ensembles under individual weekly guidance from a faculty mentor.

**Credits:** 3

**Prerequisites:**

Prerequisite: MUSB 042.

### **MUSB 153: Composition III**

Explore your composing skills through creating short works while studying great composers pieces. Develop musical ideas through melodic and harmonic development, phrase structures, textural and expression concepts. Compose music for a range of ensembles and media under individual weekly guidance from a faculty mentor.

**Credits:** 3

**Prerequisites:**

Continuation and intensification of MUSB 152. Prereqs.: MUSB 151, 152.

### **MUSB 153, 154: Composition**

Continuation and intensification of MUSB 152

**Credits:** 3

**Prerequisites:**

MUSB 151, 152.

### **MUSB 154: Composition IV**

Study the evolution of contemporary art music in the twentieth century. Examine compositional techniques applied to various works from major composers. Gain an understanding of modern compositional writing for art music and various musical styles. Explore compositional ideas for tonal and atonal music. Compose music for a range of ensembles and media under individual weekly guidance from a faculty mentor.

**Credits:** 3

**Prerequisites:**

Continuation of MUSB 153.

### **MUSB 207: Individual Research**

Study an indepth topic chosen in conjunction with a faculty supervisor. Understand how to complete substantial research or performance project directed by a member of the faculty in weekly meetings.

**Credits:** 3

**Prerequisites:**

Permission of faculty member.

## **MUSO - Guitar**

### **MUSO 001: Guitar Class-Non-major**

Learn guitar playing, including technical proficiency, musical interpretation, and historical contex in private lessons for non-music major. Understand the fundamental skills required to play the instrument. Explore a range of repertoire from different periods and styles.

**Credits:** 1

**Prerequisites:**

Permission of coordinator/instructor required.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression



**MUSO 100: Guitar Instruction**

Learn guitar playing, including technical proficiency, musical interpretation, and historical context in private sessions. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 105: Non-Major Guitar Class**

ea. Group instruction for non-music majors in music fundamentals, basic playing techniques, and repertoire of popular and classical music.

**Credits:** 1

**Prerequisites:**

Student must supply own guitar.

**MUSO 110: Guitar Class Therapy**

Learn clinical guitar skills for the music therapy student with little or no guitar playing experience. A comprehensive understanding of guitar playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 111: Guitar Minor I**

Study guitar in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 111, 112: Guitar Minor**

Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**MUSO 112: Guitar Minor II**

Study guitar in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 121: Guitar Minor III**

Study guitar in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**Prerequisites:**

MUSO 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 121, 122: Guitar Minor**

Continuation of MUSO 111, 112 with moveable altered scales, arpeggi, and chord forms

**Credits:** 2

**Prerequisites:**

MUSO 111, 112 or consent of instructor.

**MUSO 122: Guitar Minor IV**

Study guitar in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**Prerequisites:**

MUSO 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 131: Guitar Minor V**

Study guitar in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**Prerequisites:**

MUSO 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 131, 132: Guitar Minor**

Continuation of MUSO 121, 122

**Credits:** 2

**Prerequisites:**

MUSO 121, 122, or consent of instructor.

**MUSO 132: Guitar Minor VI**

Study guitar in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**Prerequisites:**

MUSO 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 141: Guitar Minor VII**

Study guitar in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Open position major and minor scales, arpeggi, and chords; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 2

**Prerequisites:**

MUSO 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSO 141, 142: Guitar Minor**

Continuation of MUSO 131, 132 with preparation for graduating recital

**Credits:** 2

**Prerequisites:**

MUSO 131, 132 or permission of instructor.

**MUSO 211, 212: Guitar Major**

Scales, arpeggios, and chord forms; slurs and left hand development exercises; etudes and solos in various styles.

**Credits:** 4

**MUSO 221, 222: Guitar Major**

Continuation of MUSO 211, 212 with addition of ensemble works utilizing accompaniment techniques and preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUSO 211, 212 or consent of instructor.

**MUSO 231, 232: Guitar Major**

Continuation of MUSO 221, 222 with addition of mixed ensemble works in which guitar is featured

**Credits:** 4

**Prerequisites:**

MUSO 221, 222 or consent of instructor.

**MUSO 241, 242: Guitar Major**

Continuation of MUSO 231, 232 with addition of a guitar concerto and preparation for the senior recital

**Credits:** 4

**Prerequisites:**

MUSO 231, 232 or consent of instructor.

## MUTF - Guitar Ensemble

**MUTF 111: Guitar Ensemble I**

Composing, arranging, sight-reading, and performing guitar ensemble music. Performance Instrumental Ensemble: Perform contemporary and standard guitar repertoire, with emphasis given to sight reading, interpretation, and musicianship. Study and perform a variety of literature in an ensemble setting.

**Credits:** 1

**MUTF 111, 112: Guitar Ensemble**

ea. Composing, arranging, sight-reading, and performing guitar ensemble music.

**Credits:** 1

**Prerequisites:**

consent of instructor.

**MUTF 112: Guitar Ensemble II**

Composing, arranging, sight-reading, and performing guitar ensemble music. Instrumental Ensemble for the study and performance of guitar literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**MUTF 121: Guitar Ensemble III**

Composing, arranging, sight-reading, and performing guitar ensemble music. Instrumental Ensemble for the study and performance of guitar literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**MUTF 121, 122: Guitar Ensemble**

ea. Continuation of MUTF 111, 112.

**Credits:** 1

**Prerequisites:**

MUTF 111, 112 or consent of instructor.

**MUTF 131, 132: Guitar Ensemble**

ea. Continuation of MUTF 121, 122

**Credits:** 1

**Prerequisites:**

MUTF 121, 122 or consent of instructor.

**MUTF 141, 142: Guitar Ensemble**

ea. Continuation of MUTF 131, 132

**Credits:** 1

**Prerequisites:**

MUTF- 131, 132 or consent of instructor.

## MUTR - Harp

**MUTR 100: Harp Instruction. Private lessons for non-music majors**

Permission of coordinator/instructor.

**Credits:** 1

**MUTR 111, 112: Harp Minor**

Consists of major and minor scales and arpeggios, tonal production, and etudes and solos in all styles.

**Credits:** 2

**MUTR 121, 122: Harp Minor**

Continuation of MUTR 111, 112

**Credits:** 2

**Prerequisites:**

MUTR 111, 121, or consent of instructor.

**MUTR 131, 135: Harp Minor**

Continuation of MUTR 121, 122

**Credits:** 2

**Prerequisites:**

MUTR 121, 122, or consent of instructor.

**MUTR 141, 142: Harp Minor**

Continuation of MUTR 131, 132. Preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUTR 131, 132, or consent of instructor.

## MUSK - Instrument Repair

**MUSK 011, 012: Instrument Repair**

ea. Teaches basic skills of instrument repair.

**Credits:** 1

**MUSK 021, 022: Instrument Repair**

ea. Continuation of MUSK 011, 012

**Credits:** 1

**Prerequisites:**

MUSK 011, 012, or consent of instructor.

**MUSK 031, 032: Instrument Repair**

ea. Continuation of MUSK 021, 022

**Credits:** 1

**Prerequisites:**

MUSK 021, 022, or consent of instructor.

**MUSK 041, 042: Instrument Repair**

ea. Continuation of MUSK 031, 032

**Credits:** 1

**Prerequisites:**

MUSK 031, 032, or consent of instructor.

**MUSK 111, 112: Piano Technology: Lecture and Practicum**

ea. Analysis of the acoustical construction of the piano and mechanical functions, with concentration on maintenance and repair.

**Credits:** 1

**Prerequisites:**

Junior classification.

**MUSK 121, 122: Piano Technology: Lecture and Practicum**

ea. Continuation of MUSK 111, 112.

**Credits:** 1

**Prerequisites:**

MUSK 112.

## MUSD - Instrumental

**MUSD 005: Instrumental Survey**

Study instrumental pedagogy, as well as a high level of practical skill and theoretical knowledge in teaching instrumental music. Spring semester only. Spring semester only.

**Credits:** 3

**MUSD 006: Music Education Guitar Class**

Study the fundamentals of teaching guitar, including pedagogical approaches, assessment strategies, and curriculum design. Explore a range of topics related to instrumental pedagogy, such as lesson planning, repertoire selection, and instrument-specific techniques. Required of all Music Education majors.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**MUSD 007: Marching Band Technique**

Provides guidelines for administration and supervision; explores a variety of rehearsal and performance techniques for marching band in an educational setting. Spring semester only.

**Credits:** 3

**MUSD 013: Woodwind Instruments I**

Learn about the fundamentals of teaching upper woodwind instruments (flute and clarinet), including pedagogical approaches, assessment strategies, and curriculum design. Explore a range of topics related to instrumental pedagogy, such as lesson planning, repertoire selection, and instrument-specific techniques.

**Credits:** 1

**MUSD 014: Woodwind Instruments II**

Study about the fundamentals of teaching double reed woodwind instruments (oboe and bassoon), including pedagogical approaches, assessment strategies, and curriculum design. Explore a range of topics related to instrumental pedagogy, such as lesson planning, repertoire selection, and instrument-specific techniques.

**Credits:** 1

**Prerequisites:**

Prerequisite: MUSD 013 or consent of instructor.

**MUSD 015: String Instruments I**

Learn about the fundamentals of teaching upper string instruments (violin and viola), including pedagogical approaches, assessment strategies, and curriculum design. Explore a range of topics related to instrumental pedagogy, such as lesson planning, repertoire selection, and instrument-specific techniques.

**Credits:** 1

**MUSD 016: String Instruments II**

Study about the fundamentals of teaching lower string instruments (cello and bass), including pedagogical approaches, assessment strategies, and curriculum design. Explore a range of topics related to instrumental pedagogy, such as lesson planning, repertoire selection, and instrument-specific techniques.

**Credits:** 1

**Prerequisites:**

Prerequisite: MUSD 015 or consent of instructor.

**MUSD 017: Brass Instruments I**

Study the fundamentals of teaching brass instruments (trumpet, horn, baritone, trombone, tuba), including pedagogical approaches, assessment strategies, and curriculum design. Explore a range of topics related to instrumental pedagogy, such as lesson planning, repertoire selection, and instrument-specific techniques.

Spring semester only.

**Credits:** 2

**MUSD 019: Percussion Instruments**

Study the fundamentals of teaching percussion instruments (snare, timpani, marimba, etc), including pedagogical approaches, assessment strategies, and curriculum design. Explore a range of topics related to instrumental pedagogy, such as lesson planning, repertoire selection, and instrument-specific techniques.

**Credits:** 1

**MUSD 021: Instrumental Pedagogy**

Learn the history, function, and advanced teaching techniques of the various instruments.

**Credits:** 3

**Prerequisites:**

Must also be enrolled in MUxx Instrumental Major private instruction courses as a BM in Performance major.

Prerequisite: at least 4 semesters of major level private instruction.

**MUSD 051: Elementary Choral Conducting**

Learn about the fundamentals of conducting, including beat patterns, cueing, and expressive gestures. They will also explore a range of topics related to choral music, such as score analysis, rehearsal techniques, and performance preparation. Fall semester only.

**Credits:** 3

**MUSD 052: Advanced Choral Conducting**

Advanced techniques of choral conducting, style and interpretation, and survey of choral literature and major composers.

**Credits:** 3

**Prerequisites:**

MUSD 051 or consent of instructor. Spring semester only.

**MUSD 053: Music in the Elementary School**

Learn various approaches and strategies necessary to teach elementary music effectively. Gain knowledge and skills to teach music to young learners in a variety of settings, from elementary schools to community music programs.

**Credits:** 3

**Prerequisites:**

Consent of instructor. Fall semester only.

**MUSD 054: Music in the Secondary Schools**

Study the skills necessary to teach music to middle and high school students. Understand the application of adolescent and educational psychology principles.

**Credits:** 3

**Prerequisites:**

Education 145-005, 145-029; Theory MUSB 116, MUSB 016, MUSB 042; Music Literature MUSC 008; and Music Education MUSD 053 for all except Instrumental Minors. Spring semester only.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**MUSD 057: Teaching & Supv of Instr Music**

Develop pedagogical approaches and strategies needed to effectively teach various ensembles of varying levels and sizes. Explore topics such as ensemble building, leadership, and communication. Various approaches including rehearsal techniques, score analysis, repertoire selection, and assessment strategies.

**Credits:** 3

**Prerequisites:**

MUSD 013, 015, 016, 017, 018, 019, 054.

**MUSD 058: Instrumental Conducting**

Study the skills and knowledge necessary to conduct a variety of instrumental ensembles, including orchestras, wind bands, and chamber groups. Studying rehearsal techniques, special problems, and literature for secondary schools

**Credits:** 3

**Prerequisites:**

Instrumental Minor and MUSD 051.

**MUSD 120: Contemp Trends in Music Educ**

Examine current research, theories, and practices related to teaching and learning music in diverse settings. Required of all Music Education majors.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**MUSD 120, 121: Contemporary Trends in Music Educatio**

Modular courses in current approaches to music, teaching and learning. Required of all Music Education majors.

**Credits:** 1

**MUSD 121: Contemp Trends in Music Educ**

Learn to analyze current trends in music education research, pedagogy, and curriculum development. Modular courses in current approaches to music, teaching and learning.

**Credits:** 1

**Prerequisites:**

Music Education majors.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**MUSD 145-135: Student Teaching**

Observation, seminars, and supervised teaching in accredited elementary and secondary schools

**Credits:** 9

**Prerequisites:**

Senior standing, completion of requirements with a cumulative 2.70 average in Music Education and Education and approved application form.

**MUSD 150: Independent Study in Music Ed**

Individual projects approved by Music Education faculty and an assigned instructor.

**Credits:** 3

**MUSD 250: Ind Study Music Educ**

**Credits:** 3

**MUSD 258: Foundation- Music Ed (GRAD)**

Orientation for students considering music teaching as a career. Course will survey the history of music education and inclusion in the public schools while including the philosophic, political, and social foundations of teaching music in the public schools.

**Credits:** 3

## MUSC - Literature

**MUSC 005: Music Literature to 1600**

Examines concepts, definitions, musical literature, trends, performance practices, and composers from antiquity to 1600.

**Credits:** 3

**MUSC 006: Music Literature of the Baroque and Classical Periods**

Study of symphony, chamber music, opera, and other forms from 1600 to 1830.

**Credits:** 3

**Prerequisites:**

MUSC 005.

**MUSC 007: Music Literature of the Nineteenth and Twentieth Centuries**

Analyzes styles, composers, and techniques from 1830 to the present.

**Credits:** 3

**Prerequisites:**

MUSC 006.



**MUSC 008: African & Afro-Amer Music Lit**

Study traditional African music and American music influenced by the African idiom. Examine the cultural and musical advancements from slavery to popular sounds. Gain an understanding of how African-American music has shaped and impacted other musical styles and genres.

**Credits:** 3

**Prerequisites:**

Prerequisite: MUSC 007.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSC 009: Intro. to Ethnomusicology**

Study the history, philosophy, performance practice, major personalities and social significance of the culturally reflective discipline known as ethnomusicology. Learn investigative techniques into human cultures as well as into the physical and natural world and the resulting cultural product that is music. Understand and hone intellectual and practical skills through analytical and interpretive modalities. Learn both integrative and applied learning outcomes from the exploration of global perspectives inherent in ethnomusicological research.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSC 010: Music History I**

Explores concepts, definitions, musical literature, trends, performance practices, and composers from antiquity to 1680.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**MUSC 011: Music History II**

Explore the symphony, chamber music, opera, and other forms from 1680 to 1880. It exposes students to core aesthetic concepts and musical repertoire from notated European and North American traditions.

**Credits:** 3

**Prerequisites:**

Music Majors Only

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSC 012: Music History III**

Analyzes styles, composers, and techniques from 1880 to the present.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**MUSC 016: Dramatic Music**

Examine dramatic forms in music as the cantata, passion, oratorio, opera, and musical theater.

**Credits:** 3

**Prerequisites:**

Prerequisite: MUSC 008.

**MUSC 100: Introduction to Music**

Learn styles and aesthetics of western music; fosters an enthusiasm for listening to music. Develop an aesthetic awareness of various musical genres from periods ranging from the medieval to contemporary.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**MUSC 101: Music Literature of the Eighteenth Century**

Examines changes from baroque to classical ideals, including the works of Bach, Handel, Haydn, Mozart, and Beethoven.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 102: Music Literature of the Nineteenth Century**

Study of romanticism, beginning with the mature Beethoven.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 103: The Symphony**

Presents the origins and development of the symphony and related forms, including an intensive study of scores.

**Credits:** 3

**Prerequisites:**

MUSC 007.

**MUSC 104: Chamber Music**

Deals with string quartet literature and its antecedents, along with other chamber music forms from Haydn to Bartok.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 105: Choral Music**

Treats the emergence and growth of choral music and such related forms as the chanson and madrigal, with emphasis on the Afro-American contribution.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 106: Dramatic Music**

Covers such dramatic forms in music as the cantata, passion, oratorio, opera, and musical theater.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 110: Global Popular Music**

Study a wide range of popular music from around the world and to explore basic research practices of ethnomusicology and popular music scholarship.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #5: Social Responsibility and Knowledge of Political Institutions

**MUSC 125: Introduction to African Music**

Presents African life and culture with music as a focal point. No previous music training required.

**Credits:** 3

**MUSC 155: Style Criteria**

Examines styles, composition techniques, and performance standards of Western music from the seventeenth to the twentieth centuries.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 156: Music Literature of the Twentieth Century**

Treats techniques and trends from 1900 to the present, with special lectures and demonstrations by Composition faculty members.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 161, 162: Senior Seminar**

Research projects assigned to seniors. Each student must complete one research project on an Afro-American subject.

**Credits:** 3

**MUSC 201: Senior Thesis**

Study and produce independent research under the guidance of a faculty advisor. Explore opportunities to write a lengthy researched essay on a music topic or creative work.

**Credits:** 1

**MUSC 204: Chamber Music**

Deals with string quartet literature and its antecedents, along with other chamber music forms from Haydn to Bartok. (Graduate).

**Credits:** 3

**MUSC 207: Individual Research**

Explore a research topic in music literature in discussion with a faculty member.

**Credits:** 3

**Prerequisites:**

Permission of faculty member.

**MUSC 221, 222: Vocal Literature**

Study of music for solo voice from its beginnings to present, with consideration of literature for the voice teacher.

**Credits:** 3

**Prerequisites:**

MUSC 008.

**MUSC 307: Individual Research Music Lit**

Explore an advanced research topic in music literature in discussion with a faculty member.

**Credits:** 3

**Prerequisites:**

Permission of faculty member.

# MUTH - Marching Band

## **MUTH 011, 012: Marching Band**

ea. Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students.

**Credits:** 1-0

## **MUTH 021, 022: Marching Band**

ea. Continuation of MUTH 011, 012

**Credits:** 1-0

### **Prerequisites:**

MUTH 011, 012, or consent of instructor.

## **MUTH 031, 032: Marching Band**

ea. Continuation of MUTH 021, 022

**Credits:** 1-0

### **Prerequisites:**

MUTH 021, 022, or consent of instructor.

## **MUTH 041, 042: Marching Band**

ea. Continuation of MUTH 031, 032

**Credits:** 1-0

### **Prerequisites:**

MUTH 031, 032, or consent of instructor.

## **MUTH 111: Concert Band I**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

### **Prerequisites:**

Audition required

## **MUTH 111, 112: Concert Band I,II**

The Concert Band is a course where students with previous musical experience can continue basic fundamentals of music performance methods through performance of a band instrument.

**Credits:** 1

## **MUTH 112: Concert Band II**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

### **Prerequisites:**

Continuation of MUTH 111

**MUTH 121: Concert Band III**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTH 111, 112

**MUTH 121, 122: Concert Band III, IV**

ea. Continuation of MUTH 111, 112

**Credits:** 1

**Prerequisites:**

MUTH 111, 112, or consent of instructor.

**MUTH 122: Concert Band IV**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTH 111, 112

**MUTH 131: Concert Band V**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

**Prerequisites:**

Audition Required; Continuation of MUTH 121, 122

**MUTH 131, 132: Concert Band V, VI**

ea. Continuation of MUTH 121, 122

**Credits:** 1

**Prerequisites:**

MUTH 121, 122, or consent of instructor.

**MUTH 132: Concert Band VI**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

**Prerequisites:**

Audition Required; Continuation of MUTH 121, 122

**MUTH 141: Concert Band VII**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

**Prerequisites:**

Audition Required; Continuation of MUTH 131, 132

**MUTH 141, 142: Concert Band VII, VIII**

ea. Continuation of MUTH 131, 132

**Credits:** 1

**Prerequisites:**

MUTH 131, 132, or consent of instructor.

**MUTH 142: Concert Band VIII**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of concert band pieces, including classical, march, and contemporary repertoire, from composers such as Sousa, Holst, and Williams.

**Credits:** 1

**Prerequisites:**

Audition Required; Continuation of MUTH 131, 132

## MUTU - Oboe

**MUTU 100: Oboe Instruction I**

Private lessons to non-music major. A comprehensive understanding of oboe playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**MUTU 101: Oboe Instruction II**

Private lessons to non-music major. A comprehensive understanding of oboe playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTU 111: Oboe Minor I**

Individual Instruction: Study oboe in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUTU 111, 112: Oboe Minor**

Consists of major and minor scales and arpeggios, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUTU 112: Oboe Minor II**

Individual Instruction: Study oboe in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUTU 121: Oboe Minor III**

Individual Instruction: Study oboe in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUTU 121, 122: Oboe Minor**

Continuation of MUTU 111, 112

**Credits:** 2

**Prerequisites:**

MUTU 111, 112 or consent of instructor.

**MUTU 122: Oboe Minor IV**

Individual Instruction: Study oboe in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUTU 131, 132: Oboe Minor**

Continuation of MUTU 121, 122

**Credits:** 2

**Prerequisites:**

MUTU 121, 122 or consent of instructor.

**MUTU 141, 142: Oboe Minor**

Continuation of MUTU 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUTU 131, 132 or consent of instructor.

**MUTU 211, 212: Oboe Major**

Includes major and minor scales and arpeggios, along with etudes and solos in all styles.

**Credits:** 4

**MUTU 221, 222: Oboe Major**

Continuation of MUTU 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUTU 211, 212 or consent of instructor.

**MUTU 231, 232: Oboe Major**

Continuation of MUTU 221, 222

**Credits:** 4

**Prerequisites:**

MUTU 221, 222 or consent of instructor.

## MUTJ - Orchestra

**MUTJ 011: Orchestra I**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTJ 012: Orchestra II**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTJ 011

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTJ 021: Orchestra III**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTJ 011, 012

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTJ 021, 022: Orchestra**

ea. Continuation of MUTJ 011, 012

**Credits:** 1

**Prerequisites:**

MUTJ 011, 012, or consent of instructor.



**MUTJ 022: Orchestra IV**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTJ 011, 012

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTJ 031: Orchestra V**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTJ 021, 022

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTJ 031, 032: Orchestra**

ea. Continuation of MUTJ 021, 022

**Credits:** 1

**Prerequisites:**

MUTJ 021, 022, or consent of instructor.

**MUTJ 032: Orchestra VI**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition Required; Continuation of MUTH 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTJ 041: Orchestra VII**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTJ 031, 032

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTJ 041, 042: Orchestra**

ea. Continuation of MUTJ 031, 032

**Credits:** 1

**Prerequisites:**

MUTJ 031, 032, or consent of instructor.

### **MUTJ 042: Orchestra VIII**

Performance Instrumental Ensemble: Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Develop individual techniques, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression. A variety of orchestral pieces, including classical and contemporary repertoire.

**Credits:** 1

**Prerequisites:**

Audition Required; Continuation of MUTH 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## MUSX - Percussion Ensemble

### **MUSX 011: Percussion Ensemble I**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

### **MUSX 011, 012: Percussion Ensemble**

ea. Consists of reading and performance of literature for percussion.

**Credits:** 1

### **MUSX 012: Percussion Ensemble II**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

### **MUSX 021: Percussion Ensemble III**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

### **MUSX 021, 022: Percussion Ensemble**

ea. Continuation of MUSX 011, 012

**Credits:** 1

**Prerequisites:**

MUSX 011, 012, or consent of instructor.

### **MUSX 022: Percussion Ensemble IV**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

### **MUSX 031: Percussion Ensemble V**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**MUSX 031, 032: Percussion Ensemble**

ea. Continuation of MUSX 021, 022

**Credits:** 1

**Prerequisites:**

MUSX 021, 022, or consent of instructor.

**MUSX 041, 042: Percussion Ensemble**

ea. Continuation of MUSX 031, 032

**Credits:** 1

**Prerequisites:**

MUSX 031, 032, or consent of instructor.

## MUSW - Percussion Major

**MUSW 100: Percussion Instruction**

Private lessons to non-music major. A comprehensive understanding of percussion playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 111: Percussion Minor I**

Individual Instruction: Study percussion instruments in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 111, 112: Percussion Minor**

Instruction in major and minor scales and arpeggi, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUSW 112: Percussion Minor II**

Individual Instruction: Study percussion instruments in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 121: Percussion Minor III**

Individual Instruction: Study percussion instruments in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSW 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 121, 122: Percussion Minor**

Continuation of MUSW 111, 112

**Credits:** 2

**Prerequisites:**

MUSW 111, 112, or consent of instructor.

**MUSW 122: Percussion Minor IV**

Individual Instruction: Study percussion instruments in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSW 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 131: Percussion Minor V**

Continuation of MUSW 121, 122

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 131, 132: Percussion Minor**

Continuation of MUSW 121, 122

**Credits:** 2

**Prerequisites:**

MUSW 121, 122, or consent of instructor.

**MUSW 132: Percussion Minor VI**

Continuation of MUSW 121, 122

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 141: Percussion Minor VII**

Individual Instruction: Study percussion instruments in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSW 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 141, 142: Percussion Minor**

Continuation of MUSW 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUSW 131, 132, or consent of instructor.

**MUSW 142: Percussion Minor VIII**

Individual Instruction: Study percussion instruments in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSW 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSW 151, 152: Percussion Minor**

Continuation of MUSW 141, 142

**Credits:** 2

**Prerequisites:**

MUSW 141, 142 or consent of instructor.

**MUSW 211, 212: Percussion Major**

Includes major and minor scales and arpeggi, along with etudes and solos in all styles.

**Credits:** 4

**MUSW 221, 222: Percussion Major**

Continuation of MUSW 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUSW 211, 212, or consent of instructor.

**MUSW 231, 232: Percussion Major**

Continuation of MUSW 221, 222

**Credits:** 4

**Prerequisites:**

MUSW 221, 222, or consent of instructor.

**MUSW 241, 242: Percussion Major**

Continuation of MUSW 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUSW 231, 232, or consent of instructor.

## MUSE - Piano

**MUSE 001: Piano for Non-majors I**

Learn piano playing, including technical proficiency, musical interpretation, and historical context as a non-major. Understand the fundamental skills required to play the instrument, as well as explore a range of repertoire from different periods and styles. Course can be repeated.

**Credits:** 1

**Prerequisites:**

Permission of coordinator/instructor required.

**MUSE 002: Piano for Non-majors II**

Study major and minor scales, chords, transposition, and harmonization for students with minimal background in piano. Continue developing technical proficiency, musical interpretation, and historical context as a non-major. Understand the fundamental skills required to play the instrument, as well as explore a range of repertoire from different periods and styles

**Credits:** 1

**Prerequisites:**

Continuation of MUSE 001

**MUSE 003: Fundamentals of Piano**

Learn how to play the piano. Learn technical proficiency, musical interpretation, and historical context.

**Credits:** 0-1

**Prerequisites:**

Non-music major

**MUSE 011: Functional Piano I**

Learn the fundamental skills required to play the piano, as well as explore a range of repertoire from different periods and styles. Scales, chords, arpeggios, transposition, and harmonization with minimal background in piano.

**Credits:** 1

**MUSE 011, 012: Functional Piano I & II**

ea. Scales, chords, arpeggios, transposition, and harmonization for students with minimal background in piano.

**Credits:** 2

**MUSE 012: Functional Piano II**

Learn fundamental piano skills required to play solo pieces. Study and expand repertoire from different periods and styles demonstrated in Functional Piano 1. Continued study of advanced, scales, chords, and arpeggios.

**Credits:** 1

**Prerequisites:**

Continuation of MUSE 011, 012. Preparation for the proficiency examination

**MUSE 021: Functional Piano III**

Learn piano skills required to play solo and duet pieces. Study and expand repertoire from different periods and styles demonstrated in Functional Piano 2. Study harmonic and piano patterns for various musical works.

**Credits:** 1

**MUSE 021, 022: Functional Piano III & IV**

ea. Continuation of MUSE 011, 012. Preparation for the proficiency examination

**Credits:** 2

**Prerequisites:**

MUSE 011, 012, or consent of instructor.

**MUSE 022: Functional Piano IV**

Learn to master piano skills required to play solo and duet pieces. Study and expand advanced repertoire from different periods and styles demonstrated in Functional Piano 3. Study harmonic and piano patterns for various musical works.

**Credits:** 1

**Prerequisites:**

Continuation of MUSE 011, 012. Preparation for the proficiency examination

**MUSE 031: Functional Piano V**

Learn to master advanced piano skills required to play solo pieces. Study and expand advanced repertoire from different periods and styles. Explore advanced technique for playing the piano. Study melodic and harmonic patterns in various musical works.

**Credits:** 1

**Prerequisites:**

Continuation of MUSE 021, 022. Preparation for the proficiency examination

**MUSE 031, 032: Functional Piano**

ea. Continuation of MUSE 021, 022. Preparation for the proficiency examination

**Credits:** 1

**Prerequisites:**

MUSE 021, 022.

**MUSE 041, 042: Functional Piano**

ea. Continuation of MUSE 031, 032. Preparation for the Proficiency Exam. Prereqs. MUSE 031,032.

**Credits:** 1

**MUSE 051: Piano Proficiency Exam**

Required of all UG music majors when piano is not the main performance area. Examination must be passed before Senior status is awarded.

**Credits:** 0

**Prerequisites:**

MUSE 011- 022 Functional Piano I-IV are recommended before taking the exam.

**MUSE 100: Piano Musical Theatre**

Class lessons to non-music major. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**MUSE 100 and 101: Beginning Piano for Non-Music Majors**

ea. Class lessons to non-music major. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**MUSE 101: Piano Music Theatre II**

Learn piano music related to musical productions. Course can be repeated.

**Credits:** 1

**Prerequisites:**

Permission of coordinator/instructor required

**MUSE 102 and 103: Beginning Piano for Non-Music Majors**

ea. Class lessons for non-music majors.

**Credits:** 1

**Prerequisites:**

Permission of instructor or MUSE 100, 111. Course can be repeated.

**MUSE 105: Piano Instruction I**

Private lessons to non-music major. A comprehensive understanding of piano playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**MUSE 106: Piano Instruction II**

Private lessons to non-music major. A comprehensive understanding of piano playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**MUSE 107: Piano Instruction III**

Private lessons to non-music major. A comprehensive understanding of piano playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**MUSE 108: Piano Instruction IV**

Private lessons to non-music major. A comprehensive understanding of piano playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**MUSE 110: Functional Piano I/ Music Ther**

Learn the skills and repertoire for leading and accompanying vocal and instrumental activities in the music therapy setting.

**Credits:** 1

**MUSE 111: Piano Minor I**

Study a broad range of pieces in piano studies with individual instruction. Explore history and theory as it relates to the piano. Study the basic principles of piano playing, including scales, arpeggios, easy etudes, and Bach. Performer musical works of great composers from the Baroque period to the 20th century

**Credits:** 2

**MUSE 111, 112: Piano Minor I & II**

Study of the basic principles of piano playing, including scales, arpeggios, easy etudes, and Bach.

**Credits:** 4

**MUSE 112: Piano Minor II**

Study various scales, arpeggios, etudes, and Bach with individual instruction. Perform musical works of great composers from the Baroque period to the 20th century

**Credits:** 2

**Prerequisites:**

Continuation of MUSE 111.

**MUSE 113: Individual Study**

Study piano pieces selected by the faculty. Understand topics related to music performance, music history, and music theory.

**Credits:** 1

**MUSE 120: Funtional Piano II (Therapy)**

Study scales, arpeggios (four octaves), Bach short works, sonatinas, and selected Romantic and Modern works.

**Credits:** 1

**Prerequisites:**

Continuation of MUSE 110.



**MUSE 121: Piano Minor III**

Study scales, arpeggios (four octaves), Bach short works, sonatinas, and selected Romantic and Modern works with individual instruction.

**Credits:** 2

**Prerequisites:**

Prereqs.: MUSE 111, 112, or consent of instructor.

**MUSE 121, 122: Piano Minor III & IV**

Includes scales, arpeggios (four octaves), Bach's "Little Preludes," sonatinas, and selected compositions from the Romantic and Modern eras. Prereqs. MUSE 111, 112, or consent of instructor.

**Credits:** 4

**MUSE 122: Piano Minor IV**

Study technical work with Czerny Opus 299; Bach Two-and Three-Part Inventions, Haydn sonatas, selected Romantic works.

**Credits:** 2

**Prerequisites:**

Continuation of MUSE 121.

**MUSE 130: Functional Piano III Therapy**

A comprehensive understanding of piano playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**MUSE 131: Piano Minor V**

Learn analytical and historical study of piano solo and repertoire for keyboard literature. Study selected works from the Baroque to 21st century based on technical abilities.

**Credits:** 2

**Prerequisites:**

Prereqs.: MUSE 121, 122, or consent of instructor.

**MUSE 131, 132: Piano Minor**

Continuation of technical work with Czerny's Opus 299; Bach's Two-Part Inventions, and Haydn's sonatas.

Prereqs. MUSE 121, 122, or consent of instructor.

**Credits:** 2

**MUSE 132: Piano Minor VI**

Learn analytical and historical study of piano solo and repertoire for keyboard literature. Study selected works from the Baroque to 21st century based on technical abilities.

**Credits:** 2

**Prerequisites:**

Prereqs.: MUSE 121, 122, or consent of instructor.

**MUSE 140: Functional Piano IV Music Ther**

Study scales, arpeggios (four octaves), Bach short works, sonatinas, and selected Romantic and Modern works.

**Credits:** 1

**Prerequisites:**

Continuation of MUSE 130.

**MUSE 141: Piano Minor VII**

Learn analytical and historical study of piano solo and repertoire for keyboard literature. Study selected works from the Baroque to 21st century based on technical abilities.

**Credits:** 2

**Prerequisites:**

Prereqs.: MUSE 131, 132, or consent of instructor.

**MUSE 141, 142: Piano Minor**

Expansion of technical work, including Bach's WTC, sonatas of Mozart and Haydn, and selected Romantic and Contemporary works. Recital required

**Credits:** 2

**Prerequisites:**

MUSE 131, 132, or consent of instructor.

**MUSE 142: Piano Minor VIII**

Learn analytical and historical study of piano solo and repertoire for keyboard literature. Study selected works from the Baroque to 21st century based on technical abilities.

**Credits:** 2

**MUSE 151: Piano Minor IX**

Learn analytical and historical study of piano solo and repertoire for keyboard literature. Study selected works from the Baroque to 21st century based on technical abilities.

**Credits:** 2

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**MUSE 151, 152: Piano Minor**

Further expansion of technical work, including Bach's WTC sonatas, Romantic and Modern compositions. Recital required

**Credits:** 2

**Prerequisites:**

MUSE 141, 142.

**MUSE 153, 154: Vocal Accompanying**

Provides technical and practical experience in the art of accompanying.

**Credits:** 2

**MUSE 154: Vocal Accompanying**

Develop technical and practical experience in the art of accompanying. Learn how to collaborate with classical singers for performances. Gain experience accompanying vocalists for student and ensemble juries and recitals.

**Credits:** 2

**MUSE 157: Piano Pedagogy**

Instruction in teaching piano at all levels, with lecture, discussion, and demonstration.

**Credits:** 2

**Prerequisites:**

Prereqs.: MUSE 131, 132

**MUSE 157, 158: Piano Pedagogy I & II**

Instruction in teaching piano at all levels, with lecture, discussion, and demonstration.

**Credits:** 4

**MUSE 158: Piano Pedagogy**

Continuation of MUSE 157.

**Credits:** 2

**MUSE 171: Piano Literature**

A survey of solo keyboard works, English Virginalists to Beethoven, performance, stylistic analysis.

**Credits:** 2

**MUSE 172: Piano Literature**

Study solo keyboard works, Schubert to present, performance, stylistic analysis.

**Credits:** 2

**MUSE 211: Piano Major I**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**MUSE 211, 212: Piano Major I & II**

Scales and arpeggios (four octaves), Czerny's Opus 299, Bach's Two- and Three-Part Inventions; Haydn's and Mozart's sonatas, and Romantic works.

**Credits:** 6

**MUSE 212: Piano Major II**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**MUSE 221: Piano Major III**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**Prerequisites:**

Prereqs.: MUSE 211, 212, or consent of instructor.

**MUSE 221, 222: Piano Major III & IV**

Scales, Czerny, Cramer studies, Bach's WTC, and sonatas. Qualifying Recital

**Credits:** 6

**Prerequisites:**

MUSE 211, 212, or consent of instructor.

**MUSE 222: Piano Major IV**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**MUSE 231: Piano Major V**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**Prerequisites:**

Prereqs.: MUSE 221, 222, or consent of instructor.

**MUSE 231, 232: Piano Major V & VI**

Continuation of technical and repertory work, with a technical examination

**Credits:** 6

**Prerequisites:**

MUSE 221, 222, or consent of instructor.

**MUSE 232: Piano Major VI**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**Prerequisites:**

Prereqs.: MUSE 221, 222, or consent of instructor.

**MUSE 241: Piano Major VII**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**Prerequisites:**

Prereqs.: MUSE 231, 232, or consent of instructor.

**MUSE 241, 242: Piano Major VI & VII**

Continuation of MUSE 231, 232. Public graduation recital

**Credits:** 6

**Prerequisites:**

MUSE 241, 242, or consent of instructor.

**MUSE 242: Piano Major VIII**

Learn technical skills related to scales and arpeggios (four octaves) with individual instruction. Understand piano techniques from different musical periods. Explore works by prominent composers such as Bach, Beethoven, Brahms, Chopin, Debussy, Grieg, Joplin, Liszt, Mendelssohn, Mozart, Rachmaninoff, Scarlatti, Schubert, Schumann and Tchaikovsky.

**Credits:** 3

**Prerequisites:**

Continuation of MUSE 241.

# MUSZ - Piano Trio

## **MUSZ 111: Piano Trio Minor I**

Performance Instrumental Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

## **MUSZ 111, 112: Piano Trio Minor I & II**

Focuses on advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles. ea.

**Credits:** 2

## **MUSZ 112: Piano Trio Minor II**

Performance Instrumental Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

### **Prerequisites:**

MUSZ 111

## **MUSZ 121: Piano Trio Minor III**

Performance Instrumental Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

### **Prerequisites:**

MUSZ 112,121

## **MUSZ 121, 122: Piano Trio (Ens) III & IV**

Focuses on advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles. ea. Continuation of MUSZ 111, 112

**Credits:** 2

### **Prerequisites:**

MUSZ 111, 112, or consent of instructor.

## **MUSZ 122: Piano Trio Minor IV**

Performance Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

### **Prerequisites:**

MUSZ 121

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSZ 131: Piano Trio**

Performance Instrumental Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

**Prerequisites:**

MUSZ 121, 122

**MUSZ 131, 132: Piano Trio Minor VI**

ea. Continuation of MUSZ 121, 122

**Credits:** 1

**Prerequisites:**

MUSZ 121, 122, or consent of instructor.

**MUSZ 132: Piano Trio Minor VI**

Performance Instrumental Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

**Prerequisites:**

MUSZ 121, 122

**MUSZ 141: Piano Trio Minor VII**

Performance Instrumental Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

**Prerequisites:**

MUSZ- of 131, 132

**MUSZ 141, 142: Piano Trio Minor VII,VIII**

ea. Continuation of MUSZ- of 131, 132

**Credits:** 1

**Prerequisites:**

MUSZ 131, 132, or consent of instructor.

**MUSZ 142: Piano Trio Minor VIII**

Performance Instrumental Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles.

**Credits:** 1

**Prerequisites:**

MUSZ- of 131, 132

**MUSZ 211: Piano Trio Major I**

Performance Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles; Includes chamber music for piano and other instruments

**Credits:** 1

**Prerequisites:**

MUSZ 121

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSZ 211, 212: Piano Trio Major I,II**

Includes chamber music for piano and other instruments

**Credits:** 1

**MUSZ 212: Piano Trio Major II**

Performance Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles; Includes chamber music for piano and other instruments

**Credits:** 1

**Prerequisites:**

MUSZ 211, 222

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSZ 221: Piano Trio Major III**

Performance Ensemble: Explore advanced harmonic and rhythmic studies for the pianist and the rhythm section. Various styles included. Rhythmic comping and the use of rhythmic motif displacement as a comping and soloing technique in various styles; Includes chamber music for piano and other instruments

**Credits:** 1

**Prerequisites:**

MUSZ 211, 222

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSZ 221, 222: Piano Trio Major III,IV**

Continuation of MUSZ 211, 222

**Credits:** 1

**Prerequisites:**

MUSZ 211, 212, or consent of instructor.

**MUSZ 222**

**Credits:** 1

**MUSZ 322: Piano Trio (Ens.) II**

**Credits:** 1

## MUSQ - Saxophone

**MUSQ 100: Saxophone Instruction**

Study saxophone in private sessions for non-music majors, including technical proficiency, musical interpretation, and historical context. Learn fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles.

**Credits:** 1

**Prerequisites:**

Non-music major; Permission of coordinator/instructor required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 111: Saxophone Minor I**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 111, 112: Saxophone Minor**

Includes major and minor scales and arpeggi, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUSQ 112: Saxophone Minor II**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 121: Saxophone Minor III**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSQ 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 121, 122: Saxophone Minor**

Continuation of MUSQ 111, 112

**Credits:** 2

**Prerequisites:**

MUSQ 111, 112, or consent of instructor.

**MUSQ 122: Saxophone Minor IV**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSQ 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 123: Saxophone Minor V**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSQ 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 131, 132: Saxophone Minor**

Continuation of MUSQ 121, 122

**Credits:** 2

**Prerequisites:**

MUSQ 121, 122, or consent of instructor.



**MUSQ 132: Saxophone Minor VI**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSQ 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 141: Saxophone Minor VII**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSQ 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 141, 142: Saxophone Minor**

Continuation of MUSQ 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUSQ 131, 132, or consent of instructor.

**MUSQ 142: Saxophone Minor VIII**

Study saxophone in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSQ 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSQ 211, 212: Saxophone Major**

Includes major and minor scales and arpeggi, along with etudes and solos in all styles.

**Credits:** 4

**MUSQ 221, 222: Saxophone Major**

Continuation of MUSQ 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUSQ 211, 212, or consent of instructor.

**MUSQ 231, 232: Saxophone Major**

Continuation of MUSQ 221, 222

**Credits:** 4

**Prerequisites:**

MUSQ 221, 222, or consent of instructor.

**MUSQ 241, 242: Saxophone Major**

Continuation of MUSQ 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUSQ 231, 232, or consent of instructor.

# MUTD - Saxophone Ensemble

## **MUTD 111: Saxophone Ensemble I**

Perform and study contemporary literature for the saxophone and transcribed literature in an ensemble setting. Performance Instrumental Ensemble: Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Romantic period to contemporary music.

**Credits:** 1

## **MUTD 111, 112: Saxophone Ensemble**

ea. Ensemble that performs contemporary literature for the saxophone and transcribed literature.

**Credits:** 1

## **MUTD 112: Saxophone Ensemble II**

Perform and study contemporary literature for the saxophone and transcribed literature in an ensemble setting. Performance Instrumental Ensemble: Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Romantic period to contemporary music.

**Credits:** 1

## **MUTD 121: Saxophone Ensemble II**

Instrumental Ensemble for the study and performance of saxophone literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

## **MUTD 121, 122: Saxophone Ensemble**

ea. Continuation of MUTD 111, 112

**Credits:** 1

### **Prerequisites:**

MUTD 111, 112, or consent of instructor.

## **MUTD 122: Saxophone Ensemble IV**

Perform and study contemporary literature for the saxophone and transcribed literature in an ensemble setting. Performance Instrumental Ensemble: Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Romantic period to contemporary music.

**Credits:** 1

### **Prerequisites:**

MUTD 111, 112

## **MUTD 131, 132: Saxophone Ensemble**

ea. Continuation of MUTD 121, 122

**Credits:** 1

### **Prerequisites:**

MUTD 121, 122, or consent of instructor.

## **MUTD 141, 142: Saxophone Ensemble**

ea. Continuation of MUTD 131, 132

**Credits:** 1

### **Prerequisites:**

MUTD 131, 132, or consent of instructor.

# MUSH - Jazz

## **MUSB 116: Keyboard Harmony**

Advanced harmonization, and keyboard improvisation and score reading.

**Credits:** 2

## **MUSH 011: Improvisation I**

Explore beginning techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

## **MUSH 011, 012: Jazz Improvisation I & II**

Techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos.

**Credits:** 4

## **MUSH 012: Improvisation II**

Explore beginning techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

## **MUSH 021: Improvisation III**

Explore beginning techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

### **Prerequisites:**

Prereqs.: MUSH 011, 012, or consent of instructor.

## **MUSH 021, 022: Jazz Improvisation III & IV**

Continuation of MUSH 011, 012

**Credits:** 4

### **Prerequisites:**

MUSH 011, 012, or consent of instructor.

## **MUSH 022: Improvisation IV**

Explore beginning techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

### **Prerequisites:**

MUSH-011, 012, or consent of instructor.

**MUSH 031: Improvisation V**

Explore advanced techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

**Prerequisites:**

Prereqs.: MUSH 021, 022, or consent of instructor.

**MUSH 031, 032: Jazz Improvisation V & VI**

Continuation of MUSH 021,022

**Credits:** 4

**Prerequisites:**

MUSH 021, 022, or consent of instructor.

**MUSH 032: Improvisation VI**

Explore advanced techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

**Prerequisites:**

MUSH-021, 022, or consent of instructor.

**MUSH 041: Improvisation VII**

Explore advanced techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

**Prerequisites:**

Prereqs.: MUSH 031, 032, or consent of instructor

**MUSH 041, 042: Jazz Improvisation VII & VIII**

Continuation of MUSH 031, 032

**Credits:** 4

**Prerequisites:**

MUSH 031, 032, or consent of instructor.

**MUSH 042: Improvisation VIII**

Explore advanced techniques of improvisation, melodic and harmonic analysis, analysis of improvisational styles through recorded example, demonstration of improvisational skills through performance, and transcription of recorded solos in this Performance Class (instrumental and/or Vocal). Apply improvisational techniques to a variety of jazz music.

**Credits:** 2

**MUSH 051: Set Drumming Workshop**

Development of reading skills, jazz drumming techniques, through solo and ensemble playing.

**Credits:** 1

**MUSH 080: Jazz Theory**

The meaning of melodic and harmonic notation in jazz is explained; also, the underlying structural principles employed in the jazz composition are revealed.

**Credits:** 3

**MUSH 111: Jazz Arranging I**

Exploration and analysis of representative jazz arrangements, demonstrating basic techniques of arranging.

**Credits:** 3

**MUSH 130: Jazz Piano**

Comprehensive course for advanced pianists encompassing varied jazz styles and techniques.

**Credits:** 2

**MUSH 131: Jazz Piano**

Continuation of MUSH 130 dealing with advanced jazz piano techniques.

**Credits:** 2

**Prerequisites:**

MUSH 130.

**MUSH 140: Jazz Piano**

Continuation of MUSH 131 dealing with advanced jazz piano techniques.

**Credits:** 2

**Prerequisites:**

MUSH 130, 131.

**MUSH 141: Jazz Piano**

Continuation of MUSH 140 dealing with advanced jazz piano techniques

**Credits:** 2

**Prerequisites:**

MUSH 130, 131, and 140.

**MUSH 151, 152, 153: Jazz Vocal Workshop**

Development of jazz solo and group performance skills, including improvisation, sight reading, repertoire and contemporary vocal technique.

**Credits:** 1

**MUSH 156: Jazz Vocal Workshop VI**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 1

**MUSH 159: Independent Study (Jazz)**

**Credits:** 3

**MUSH 161 through 168: Voice for Jazz Studies**

Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Audition required.

**Credits:** 2

## MUSN - String Bass

**MUSN 100: String Bass Instruction I**

Explore beginning techniques of playing the string bass; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 101: String Bass Instruction II**

Explore beginning techniques of playing the string bass; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Prerequisites:**

MUSN 100

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 102: String Bass Instruction III**

Explore beginning techniques of playing the string bass; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Prerequisites:**

MUSN 101

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 103: String Bass Instruction IV**

Explore beginning techniques of playing the string bass; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Prerequisites:**

MUSN 102

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 111: String Bass Minor I**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 111, 112: String Bass Minor**

Covers Simandle's Book 1; Marcello's Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies.

**Credits:** 2

**MUSN 112: String Bass Minor II**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 121: String Bass Minor III**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 121, 122: String Bass Minor**

Includes Bille Nos. 263 and 264, Nanny Vingt Quartre Pieces, and orchestra studies

**Credits:** 2

**Prerequisites:**

MUSN 111, 112, or consent of instructor.

**MUSN 122: String Bass Minor IV**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 131: String Bass Minor V**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 131, 132: String Bass Minor**

Treats Bille Nos. 262 and 303, Handel's Sonata in G Minor, orchestra studies, and Galliard's Sonata in F Major

**Credits:** 2

**Prerequisites:**

MUSN 121, 122, or consent of instructor.

**MUSN 132: String Bass Minor VI**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 141: String Bass Minor VII**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies. Instruction in Bille No. 303; Nanny Kreutzer Etudes; Koussevitzky Chanson Triste and Valse Miniature, orchestra studies, and recital preparation

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 141, 142: String Bass Minor**

Instruction in Bille No. 303; Nanny's Kreutzer Etudes; Koussevitzky's Chanson Triste and Valse Miniature, orchestra studies, and recital preparation

**Credits:** 2

**Prerequisites:**

MUSN 131, 132, or consent of instructor.

**MUSN 142: String Bass Minor VIII**

Study string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Covers Simandle Book 1; Marcello Sonata in D Minor; The Progressive Bowing Variations; The Melodious Bass; Bowing Variations; and three Beethoven symphonies. Instruction in Bille No. 303; Nanny Kreutzer Etudes; Koussevitzky Chanson Triste and Valse Miniature, orchestra studies, and recital preparation

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSN 211, 212: String Bass Major**

Deals with major and minor scales and arpeggios, along with etudes and solos in all styles.

**Credits:** 4

**MUSN 221, 222: String Bass Major**

Continuation of MUSN 211, and 212

**Credits:** 4

**Prerequisites:**

MUSN 211, 212, or consent of instructor.

**MUSN 231, 232: String Bass Major**

Continuation of MUSN 221, 222

**Credits:** 4

**Prerequisites:**

MUSN 221, 222, or consent of instructor.

**MUSN 241, 242: String Bass Major**

Continuation of MUSN 231, 232

**Credits:** 4

**Prerequisites:**

MUSN 231, 232, or consent of instructor.



# MUTI - Jazz Ensemble

## **MUTI 011: Jazz Ensemble A I**

Explore different jazz styles, such as bebop, Latin jazz, and fusion. Develop improvisation skills, ensemble playing, and knowledge of jazz theory and history. Big Band Jazz setting, composing, arranging, performing, and recordings. Auditions required.

**Credits:** 1

### **Prerequisites:**

Audition required

## **MUTI 011, 012: Jazz Ensemble A I, II**

ea. Deals with Big Band Jazz; composing, arranging, performing, and recordings. Auditions required.

**Credits:** 1

## **MUTI 012: Jazz Ensemble A II**

Explore different jazz styles, such as bebop, Latin jazz, and fusion. Develop improvisation skills, ensemble playing, and knowledge of jazz theory and history. Big Band Jazz setting, composing, arranging, performing, and recordings. Auditions required.

**Credits:** 1

### **Prerequisites:**

Audition required; Continuation of MUTI 011

## **MUTI 021: Jazz Ensemble A III**

Continuation of MUTI 011

**Credits:** 1

## **MUTI 021, 022: Jazz Ensemble A III**

Continuation of MUTI 011

**Credits:** 1

### **Prerequisites:**

MUTI 011, 012, or consent of instructor.

## **MUTI 023: Jazz Ensemble A IV**

Continuation MUTI 21

**Credits:** 1

## **MUTI 031: Jazz Ensemble A V**

Explore different jazz styles, such as bebop, Latin jazz, and fusion. Develop improvisation skills, ensemble playing, and knowledge of jazz theory and history. Big Band Jazz setting, composing, arranging, performing, and recordings. Auditions required.

**Credits:** 1

### **Prerequisites:**

Audition required; Continuation MUTI 231

## **MUTI 031, 032: Jazz Ensemble A V, VI**

ea. Continuation of MUTI 023

**Credits:** 1

### **Prerequisites:**

MUTI 021, 022, or consent of instructor.

**MUTI 032: Jazz Ensemble A VI**

Explore different jazz styles, such as bebop, Latin jazz, and fusion. Develop improvisation skills, ensemble playing, and knowledge of jazz theory and history. Big Band Jazz setting, composing, arranging, performing, and recordings. Auditions required.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTI 031

**MUTI 033: Jazz Ensemble A VI**

**Credits:** 1

**MUTI 041: Jazz Ensemble A VII**

Explore different jazz styles, such as bebop, Latin jazz, and fusion. Develop improvisation skills, ensemble playing, and knowledge of jazz theory and history. Big Band Jazz setting, composing, arranging, performing, and recordings. Auditions required.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTI 032

**MUTI 041, 042: Jazz Ensemble A VII, VIII**

ea. Continuation of MUTI 031, 032

**Credits:** 1

**Prerequisites:**

MUTI 031, 032, or consent of instructor.

**MUTI 042: Jazz Ensemble A VIII**

Explore different jazz styles, such as bebop, Latin jazz, and fusion. Develop improvisation skills, ensemble playing, and knowledge of jazz theory and history. Big Band Jazz setting, composing, arranging, performing, and recordings. Auditions required.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTI 041

**MUTI 043: Jazz Ensemble A VIII**

**Credits:** 1

**MUTI 051, 052: Jazz Ensemble A IX,X**

A continuation of MUTI 041 and 042

**Credits:** 1

**MUTI 111: Jazztet I**

Small ensemble and experimental projects in jazz performance. Instrumental Ensemble for the study and performance of jazz literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

Consent of instructor. Auditions required

**MUTI 112: Jazztet II**

Small ensemble and experimental projects in jazz performance. Instrumental Ensemble for the study and performance of jazz literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**MUTI 121: Jazztet III**

Small ensemble and experimental projects in jazz performance. Instrumental Ensemble for the study and performance of jazz literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**MUTI 122: Jazztet IV**

Small ensemble and experimental projects in jazz performance. Instrumental Ensemble for the study and performance of jazz literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

## MUTB - String Ensemble

**MUTB 111: String Ensemble I**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTB 111, 112: String Ensemble**

ea. Ensemble for the study and performance of string literature.

**Credits:** 1

**MUTB 112: String Ensemble II**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTB 121: String Ensemble III**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

MUTB 111, 112;

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTB 121, 122: String Ensemble**

ea. Continuation of MUTB 111, 112

**Credits:** 1

**Prerequisites:**

MUTB 111, 112, or consent of instructor.

**MUTB 122: String Ensemble IV**

Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

MUTB 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTB 131, 132: String Ensemble**

ea. Continuation of MUTB 121, 122

**Credits:** 1

**Prerequisites:**

MUTB 121, 122, or consent of instructor.

**MUTB 141, 142: String Ensemble**

ea. Continuation of MUTB 131, 132

**Credits:** 1

**Prerequisites:**

MUTB 131, 132, or consent of instructor.

## MUTO - Student Recital

**MUTO 011: Student Recital I**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 012: Student Recital II**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 021: Student Recital III**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 022: Student Recital IV**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 031: Student Recital V**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 032: Student Recital VI**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 041: Student Recital VII**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 042: Student Recital VIII**

Performances by music majors and minors. Exposes students to a large variety of musical literature, professionals, and live performances.

**Credits:** 0

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTO 111: Qualifying Recital**

Performances by students which afford them the opportunity to perform before their peers and others; exposes students to a large variety of musical literature.

**Credits:** 0

**MUTO 112: Senior Recital**

Performances by students which afford them the opportunity to perform before their peers and others; exposes students to a large variety of musical literature.

**Credits:** 0

## MUSJ - Music Therapy

**MUSJ 101: Music Therapy I**

Study the history of the profession of Music Therapy, and an examination of the philosophy and principles of Music. Therapy Practice in mental health, hospital, and medical and school delivery system with adults and Children. FALL

**Credits:** 3

**MUSJ 102: Music Therapy II**

Study the music therapist in the clinical setting, with an emphasis on the client/therapist relationship. Examine major theories of psychotherapy and their relationship to music therapy practice. Understand group musical tasks and experimental music to begin a personal examination of music and its effect upon your own life.

**Credits:** 3

**Prerequisites:**

CLINICAL PRACTICUM IS REQUIRED

**MUSJ 103: Practicum II**

Learn to enhance previously acquired knowledge and abilities by applying them within a professional setting. The practicum is completed under the direction of the faculty in conjunction with a site supervisor.

**Credits:** 0

**Prerequisites:**

A continuation of MUSJ 111

**MUSJ 105: Clinical Orientation**

Initial clinical experience involving group participation and observation of methods and techniques employed in therapeutic settings; accompanied by seminar. Prereqs. MUSJ 101, admission to MT degree program, or permission of instructor. SPRING

**Credits:** 2

**MUSJ 107: Guitar Technique Music Therapy**

Examine advanced guitar instruction and study of repertoire with emphasis on adaptive techniques for special populations (infancy, autism, geriatrics, etc.)

**Credits:** 2

**Prerequisites:**

Prereqs. MUSJ 101, 2 semesters of MUSO 100

**MUSJ 107, 108: Guitar Techniques for Music Therapy**

Advanced guitar instruction and study of repertoire with emphasis on adaptive techniques for special populations. Prereqs. MUSJ 101, 2 semesters of MUSO 100.

**Credits:** 2

**MUSJ 110: Method & Tech in Music Thpy**

Explore techniques used in musical therapy treatment in group and individual therapy employing vocal and instrumental techniques.

**Credits:** 2

**Prerequisites:**

CLINICAL PRACTICUM IS REQUIRED. Prereqs. MUSJ 101, admission to MT program or permission of instructor. SPRING

**MUSJ 111: Practicum I**

Examine therapeutical knowledge and skills by applying them within a professional setting. The practicum is completed under the direction of the faculty in conjunction with a site supervisor.

**Credits:** 0

**MUSJ 115: Influence of Music on Behavior**

An examination of humankind behavioral, emotional and physical response to music; study of applicable music therapy interventions (GIM, etc.) INCLUDES CLINICAL PRACTICUM

**Credits:** 3

**Prerequisites:**

MUSJ 101, MUSJ 102, MUSJ 105, admission to MT program or permission of instructor. FALL

**MUSJ 116: Practicum III**

Learn to apply abilities and previously acquired knowledge in a professional setting. Study under the direction of the faculty in conjunction with a site supervisor.

**Credits:** 0

**Prerequisites:**

A continuation of MUSJ 103.

**MUSJ 120: Psychology of Music**

Explore acoustical and psychological aspects of music and related literature. SPRING/FALL

**Credits:** 3

**MUSJ 121: Senior Practicum**

Clinical experience with emphasis on independent planning for individual and group sessions

**Credits:** 2

**Prerequisites:**

MUSJ 101, MUSJ 102, MUSJ 105, MUSJ 110, MUSJ 115. SPRING

**MUSJ 122: Independent Study**

Explore directed research in music therapy.

**Credits:** 3

**Prerequisites:**

Requires consent of the instructor. Fall/ Spring.

**MUSJ 135: Music Therapy Internship**

Explore clinical training in a music therapy program (approved by the American Music Therapy Association) under the direct supervision of a music therapist in a 6-12 month period .

**Credits:** 1

**Prerequisites:**

Prereqs. All music department requirements and all music therapy curriculum courses. SPRING/FALL

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

## MUSU - Trombone

**MUSU 100: Trombone Instruction**

Study trombone playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 111: Trombone Minor I**

Individual Instruction: Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 111, 112: Trombone Minor**

Includes major and minor scales and arpeggi, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUSU 112: Trombone Minor II**

Individual Instruction: Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 121: Trombone Minor III**

Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 121, 122: Trombone Minor**

Continuation of MUSU 111, 112

**Credits:** 2

**Prerequisites:**

MUSU 111, 112, or consent of instructor.

**MUSU 122: Trombone Minor IV**

Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 131: Trombone Minor V**

Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSU 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 131, 132: Trombone Minor**

Continuation of MUSU 121, 122

**Credits:** 2

**Prerequisites:**

MUSU 121, 122, or consent of instructor.

**MUSU 132: Trombone Minor VI**

Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSU 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression



**MUSU 141: Trombone Minor VII**

Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSU 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 141, 142: Trombone Minor**

Continuation of MUSU 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUSU 131, 132, or consent of instructor.

**MUSU 142: Trombone Minor VIII**

Study trombone in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSU 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSU 211, 212: Trombone Major**

Instruction in major and minor scales and arpeggi, along with etudes and solos in all styles.

**Credits:** 4

**MUSU 221, 222: Trombone Major**

Continuation of MUSU 211, 221

**Credits:** 4

**Prerequisites:**

MUSU 211, 212, or consent of instructor.

**MUSU 231, 232: Trombone Major**

Continuation of MUSU 221, 222

**Credits:** 4

**Prerequisites:**

MUSU 221, 222, or consent of instructor.

**MUSU 241, 242: Trombone Major**

Continuation of MUSU 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUSU 231, 232, or consent of instructor.

## MUSF - Organ

**MUSF 100: Organ Instruction**

Private lessons to non-music major. Permission of coordinator/instructor required. Course can be repeated.

**Credits:** 1

**MUSF 111, 112: Organ Minor**

Study of Peeters' The Little Organ Book, Johnson's Organ Method, and manual and pedal exercises.

**Credits:** 2

**MUSF 121, 122: Organ Minor**

Consists of moderately difficult works by Bach, Mendelssohn, and Brahms; contemporary works; service playing; improvisation; and pedal studies, scales and exercises

**Credits:** 2

**Prerequisites:**

MUSF 111, 112, or consent of instructor.

**MUSF 131, 132: Organ Minor**

Bach's Chorale Preludes, Toccata and Fugue in D Minor, Dorian Toccata, and Prelude and Fugue in A Minor, with service playing and improvisation

**Credits:** 2

**Prerequisites:**

MUSF 121, 122, or consent of instructor.

**MUSF 141, 142: Organ Minor**

Continuation of MUSF 131, 132, provides preparation of senior recital

**Credits:** 2

**Prerequisites:**

MUSF 131, 132, or consent of instructor.

**MUSF 153: Service Playing**

Literature for church and community use; hymns, responses, preludes, voluntaries, and postludes; accompaniments; modulation; and improvisation.

**Credits:** 2

**MUSF 211, 212: Organ Major**

Bach's Chorale Preludes for Manuals, Orgelbuchlein (Nos. 27, 44, 37, and 12), Eight Little Preludes, and Fugues (A Minor, F Major, G Minor, and B flat Major), along with easy compositions by contemporary composers, hymn playing, and technique.

**Credits:** 4

**MUSF 221, 222: Organ Major**

Selected preludes, Fantasia and Fugue C Minor, selections from Orgelbuchlein, Brahms' Chorale Preludes, and Franck's larger works. Qualifying recital

**Credits:** 4

**Prerequisites:**

MUSF 211, 212, or consent of instructor.

**MUSF 231, 232: Organ Major**

Bach's Chorale Preludes, Toccata and Fugue in D Minor, Dorian Toccata, Prelude and Fugue in A Minor, and Trio Sonata 1; Franck's Piece Heroique, Prelude, Fugue, and Variation; and Mendelssohn's Second Sonata; along with selected contemporary works. Service playing and improvisation

**Credits:** 4

**Prerequisites:**

MUSF 221, 222, or consent of instructor.

**MUSF 241, 242: Organ Major**

Selected works from Bach, Mendelssohn, Franck, and the symphonies of Widor and Vierne; and selected compositions by Alain, Messiaen, Langlais, Fax, Kerr, and others

**Credits:** 4

**Prerequisites:**

MUSF 241, 242, or consent of instructor.

## MUSS - Trumpet

**MUSS 100: Trumpet Instruction**

Learn to play the trumpet, including technical proficiency, musical interpretation, and historical context.

Understand the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles.

**Credits:** 1

**Prerequisites:**

Permission of coordinator/instructor required.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 111: Trumpet Minor I**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 111, 112: Trumpet Minor**

Instruction in major and minor scales and arpeggi, tone production, and etudes and solos in all styles.

**Credits:** 2

**MUSS 112: Trumpet Minor II**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 121: Trumpet Minor III**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 121, 122: Trumpet Minor**

Continuation of MUSS 111, 112

**Credits:** 2

**Prerequisites:**

MUSS 111, 112, or consent of instructor.

**MUSS 122: Trumpet Minor IV**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 131: Trumpet Minor V**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 131, 132: Trumpet Minor**

Continuation of MUSS 121, 122

**Credits:** 2

**Prerequisites:**

MUSS 121, 122, or consent of instructor.

**MUSS 132: Trumpet Minor VI**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 141: Trumpet Minor VII**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 141, 142: Trumpet Minor**

Continuation of MUSS 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUSS 131, 132, or consent of instructor.

**MUSS 142: Trumpet Minor VIII**

Study trumpet in private sessions to develop individual technique, intonation, sound production, etc. Learn major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSS 211, 212: Trumpet Major**

Includes major and minor scales and arpeggi, along with etudes and solos in all styles.

**Credits:** 4

**MUSS 221, 222: Trumpet Major**

Continuation of MUSS 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUSS 211, 212 or consent of instructor.

**MUSS 231, 232: Trumpet Major**

Continuation of MUSS 221, 222

**Credits:** 4

**Prerequisites:**

MUSS 221, 222, or consent of instructor.

**MUSS 241, 242: Trumpet Major**

Continuation of MUSS 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUSS 231, 232, or consent of instructor.

## MUSV - Tuba

**MUSV 100: Tuba Instruction**

Learn tuba playing, including technical proficiency, musical interpretation, and historical context. Understand the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles.

**Credits:** 1

**Prerequisites:**

Private lessons to non-music major

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 111: Tuba Minor I**

Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 111, 112: Tuba Minor**

Instruction in major.

**Credits:** 2

**MUSV 112: Tuba Minor II**

Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 121: Tuba Minor III**

Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSV 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 121, 122: Tuba Minor**

Continuation of MUSV 111, 112

**Credits:** 2

**Prerequisites:**

MUSV 111, 112, or consent of instructor.

**MUSV 122: Tuba Minor IV**

Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSV 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 131: Tuba Minor V**

Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSV 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 131, 132: Tuba Minor**

Continuation of MUSV 121, 122

**Credits:** 2

**Prerequisites:**

MUSV 121, 122, or consent of instructor.

**MUSV 132: Tuba Minor VI**

Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSV 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 141: Tuba Minor VII**

Individual Instruction: Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSV 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 141, 142: Tuba Minor**

Continuation of MUSV 131, 132, with preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUSV 131, 132, or consent of instructor.

**MUSV 142: Tuba Minor VIII**

Individual Instruction: Study tuba in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSV 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSV 211, 212: Tuba Major**

Consists of major and minor scales and arpeggi, along with etudes and solos in all styles.

**Credits:** 4

**MUSV 221, 222: Tuba Major**

Continuation of MUSV 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUSV 211, 212, or consent of instructor.

**MUSV 231, 232: Tuba Major**

Continuation of MUSV 221, 222.

**Credits:** 4

**Prerequisites:**

MUSV 221, 222, or consent of instructor.

**MUSV 241, 242: Tuba Major**

Continuation of MUSV 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUSV 231, 232, or consent of instructor.

# MUSL - Piano Technology

## **MUSL 100: Violin Instruction I**

Explore beginning techniques of playing the violin; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

## **MUSL 101: Violin Instruction II**

Explore beginning techniques of playing the violin; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Prerequisites:**

Continuation of MUSL 100.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

## **MUSL 102: Violin Instruction III**

Explore intermediate techniques of playing the violin; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Prerequisites:**

Continuation of MUSL 101

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

## **MUSL 103: Violin Instruction IV**

Explore intermediate techniques of playing the violin; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

**Prerequisites:**

Continuation of MUSL 102.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

## **MUSL 104: Violin Instruction V**

Explore advanced techniques of playing the violin; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

## **MUSL 105: Violin Instruction VI**

Explore advanced techniques of playing the violin; study several approaches and methodologies to improve bowing, intonation, and sound production.

**Credits:** 1

## **MUSL 111: Violin Minor I**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

## **MUSL 111, 112: Violin Minor**

Instruction in major and minor scales and arpeggios in three octaves, solo repertoire comparable to Kreutzer's 42 Etudes, Sevcik's Opus 9, and concerti by Seitz and Accolay.

**Credits:** 2



**MUSL 112: Violin Minor II**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**MUSL 121: Violin Minor III**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSL 111, 112

**MUSL 121, 122: Violin Minor**

Instruction in scales and arpeggios continued from MUSL 111, 112, and etudes, compositions, concerti, and sonatas

**Credits:** 2

**Prerequisites:**

MUSL 111, 112, or consent of instructor.

**MUSL 122: Violin Minor IV**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSL 111, 112

**MUSL 131: Violin Minor V**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSL 122

**MUSL 131, 132: Violin Minor**

Continuation of MUSL 122

**Credits:** 2

**Prerequisites:**

MUSL-MUSP, consent of instructor.

**MUSL 132: Violin Minor VI**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSL 122

**MUSL 141: Violin Minor VII**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSL 132

**MUSL 141, 142: Violin Minor**

Continuation of MUSL 132, including preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUSL 131, 132, or consent of instructor.

**MUSL 142: Violin Minor VIII**

Study violin in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSL 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSL 211, 212: Violin Major**

Includes scales, arpeggios, double-stopping, bow technique and suitable studies and compositions from early and contemporary areas.

**Credits:** 4

**MUSL 221, 222: Violin Major**

Continuation of MUSL 211, 212, with preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUSL 211, 212, or consent of instructor.

**MUSL 231, 232: Violin Major**

Includes techniques, etudes, sonatas, compositions, and concerti

**Credits:** 4

**Prerequisites:**

221, 222, or consent of instructor.

**MUSL 241, 242: Violin Major**

Consists of technique; review and continuation of previous material; study of etudes, sonatas, and concerti; and preparation of senior recital

**Credits:** 4

**Prerequisites:**

MUSS, MUST, or consent of instructor.

# MUTL - University Choir

## **MUTL 011: University Choir I**

Performing vocal ensemble open to all Howard University students. Auditions and appropriate concert and service attire required.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUTL 011, 012: University Choir I & II**

ea. Performing vocal ensemble open to all Howard University students. Auditions and appropriate concert and service attire required.

**Credits:** 2

## **MUTL 012: University Choir II**

Continuation of MUTL 011. Performing vocal ensemble open to all Howard University students. Auditions and appropriate concert and service attire required.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUTL 013: University Choir II**

Performance Mixed Voice Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. This ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTM 011, 012

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUTL 021: University Choir III**

Performance Mixed Voice Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. This ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **MUTL 021, 022: University Choir III & IV**

Continuation of MUTL 011,012. Performing vocal ensemble open to all Howard University students, Auditions and appropriate concert and service attire required.

**Credits:** 2

**Prerequisites:**

MUTL 011, 012, or consent of instructor.

**MUTL 022: University Choir IV**

Performance Mixed Voice Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. This ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTL 031: University Choir V**

Performance Mixed Voice Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. This ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTL 031, 032: University Choir V & VI**

Continuation of MUTL 021,022. Performing vocal ensemble open to all Howard University students, Auditions and appropriate concert and service attire required.

**Credits:** 2

**Prerequisites:**

MUTL 021, 022, or consent of instructor.

**MUTL 032: University Choir VI**

Continuation of MUTL 031.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTL 041: University Choir VII**

Performance Mixed Voice Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. This ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTL 041, 042: University Choir VII & VIII**

Continuation of MUTL 031, 032. Performing vocal ensemble open to all Howard University students, Auditions and appropriate concert and service attire required.

**Credits:** 2

**Prerequisites:**

MUTL 031, 032, or consent of instructor.

**MUTL 042: University Choir VIII**

Performance Mixed Voice Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. This ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## MUTM - University Chorale

**MUTM 011: University Chorale I**

Learn to sing in a predominantly a capella group, that performs more difficult literature. Audition required.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 011, 012: University Chorale**

ea. Consists of a predominantly a capella group, that performs more difficult literature. Audition required.

**Credits:** 1

**MUTM 012: University Chorale II**

Performance Vocal Ensemble: A predominantly a capella group, that performs more difficult literature. Learning a variety of choral pieces in different styles and genres. Develop vocal technique, musicianship skills, and ensemble performance.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 021: University Chorale III**

Performance Vocal Ensemble: A predominantly a capella group, that performs more difficult literature. Learning a variety of choral pieces in different styles and genres. Develop vocal technique, musicianship skills, and ensemble performance.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation of MUTM 011, 012

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 021, 022: University Chorale**

ea. Continuation of MUTM 011, 012

**Credits:** 1

**Prerequisites:**

MUTM 011, 012, or consent of instructor.

**MUTM 022: University Chorale IV**

Continuation of MUTM 011, 012

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 031: University Chorale V**

Performance Vocal Ensemble: A predominantly a capella group, that performs more difficult literature.

Learning a variety of choral pieces in different styles and genres. Develop vocal technique, musicianship skills, and ensemble performance.

**Credits:** 1

**Prerequisites:**

Audition required, Continuation of MUTM 021, 022

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 031, 032: University Chorale**

ea. Continuation of MUTM 021, 022

**Credits:** 1

**Prerequisites:**

MUTM 021, 022, or consent of instructor.

**MUTM 032: University Chorale VI**

Performance Vocal Ensemble: A predominantly a capella group, that performs more difficult literature.

Learning a variety of choral pieces in different styles and genres. Develop vocal technique, musicianship skills, and ensemble performance.

**Credits:** 1

**Prerequisites:**

Audition required, Continuation of MUTM 021, 022

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 041: University Chorale VII**

Performance Vocal Ensemble: A predominantly a capella group, that performs more difficult literature.

Learning a variety of choral pieces in different styles and genres. Develop vocal technique, musicianship skills, and ensemble performance.

**Credits:** 1

**Prerequisites:**

Audition required, Continuation of MUTM 031, 032

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 041, 042: University Chorale**

ea. Continuation of MUTM 031, 032

**Credits:** 1

**Prerequisites:**

MUTM 031, 032, or consent of instructor.

**MUTM 042: University Chorale VIII**

Performance Vocal Ensemble: A predominantly a capella group, that performs more difficult literature. Learning a variety of choral pieces in different styles and genres. Develop vocal technique, musicianship skills, and ensemble performance.

**Credits:** 1

**Prerequisites:**

Audition required, Continuation of MUTM 031, 032

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## MUTN - University Collegium

**MUTN 011, 012: University Collegium**

ea. Select group that specializes in the performance of the small Renaissance and Baroque vocal forms. Auditions required.

**Credits:** 1

**MUTN 021, 022: University Collegium**

ea. Continuation of MUTN 011, 012

**Credits:** 1

**Prerequisites:**

MUTN 011, 012 or consent of instructor.

**MUTN 031, 032: University Collegium**

ea. Continuation of MUTN 021, 022

**Credits:** 1

**Prerequisites:**

MUTN 021, 022, or consent of instructor.

**MUTN 041, 042: University Collegium**

ea. Continuation of MUTN 031, 032

**Credits:** 1

**Prerequisites:**

MUTN 031, 032, or consent of instructor.

## MUTQ - Viola

**MUTQ 100: Viola Instruction I**

Private lessons to non-music major. A comprehensive understanding of viola playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 101: Viola Instruction II**

Private lessons to non-music major. A comprehensive understanding of viola playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 101, 102, 103: Violin Instruction II-IV**

Continuation of MUTQ 100. Private lessons to non-music major. Permission of coordinator/instructor required.

**Credits:** 1

**MUTQ 102: Viola Instruction III**

Private lessons to non-music major. A comprehensive understanding of viola playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 103: Viola Instruction IV**

Private lessons to non-music major. A comprehensive understanding of viola playing, including technical proficiency, musical interpretation, and historical context. Develop the fundamental skills required to play the instrument, as well as exploring a range of repertoire from different periods and styles. Permission of coordinator/instructor required.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 104: Viola Instruction V**

**Credits:** 1

**MUTQ 105: Viola Instruction VI**

**Credits:** 1

**MUTQ 111: Viola Minor I**

Individual Instruction: Study viola in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Study of scales and arpeggios in two octaves; etudes, sonatas, and concerti; and solo repertoire of the difficulty comparable to Masas Opus 36 Etudes and Eccles Sonata in G Minor.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 111, 112: Viola Minor**

Study of scales and arpeggios in two octaves; etudes, sonatas, and concerti; and solo repertoire of the difficulty comparable to Masas' Opus 36 Etudes and Eccles' Sonata in G Minor.

**Credits:** 2



**MUTQ 112: Viola Minor II**

Individual Instruction: Study viola in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century). Study of scales and arpeggios in two octaves; etudes, sonatas, and concerti; and solo repertoire of the difficulty comparable to Masas Opus 36 Etudes and Eccles Sonata in G Minor.

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 121: Viola Minor III**

Individual Instruction: Study viola in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 121, 122: Viola Minor**

Includes scales, arpeggios, double-stopping, and development of bow techniques

**Credits:** 2

**Prerequisites:**

MUTQ 111, 112, or consent of instructor.

**MUTQ 122: Viola Minor IV**

Individual Instruction: Study viola in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 131: Viola Minor V**

Individual Instruction: Study viola in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 131, 132: Viola Minor**

Continuation of technical studies with classical solo compositions

**Credits:** 2

**Prerequisites:**

MUTQ 121, 122, or consent of instructor.

**MUTQ 132: Viola Minor VI**

Continuation of technical studies with classical solo compositions

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 141: Viola Minor VII**

Study of scales and broken chords in three octaves through the seventh position, technical studies, etudes, and preparation for senior recital. Individual Instruction: Study viola in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 141, 142: Viola Minor**

Study of scales and broken chords in three octaves through the seventh position, technical studies, etudes, and preparation for senior recital

**Credits:** 2

**Prerequisites:**

MUTQ 131, 132, or consent of instructor.

**MUTQ 142: Viola Minor VIII**

Study of scales and broken chords in three octaves through the seventh position, technical studies, etudes, and preparation for senior recital. Individual Instruction: Study viola in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTQ 211, 212: Viola Major**

Instruction in technical studies, etudes, sonatas, and solo repertoire.

**Credits:** 4

**MUTQ 221, 222: Viola Major**

Includes technical studies, scales, arpeggios, double-stopping, and development of bow technique; suitable studies and compositions from early and contemporary eras; and preparation for qualifying recital

**Credits:** 4

**Prerequisites:**

MUTQ 211, 212, or consent of instructor.

**MUTQ 231, 232: Viola Major**

Continuation of MUTQ 221, 222

**Credits:** 4

**Prerequisites:**

MUTQ 221, 222, or consent of instructor.

**MUTQ 241, 242: Viola Major**

Continuation of MUTQ 231, 232

**Credits:** 4

**Prerequisites:**

MUTQ 231, 232, or consent of instructor.

# MUSG - Voice

## **MUSG 003: Voice Instruction**

Study private classical voice lessons in one-on-one sessions. Learn a healthy technique using standard art song, folk song and spiritual repertoire. Perform a final exam/jury at the end of each semester. May be repeated.

**Credits:** 1

**Prerequisites:**

Prerequisites: Audition; Music minors only

## **MUSG 011, 012: Voice Class**

Fundamentals of voice production and problems commonly encountered in music education. Required of music education majors with piano or organ emphasis.

**Credits:** 2

## **MUSG 031: Voice Class for Instr Majors**

Explore the voice in a group class setting. Designed for music education majors intended to teach a healthy singing technique for the student and offer instruction on age-appropriate materials for K-12 singers.

Examining repertoire including standard art song, folk song, spiritual, and music theatre.

**Credits:** 1

**Prerequisites:**

Restricted: Music Education Majors only

## **MUSG 111: Voice Minor I**

Study classical voice in private sessions to continue healthy technique through standard art song, spiritual, oratorio and operatic literature. Learn contemporary commercial music if a Music Therapy major. Course content is specific to the technical abilities of the student.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

## **MUSG 111, 112/001, 002: Voice Minor/Third Subject**

Instruction in the principles of breathing, phonetics, and diction; vocalises for sustained singing; scales and arpeggios; five English songs; and songs of the black heritage.

**Credits:** 2

## **MUSG 112: Voice Minor II**

Learn the principles of breathing, phonetics, and diction; vocalises for sustained singing with individual instruction. Understand scales and arpeggios; five English songs; and songs of the black heritage. Study classical voice in private sessions to continue healthy technique through standard art song, spiritual, oratorio and operatic literature. Learn contemporary commercial music if a Music Therapy major. Course content is specific to the technical abilities of the student.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

**MUSG 121: Voice Minor III**

Learn the principles of breathing, phonetics, and diction; vocalises for sustained singing; scales and arpeggios; English songs; and songs of the black heritage with individual instruction. Study classical voice in private sessions to continue healthy technique through standard art song, spiritual, oratorio and operatic literature. Learn contemporary commercial music if a Music Therapy major. Course content is specific to the technical abilities of the student.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

**MUSG 121, 122/003, 004: Voice Minor/Third Subject**

Consists of vocalises to meet the individual needs of the student, five songs in English and other languages, a German lieder, and easy arias.

**Credits:** 2

**MUSG 122: Voice Minor IV**

Study breathing, phonetics, and diction; vocalises for sustained singing; scales and arpeggios; English songs; and songs of the black heritage. Study classical voice in private sessions to continue healthy technique through standard art song, spiritual, oratorio and operatic literature. Learn contemporary commercial music if a Music Therapy major. Course content is specific to the technical abilities of the student.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

**MUSG 131: Voice Minor V**

Study advanced breathing, phonetics, and diction; vocalises for sustained singing; scales and arpeggios; English songs; and songs of the black heritage. Learn classical voice in private sessions to continue healthy technique through standard art song, spiritual, oratorio and operatic literature. Learn contemporary commercial music if a Music Therapy major. Course content is specific to the technical abilities of the student.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

**MUSG 131, 132/005, 006: Voice Minor/Third Subject**

A continuation of MUSG 121, 122/003, 004.

**Credits:** 2

**MUSG 132: Voice Minor VI**

Study advanced breathing, phonetics, and diction; vocalises for sustained singing; scales and arpeggios; English songs; and songs of the black heritage. Learn classical voice in private sessions to continue healthy technique through standard art song, spiritual, oratorio and operatic literature. Learn contemporary commercial music if a Music Therapy major. Course content is specific to the technical abilities of the student.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

**MUSG 141: Voice Minor VII**

Study continued breathing, phonetics, and diction; vocalises for sustained singing; scales and arpeggios; English songs; and songs of the black heritage. Study classical voice in private sessions to continue healthy technique through standard art song, spiritual, oratorio and operatic literature. Learn contemporary commercial music if a Music Therapy major. Course content is specific to the technical abilities of the student. Music Education and Music Therapy students who plan to perform a Senior Recital register for this final semester of applied voice.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

**MUSG 141, 142/007, 008: Voice Minor/Third Subject**

Technical Studies, six songs by modern composers. French songs, and two or more arias. Recital required for minors.

**Credits:** 2

**MUSG 142: Voice Minor VIII**

Prepare a 30-minute recital featuring repertoire of the Baroque, Classic, Romantic, 20th and 21st centuries, including art songs or operatic arias by African American Composers. Student register for MUTO 112. A jury may be required.

**Credits:** 2

**Prerequisites:**

Restricted: Music majors only

**MUSG 155: Solo Vocal Literature**

Explore the evolution of Western art song literature from the Classic period to modern day. Learn to place composers within their historical context and chart the evolution of German, French and American art song, noting characteristics of each genre.

**Credits:** 2

**Prerequisites:**

Spring semester only

**MUSG 156: Diction for Singers**

Explore the International Phonetic Alphabet (IPA); utilizing it to learn correct pronunciation and articulation for singing literature in English, Latin and Italian. Fall semester only.

**Credits:** 3

**MUSG 157: Diction or Singers II**

Explore various articulations and pronunciations of French and German literature using the International Phonetic Alphabet. Study song delivery, stylistic interpretation; lyrical interpretation. performance practices, etc; Explore various literature through weekly listening examples; class performance.

**Credits:** 2

**Prerequisites:**

Prerequisite MUSG 156. Spring semester only.

**MUSG 171: Opera Ens. Workshop I**

Study and perform arias, opera scenes and operas. Learn audition strategies and perform mock auditions.

**Credits:** 1

**MUSG 172: Opera Ens. Workshop II**

Study and perform arias, opera scenes and operas. Learn audition strategies and perform mock auditions.

**Credits:** 1

**MUSG 173: Opera Ensemble Workshop III**

The study and performance of arias, opera scenes and operas. Students also learn audition strategies and perform mock auditions.

**Credits:** 1

**MUSG 174: Opera Ensemble Workshop IV**

The study and performance of arias, opera scenes and operas. Students also learn audition strategies and perform mock auditions.

**Credits:** 1

**MUSG 211, 212: Voice Major I & II**

Instruction in breathing, phonetics, development of tone, legato singing, agility, and major and minor scales and arpeggios.

**Credits:** 6

**MUSG 221, 222: Voice Major III & IV**

Agility, sustained singing, classical vocal embellishments, and major and minor scales and arpeggios. Preparation for qualifying recital

**Credits:** 6

**Prerequisites:**

MUSG 211, 212, or consent of instructor.

**MUSG 231, 232: Voice Major V & VI**

Major and minor scales and arpeggios, German art songs, and arias

**Credits:** 6

**Prerequisites:**

MUSG 221, 222, or consent of instructor.

**MUSG 241, 242: Voice Major VII & VIII**

Major and minor scales and arpeggios; music; German lieder; and Spanish, Russian, and French songs

**Credits:** 6

**Prerequisites:**

MUSG 231, 232, or consent of instructor.

**MUSG 255: Voice Pedagogy**

A systemic study of voice anatomy and acoustics. Development of the vocal mechanism from childhood to maturity. Focus is placed on teaching K-12 music and private lesson strategies. identification and corrections of vocal defects, exploration of vocal health issues and practice teaching. Fall only.

**Credits:** 3

## MUSM - Violoncello

**MUSM 100: Violoncello Instruction I**

Explore beginning techniques of playing the cello; study several approaches and methodologies to improve bowing, intonation, and sound production. Consists of all major and minor scales and arpeggios in two octaves with various bowings; studies by Lee, Schroeder, Greutzmacher, and Alexanian; and Hindemith's Three Easy Pieces.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 101: Violoncello Instruction II**

Explore beginning techniques of playing the cello; study several approaches and methodologies to improve bowing, intonation, and sound production. Consists of all major and minor scales and arpeggios in two octaves with various bowings; studies by Lee, Schroeder, Greutzmacher, and Alexanian; and Hindemith's Three Easy Pieces.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 102: Violoncello Instruction III**

Explore beginning techniques of playing the cello; study several approaches and methodologies to improve bowing, intonation, and sound production. Consists of all major and minor scales and arpeggios in two octaves with various bowings; studies by Lee, Schroeder, Greutzmacher, and Alexanian; and Hindemith's Three Easy Pieces.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 103: Violoncello Instruction IV**

Explore beginning techniques of playing the cello; study several approaches and methodologies to improve bowing, intonation, and sound production. Consists of all major and minor scales and arpeggios in two octaves with various bowings; studies by Lee, Schroeder, Greutzmacher, and Alexanian; and Hindemith's Three Easy Pieces.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 111: Violoncello Minor I**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 111, 112: Violoncello Minor**

Consists of all major and minor scales and arpeggios in two octaves with various bowings; studies by Lee, Schroeder, Greutzmacher, and Alexanian; and Hindemith's Three Easy Pieces.

**Credits:** 2

**MUSM 112: Violoncello Minor II**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 121: Violoncello Minor III**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSM 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 121, 122: Violoncello Minor**

Continuation of MUSM 111, 112

**Credits:** 2

**Prerequisites:**

MUSM 111, 112, or consent of instructor.

**MUSM 122: Violoncello Minor IV**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSM 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 131: Violoncello Minor V**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSM 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 131, 132: Violoncello Minor**

Continuation of MUSM 121, 122

**Credits:** 2

**Prerequisites:**

MUSM 121, 122, or consent of instructor.

**MUSM 132: Violoncello Minor VI**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSM 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 141: Violoncello Minor VII**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSM 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUSM 141, 142: Violoncello Minor**

ea. Continuation of MUSM 131, 132, along with preparation of senior recital

**Credits:** 2

**Prerequisites:**

MUSM 131, 132, or consent of instructor.



**MUSM 142: Violoncello Minor VIII**

Study cello in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Study major and minor scales, arpeggios in three octaves, and solo repertoire from various periods (Baroque, Classical, Romantic, 20th Century).

**Credits:** 2

**Prerequisites:**

MUSM 131, 132

**MUSM 211, 212: Violoncello Major**

Consists of major and minor scales and arpeggios in three octaves; studies by Schroeder, Popper, Dotzauer, and Klengel; and suitable compositions from string literature.

**Credits:** 4

**MUSM 221, 222: Violoncello Major**

Continuation of MUSM 211, 212. Qualifying recital

**Credits:** 4

**Prerequisites:**

MUSM 211, 212, or consent of instructor.

**MUSM 231, 232: Violoncello Major**

Continuation of MUSM 221, 222

**Credits:** 4

**Prerequisites:**

MUSM 221, 222, or consent of instructor.

**MUSM 241, 242: Violoncello Major**

Continuation of MUSM 231, 232, with preparation for senior recital

**Credits:** 4

**Prerequisites:**

MUSM 231, 232, or consent of instructor.

## MUTC - Woodwind Ensemble

**MUTC 111: Woodwind Ensemble I**

Performance Instrumental Ensemble: Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Baroque period to contemporary music.

**Credits:** 1

**MUTC 111, 112: Woodwind Ensemble**

ea. Ensemble for the study and performance of woodwind literature.

**Credits:** 1

**MUTC 112: Woodwind Ensemble II**

Ensemble for the study and performance of woodwind literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

Audition required

**MUTC 121: Woodwind Ensemble III**

Ensemble for the study and performance of woodwind literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

MUTC 111, 112

**MUTC 121, 122: Woodwind Ensemble**

ea. Continuation of MUTC 111, 112

**Credits:** 1

**Prerequisites:**

MUTC 111, 112, or consent of instructor.

**MUTC 122: Woodwind Ensemble IV**

Instrumental Ensemble for the study and performance of woodwind literature. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting. Focus on individual technique, including scales, arpeggios, and exercises to improve intonation, tone, and rhythm. Work on musical interpretation, dynamics, phrasing, and expression.

**Credits:** 1

**Prerequisites:**

MUTC 111, 112

**MUTC 131, 132: Woodwind Ensemble**

ea. Continuation of MUTC 121, 122

**Credits:** 1

**Prerequisites:**

MUTC 121, 122, or consent of instructor.

**MUTC 141, 142: Woodwind Ensemble**

ea. Continuation of MUTC 131, 132

**Credits:** 1

**Prerequisites:**

MUTC 141, 142, or consent of instructor.

**MUTC 201: Flute Ensemble I**

Performance Instrumental Ensemble: Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Baroque period to contemporary music.

**Credits:** 1

**MUTC 202: Flute Ensemble II**

Performance Instrumental Ensemble: Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Baroque period to contemporary music.

**Credits:** 1

**Prerequisites:**

MUTC 201.

**MUTC 203: Flute Ensemble III**

**Credits:** 1

### **MUTC 205: Flute Ensemble V**

Performance Instrumental Ensemble: Study and perform a variety of literature in an ensemble setting. Works will be selected from periods ranging between the Baroque period to contemporary music.

**Credits:** 1

**Prerequisites:**

MUTC 204

## **MUSI - Entertainment Law**

### **MUSI 001: Seminar in Music Business**

Explore and examine various topics relevant to careers in arts management. Fall/ Spring

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **MUSI 016: Jazz Keyboard Harmony**

Learn chord reading and jazz harmonic voicing skills at the piano. Explore harmonic structures within a variety of jazz tunes. Analyze chord progressions and reharmonize chordal structures in jazz and contemporary music.

**Credits:** 2

### **MUSI 031: Intro to Entertainment Law**

An introductory course for all artists which explores contracts, torts, agency, labor relations, copyrights and communications. Fall/Spring.

**Credits:** 3

### **MUSI 031, 032: Introduction to Entertainment Law. 100-305**

An introductory course for all artists which explores contracts, torts, agency, labor relations, copyrights and communications. Fall/Spring.

**Credits:** 3

### **MUSI 032: Intro Entertainment law**

An introductory course for all artists which explores contracts, torts, agency, labor relations, copyrights and communications. Fall/Spring.

**Credits:** 3

### **MUSI 033: Entrepreneur Entertainment Industry**

Explore opportunities in the music, media, and communications industries. Spring.

**Credits:** 3

### **MUSI 035: Marketing for the Arts**

Explore strategies and tactics of marketing for artists and arts management. Gain a deeper understanding of people (populations) and their artistic needs. Examine various topics: segmentation, digital presence, public relations, etc.

**Credits:** 3

### **MUSI 037: Mgmt.&Organ. Behavior for Arts**

Explore the fundamentals of management and organizational behavior in the context of the fine and performing arts by exposing students to the theories, frameworks, and applications of arts management. Examining geographic diversity to ensure materials and discourse reflect the increasingly globalized nature of management. In addition, this class will introduce students to concepts from the social sciences that relate to management and organizational behavior today.

**Credits:** 3

**MUSI 076: Intro to Music Technology I**

Study principal topics of music technology: acoustics, computers, MIDI, digital audio, and tools for music production and scoring, using extensive hands-on experience to enhance understanding.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**MUSI 077: Intro to Music Technology II**

Explore advanced topics of music technology: acoustics, computers, MIDI, digital audio, and tools for music production and scoring. Learn using hands-on experience to enhance understanding.

**Credits:** 3

**Prerequisites:**

A continuation of MUSI 076.

**MUSI 101: Jazz Theory I**

Study jazz music theory, including chord and scale construction and nomenclature; elementary principles of chord voicing and arrangements; chord/scale relationships; and blues, AABA and other song forms.

**Credits:** 3

**MUSI 102: Jazz Theory II**

Study jazz music theory, including chord and scale construction and nomenclature; elementary principles of chord voicing and arrangements; chord/scale relationships; and blues, AABA and other song forms.

**Credits:** 3

**Prerequisites:**

A continuation of MUSI 101.

**MUSI 110: Jazz History**

Study of the history, sociology, culture and development of jazz from its African origins to the present and beyond. Fall/Spring.

**Credits:** 3

**MUSI 110, 111: Jazz History I & II**

(undergraduate). Study of the historical development of jazz from the African heritage to the present.

**Credits:** 6

**MUSI 112: Jazz Seminar**

Reports and discussions of topics relevant to the jazz idiom.

**Credits:** 3

**MUSI 143: Vocal Arranging II**

Learn advanced skills as an arranger of vocal and instrumental ensembles. Understand chord chart writing and arranging techniques relevant to the rhythm section (keyboards, bass, guitar, drums, and percussion) and contemporary rhythm idioms.

**Credits:** 3

**MUSI 159: Independent Study (Jazz)**

**Credits:** 3

**MUSI 160: Vocal Arranging I**

This course is designed to teach and develop advanced skills as an arranger of vocal and instrumental ensembles. Chord chart writing and arranging techniques relevant to the rhythm section (keyboards, bass, guitar, drums, and percussion) and contemporary rhythm idioms will be explained and studied.

**Credits:** 3

**MUSI 183: Jazz Arranging I**

Writing musical arrangements for small ensembles consisting of one, two & three horns plus rhythm section. For each of the three instrumentations we will address several basic arranging techniques.

**Credits:** 3

**MUSI 184: Jazz Arranging II**

Learn writing musical arrangements for small ensembles consisting of one, two & three horns plus rhythm section. Understand each of the three instrumentations to address several basic arranging techniques.

**Credits:** 3

**Prerequisites:**

A continuation of MUSI 183.

**MUSI 193: Jazz Bass Workshop IV**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 2

**MUSI 210: Jazz History (Grad)**

Grad Class

**Credits:** 3

**MUSI 232: Intro to Enter. Law**

An introductory course for all artists which explores contracts, torts, agency, labor relations, copyrights and communications.

**Credits:** 3

**MUSI 255: Adm of Coll Jazz Stud**

Grad Class

**Credits:** 3

## PHIL - Philosophy

### COURSE DESCRIPTIONS

**PHIL 050: Critical Thinking**

**Credits:** 3

**PHIL 051: Principles of Reasoning**

Presents the basic principles and criteria of critical analysis and elementary logic.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 053: Introduction to Philosophy of Science**

Introduces the structure, process, and scope of scientific inquiry and discusses its application in the world.

**Credits:** 3

**PHIL 055: Intro to Philosophy**

Examination of the basic concepts and principles of philosophy concerning being, nature, knowledge, freedom, and God.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**PHIL 057: Intro to Ethics (Honors)**

Critical analysis of some representative standards of moral conduct, with special consideration of their practical application.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 059: Knowledge and Value**

Examination of the procedures used in supporting knowledge claims and value judgments.

**Credits:** 3

**PHIL 082: Representative Thinkers**

Sophomore Honors course on selected Western thinkers and developments in logical theory. One semester is required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 082, 083: Representative Thinkers**

Systematic inquiry into the philosophy of nature and man based on the outstanding works of selected thinkers who have influenced Western thought and civilization.

**Credits:** 3

**PHIL 084: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 084, 085: Directed Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**PHIL 088: Directed Readings for Jrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 088, 089: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**PHIL 092, 093: Senior Departmental Honors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 3

**PHIL 102: Philosophy of Life**

An examination of the meaning of life from various perspectives.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #7: Comprehensive Wellness Practices

**PHIL 106: Problems of Philosophy**

Examination and application of the methods of analysis to problems of philosophy.

**Credits:** 3

**PHIL 110: Classical Ethics**

Analysis of the nature of moral conduct, good and evil, vice and virtue, and other topics in ethics as they are treated by such classical moralists as Socrates, Plato, Aristotle, Bentham, Mill, and Kant.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 112: Intro to Soc & Pol Philosophy**

An introduction to the traditional themes of political philosophy concerning justice, the individual and society, and the best and worst regimes. Readings from Plato to Habermas.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 113: Philosophy of Literature**

Considers three questions through close study of great writers of literature, such as Euripides, Plato, Aristotle, Shakespeare, Kafka, Camus, Heidegger, Nietzsche, Sartre, Derrida and Harris. The three questions: "What do philosophers have to learn from literature? In what sense does literature convey "truth?" How does one go about interpreting a text?"

**Credits:** 3

**PHIL 114: Feminist Philosophy**

An exploration of the various approaches to the philosophical study and analysis of the experience and perspectives of women. These include the liberal, marxist, socialist and post-modernist approaches to feminism. The course will focus especially on the perspectives of African-American women.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 116: Intro to Interdisciplinary Bio**

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 117: Critical Race Theory****Credits:** 3**PHIL 120: Existentialism**

Study of the primary themes in existentialism, with special emphasis on the differences between its humanistic and theistic branches.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 121: Seminar on Wittgenstein.****Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 130: Independent Study**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 133: Afro-Caribbean Phil****Credits:** 3**PHIL 135: Afro Caribbean Philosophy****Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**PHIL 136: Ethiopian Philosophy****Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**PHIL 137: Forensic Science & Law****Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**PHIL 140: Contemporary Moral Issues**

A philosophical analysis of moral issues confronting contemporary society: violence, welfare, abortion, assisted suicide, war, affirmative action.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning



**PHIL 141: Topics in Philosophy of Language**

This course is an investigation of specific topics in philosophy of language with specific focus on African-American issues. Topics will vary from time to time.

**Credits:** 3

**PHIL 142: Topics in African Philosophy**

An investigation of specific topics in contemporary African Philosophy. Topics vary from time to time.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #6: Leadership and Applied Learning

**PHIL 143: Topics in Afri-Amer Philosophy**

An investigation of specific topics in contemporary African-American Philosophy. Topics vary from time to time.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #6: Leadership and Applied Learning

**PHIL 144: Philosophy of Religion**

Considers the conceptions of God and the religious life in relation to problems of knowledge and value.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 145: Islamic Philosophy**

A study of Islamic philosophy, focusing on major texts and systems.

**Credits:** 3

**PHIL 146: Latin American Philosophy**

Investigation of the major philosophical systems in Latin America.

**Credits:** 3

**PHIL 147: Ethics & Public Policy**

Philosophical investigation of the role of ethics in the formulation and execution of public policy in education, defense, health, housing, environment, etc.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 148: Environmental Ethics**

Consideration of ethical issues in our interaction with the environment, including the impact of developments in technology.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 149: Philosophy of Martin Luther King, Jr**

A study of the major philosophical writings of Martin Luther King, Jr. focusing on his principle of non-violence.

**Credits:** 3

**PHIL 150: Epistemology**

Investigation of the possibility, sources, nature, and scope of knowledge, with examination of both classical and contemporary texts.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 151: Metaphysics**

Examination of the fundamental nature of reality, including such topics as existence, space, time, infinity, causation, possibility, and actuality.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 152: Aesthetics**

An introduction to aesthetics; a variety of theories of art, aesthetic analysis, and aesthetic judgment reviewed and evaluated, and the nature and role of the creative process in human experience are analyzed.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**PHIL 153: Philosophy of Culture**

A philosophical analysis of culture in its various aspects and an investigation of the cultural foundations of philosophical speculations. Issues to be discussed include the meaning of culture, varieties of cultural experiences, cultural identity, cultural pluralism, culture conflict. The course will also focus on issues of race, racism and racial conflict.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**PHIL 154: Phenomenology**

An examination of contemporary continental thought emphasizing the phenomenological philosophies of Husserl, Heidegger, Jaspers, Merleau-Ponty, and Sartre.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 155: Philosophy of Law**

Treats the principles of jurisprudence in classical texts and recent cases.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 156: Pragmatism**

An examination of the philosophy of pragmatism focusing on the contributions of its representative thinkers including Pierce and William James and on its contributions in the fields of epistemology, ethics and religion.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**PHIL 157: Phil Assump & Social Conflicts**

Analysis of philosophical principles applicable in the explanation and evolution of social conflict, with attention given to the meaning and philosophical roots of such notions as culture, nationalism, racism, and totalitarianism. Includes comparative studies of rights, anarchism, and violence.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 158: Business and Professional Ethics**

An analysis of the ethical issues raised in business practices and professional activities. Issues to be discussed include the social responsibility of business, ethical issues raised by advertising, whistle blowing, Employment Rights, Self-regulation and Theories of Economic Justice.

**Credits:** 3

**PHIL 159: Philosophy of Economics**

Does the difference between the subject-matter of natural sciences and economics indicate an unbridgeable gulf between the methodologies of the two disciplines? What kind of science is economics? Is economics value-free or value-neutral? These are the main questions to be addressed in this course. The issue of economic justice will also be discussed.

**Credits:** 3

**PHIL 160: Pre-Socratic Philosophy**

Deals with the birth of Greek philosophy, from prephilosophical world views to systems of the Pythagoreans and atomists.

**Credits:** 3

**PHIL 161: Introduction to Plato**

Study of one or more of Plato's Dialogues, with attention to the dramatic context as well as philosophical argument.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 162: African-American Philosophy**

An examination of the nature of philosophy and a reflection on African-American perspectives in philosophy. The course focuses especially on the context of African-American experience, issues of justice, freedom and identity.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #6: Leadership and Applied Learning

**PHIL 163: Medieval Philosophy**

Major figures in Latin and Arabic traditions, from Augustine through Ockham.

**Credits:** 3

**PHIL 164: Current Topics**

The content of this course varies from semester to semester. It may focus on issues such as the philosophy of technology, on the thought of a current or recent thinker or on an interdisciplinary theme. The course content is announced several months prior to the date the course is offered.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 165: German Idealism**

Explores the texts of the chief exponents of German idealism, especially Kant, Fichte, and Hegel.

**Credits:** 3

**PHIL 166: Philosophy of Language**

Analysis of the philosophical problems raised by the use of language, including theories meaning and the relationship between language, thought and reality.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 167: Hermeneutics or Philosophy of Interpretation**

A study of selected texts in the history of interpretation and hermeneutics, with an eye to answering questions such as "Is there such a thing as an "objective" interpretation of a text?"

**Credits:** 3

**PHIL 168: Seminar on Heidegger**

A study of the thought of Martin Heidegger. Normally several of Heidegger's books are examined and Heidegger's place in Existentialism, as well as the history of philosophy, are discussed.

**Credits:** 3

**PHIL 169: Seminar on Nietzsche**

A study of the thought of F. Nietzsche. Normally several of Nietzsche's books are studied with an eye to Nietzsche's relationship to classical philosophy and his influence on modern philosophy (especially on Existentialism and on Deconstruction).

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 170: Ancient Greek Philosophy**

Reviews philosophers from ancient Greece through the Middle Ages, including the pre-Socratics, Plato, Aristotle.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**PHIL 171: Ancient Egyptian Philosophy**

An investigation of the contributions of ancient Egypt to philosophical scholarship; including the mutual borrowings that occurred between ancient Egypt and ancient Greece.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**PHIL 172: African Philosophy**

Critical examination of such traditional and modern concepts in African thought as life or existence, time, the universe, man and his place in the universe, and God.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**PHIL 173: Ethics of Medical Care**

Examination of such primary topics as the morality of abortion, euthanasia, and human experimentation.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 174: Philosophy of Natural Science**

Analysis of discovery, explanation, and revolution in the natural sciences, with emphasis on the role of models.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 175: Symbolic Logic**

Presents the principles and techniques of analyzing and evaluating deductive arguments through symbolic representation of logical structure.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 176: Contemporary Ethics**

Examination of recent ethical systems.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 177: Philosophy of Social Science**

Investigation of the philosophical problems raised by method and theory in the social sciences.

**Credits:** 3

**PHIL 178: Philosophy of Mind**

Exploration of the concept of a person, the unconscious, and the alleged privacy of mental phenomena.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 179: History of Africana Philosophy**

an historical account of African and African/American philosophy from 1800 to the present. The focus of the course is on thinkers who have contributed to the shaping of African thought in the 19th and 20th centuries.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**PHIL 180: Value Theory: Ethics of AI**

Investigation of the general theory of value, with reference to the value problems of ethics, political theory, aesthetics, and religion.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 181: Philosophy of Logic**

Discussion of views on the nature of logic and the status of its principles, with readings from Frege, Lewis, Strawson, and Quine.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 182: Seminar on Plato**

Reading of selected middle and late dialogues, including Parmenides, Theaetetus, Sophist, and Philebus.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 183: Seminar on Aristotle**

Reading of the Physics, De Anima, and Metaphysics.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 184: Mod Phil 17th & 18th Cent**

Study of representative philosophers since the Renaissance, with special attention given to Descartes, Spinoza, Leibniz, Hume, Kant, and Hegel.

**Credits:** 3

**PHIL 185: Rationalism and Empiricism**

Analysis of theories of knowledge of representative modern and contemporary writers.

**Credits:** 3

**PHIL 186: Philosophy of Kant**

Examination of the Critique of Pure Reason.

**Credits:** 3

**PHIL 187: Philosophy of Hegel**

Study of selected philosophical works, with attention to the Phenomenology of Spirit.

**Credits:** 3

**PHIL 188: Philosophy of Kierkegaard**

Consideration of the major works of Kierkegaard and their influence on contemporary thought.

**Credits:** 3

**PHIL 189: 19th Century Philosophy**

Study of idealism and naturalism, with attention to Schopenhauer, Hegel, Nietzsche, Marx, Comte, and J. S. Mill.

**Credits:** 3

**PHIL 190: Contemporary Philosophy**

An examination of present philosophical tendencies.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 191: Meaning & Truth**

Analysis of problems around the related notions of meaning and truth, including issues in the study of mind and language.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PHIL 192: American Philosophy**

Review of the dominant traditions in American thought, including Calvinism, transcendentalism, idealism, pragmatism, and realism.

**Credits:** 3

**PHIL 193: Comparative Philosophy**

A comparative analysis of the contemporary philosophical orientations of Western, African and Latin-American thought, focusing on ethics, metaphysics, social and political philosophy and on representative schools and individuals.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**PHIL 194: Philosophy of History**

Consideration of critical and speculative theories of history, with attention to methodology, causation, and values.

**Credits:** 3

**PHIL 195: Philosophy of Education**

Analysis of modern theories of education, with attention to the philosophical implications of contemporary experimental techniques.

**Credits:** 3

**PHIL 196: Senior Colloquium**

Introduces students to topical philosophical issues through the format of colloquium in which students meet with invited philosophers who have worked on the issues.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 197: Philosophy of William James**

Systematic study of James' thought, with attention to such crucial themes as moralism, pragmatism, and pure experience.

**Credits:** 3

**PHIL 198: Seminar in Kant's Ethics**

Reading of the Critique of Practical Reason and the Metaphysics of Morals (Part II).

**Credits:** 3

**PHIL 199: Asian Phil:Phil & Prac of Yoga**

Investigation of four fundamental problems of Oriental philosophical traditions: man, the nature of the universe, norms of the moral life, and the validity of knowledge claims, with attention given to methodologies of Hinduism, Buddhism, Confucianism, and Taoism.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**PHIL 200: Senior Seminar**

Investigation of a specific philosophical problem in a seminar format. Topics vary from time to time.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 205: Seminar in Bioethics**

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PHIL 210: Senior Honors Thesis**

Provides students the opportunity to work on a philosophical project with a faculty member. The outcome must be a thesis that is defended before a faculty committee. The oral defense shall be open to students.

**Credits:** 3

**PHIL 710: Classical Ethics- WRTG**

**Credits:** 3

**PHIL 712: Social & Political Phil (WRTG)**

**Credits:** 3

**PHIL 770: Ancient Egyptian Phil (WRTG)**

**Credits:** 3



# PHYS - Physics

## COURSE DESCRIPTIONS

### **PHYS 001: General Physics Lec-Rec-Lab I**

These lecture-laboratory-recitation courses deal with mechanics, heat, sound and waves. This course is algebra-based.

**Credits:** 5

**Prerequisites:**

algebra, trigonometry.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

### **PHYS 001, 002: General Physics**

These lecture/laboratory/recitation courses deal with mechanics, heat, sound, (in PHYS 001) light, electricity and magnetism, and modern physics (in PHYS 002); and are algebra-based. 5 crs. ea.

**Credits:** 5

**Prerequisites:**

algebra, trigonometry.

### **PHYS 002: General Physics Lec-Rec-Lab II**

These lecture-laboratory-recitation courses deal with light, electricity and magnetism, and modern physics. This course is algebra-based.

**Credits:** 5

**Prerequisites:**

algebra, trigonometry.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

### **PHYS 002: General Physics I (Laboratory)**

These lecture-laboratory-recitation courses deal with mechanics, heat, and sound in PHYS-001; and light, electricity and magnetism, and modern physics in PHYS-002; and are algebra-based.

**Credits:** 5

**Prerequisites:**

algebra, trigonometry.

### **PHYS 003: Mathematical Methods for General Physics**

Review and applications of basic mathematics encountered in General Physics 001, 002, 007 and 009. Problems and practical work will be stressed. Not open for credit for students taking General Physics 013, 014, and 015.

**Credits:** 3

### **PHYS 007: Physics for Allied Health**

This lecture/laboratory/recitation course treats the topics of general physics, with emphasis on examples for nursing and allied health students.

**Credits:** 5

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 008: Physics for Architects**

Lecture/recitation course treats mechanics, gravity, sound, thermodynamics, fluids, electricity, magnetism, light, optics, waves, and some modern physics topics with emphasis on topics of interest to architecture students.

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 010: General Astronomy**

Learn about our Solar System and historical attempts to explain the observed phenomena of the sky. Techniques of contemporary astronomical science, the physical nature of the sun and planets, current ideas about the origin, age and fate of the Solar System are presented.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 010, 011: General Astronomy I, II**

each semester. Two-semester course. First Semester: Emphasis on the Solar System. Historical attempts to explain the observed phenomena of the sky. Techniques of contemporary astronomical science. Physical nature of the sun and planets. Life beyond Earth. Current ideas about the origin, age and fate of the Solar System. Second Semester: Emphasis on stars and galaxies. Determination of the distribution and the motions of stars and galaxies in space, their physical properties and their life histories. Violent cosmic phenomena. Expansion of the universe. Search for extraterrestrial intelligence. Two hours of lecture and two hours of laboratory each week.

**Credits:** 3

**Prerequisites:**

algebra, and trigonometry.

**PHYS 012: The Astronomical Universe**

Survey course for non-science majors. Historical development of astronomy, structure of the solar system, properties of planets and comets, recent advances in the exploration of space, the sun and its characteristics, origin and age of the solar system. Introduction to telescopes, spectroscopy and electromagnetic radiation. Life and death of stars, structure of galaxies, cosmology of the universe. Results of space age astronomy. Three hours of lecture and two hours of laboratory each week.

**Credits:** 4

**PHYS 013: Phys for Sci & Engr Lec I**

This lecture/recitation calculus-based course deals with Newtonian mechanics, heat and sound. Pre- or Coreqs.: MATH- 156.

**Credits:** 3

**Prerequisites:**

MATH - 156

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 014: Phys for Sci & Engr Lec II**

This lecture/recitation calculus-based course covers electricity and magnetism, light, and optics. Pre- or Coreqs.: MATH 157.

**Credits:** 3

**Prerequisites:**

MATH - 157

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 015: Intro to Modern Physics**

Lectures include special relativity and an introduction to quantum phenomena with applications in molecular, atomic, nuclear, sub-nuclear and condensed matter physics. Prereqs.: PHYS 014 and MATH 156 and MATH 157.

**Credits:** 3

**Prerequisites:**

PHYS 014 and MATH 156 and MATH 157.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 016: Weather and Society**

This course examines basic weather phenomena, climate variability and climate change, and their associated effects on people.

**Credits:** 3

**PHYS 023: Phys for Sci & Engr Lab I**

Laboratory course to accompany the lecture course Physics for Scientists and Engineers I (PHYS 013).

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 023, 024, 025: General Physics for Science and Engineering Students Laboratory**

ea. Laboratory courses to accompany General and Modern Physics courses PHYS 013, 014, and 015 respectively.

**Credits:** 1

**PHYS 024: Phys for Sci & Engr Lab II**

Laboratory course to accompany the lecture course Physics for Scientists and Engineers II (PHYS 014).

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 025: Phys for Sci & Engr Lab III**

Laboratory course to accompany the lecture course Intro to Modern Physics (PHYS 015).

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 030: Earth and Space Science I**

Topics include an introductory overview; size & distance scale of the Universe; review /introduction to basic physical principles and remote sensing; origins of the Earth & solar system; the solid Earth, its hydrosphere, cryosphere, and atmosphere; and the near-Earth space environment. Laboratory exercises include optics, spectroscopy, study of rocks & minerals, use of star charts & globes and a small reflecting telescope. Also, weather permitting, there may be observing sessions using the Locke Hall Observatory telescope

**Credits:** 3

**Prerequisites:**

High school algebra, trigonometry, and physics (introductory college chemistry, physics & calculus recommended).

**PHYS 031: Earth and Space Science II**

Topics include the moon and the Earth-moon system; the sun; the solar system (major planets & satellites, and minor members); the stars; the interstellar medium; and galaxies and the Universe. Laboratory exercises include use of star charts & globes and a small reflecting telescope. Also, weather permitting, there may be observing sessions using the Locke Hall Observatory telescope

**Credits:** 3

**Prerequisites:**

PHYS 030.

**PHYS 084: Directed Readings for Sophs I**

Physics Majors in the COAS Honors Program work with a mentor to develop a research question and to define the study.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 084, 085: Directed Readings in Honors for Sophomores**

In this Directed Readings course, students are sophomore Physics Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Sophomore Honors, the student works with the mentor to develop the research question and define the study.

**Credits:** 2

**PHYS 088: Directed Readings for Jr. I**

Physics Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 088, 089: Directed Readings in Honors for Juniors I & II**

In this Directed Readings course, students are junior Physics Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Sophomore Honors, the student works with the mentor to develop the research question and define the study.

**Credits:** 2

**PHYS 089: Directed Readings for Jrs II**

Physics Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 092, 093: Senior Departmental Honors**

In this Directed Readings course, students are senior Physics Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Sophomore Honors, the student works with the mentor to develop the research question and define the study.

**Credits:** 3

**PHYS 093: Senior Departmental Honors II**

In this Directed Readings course, students are senior Physics Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Sophomore Honors, the student works with the mentor to develop the research question and define the study.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 130: Introduction to Laser Physics**

Provides an introduction to laser theory via a unified description of laser behavior. Emphasis is on the fundamental principles of lasers and the application of laser principles. Prerequisite: PHYS 178, PHYS 190.

**Credits:** 3

**Prerequisites:**

PHYS 178, PHYS 190

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 131: Plasma Physics**

Topics include single particle motions, plasmas as fluids, waves in plasma, diffusion and resistivity, equilibrium and stability, kinetic theory, nonlinear effects. Course prerequisite or corequisite: PHYS 178 or consent of instructor.

**Credits:** 3

**Prerequisites:**

PHYS 178 or Instructor's consent

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 132: Intro to Nuclear and Particle P**

Topics may include nuclear phenomenology, particle phenomenology, experimental methods, quark dynamics, weak interactions and electroweak unification, models and theories of nuclear physics, nuclear physics applications. Course prerequisite or corequisite: MATH 157, PHYS 190 or with Instructor's consent.

**Credits:** 3

**Prerequisites:**

MATH 157, PHYS 190 or Instructor's consent

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 140: Intro to Astron. & Astrophysics I**

Topics include celestial mechanics, light and matter, special relativity, binary systems, stellar spectra, interiors of stars, interstellar medium, stellar evolution, stellar pulsation, massive stars, remnants of stars, terrestrial planets, giant planets, minor bodies in the solar system, galaxies, active galaxies, and cosmology. Prereq. PHYS - 015 and MATH - 157.

**Credits:** 3

**Prerequisites:**

PHYS - 015, MATH - 157

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 140, 141: Introduction to Astronomy and Astrophysics**

Topics include celestial mechanics, light and matter, special relativity, binary systems, stellar spectra, interiors of stars, interstellar medium, stellar evolution, stellar pulsation, massive stars, remnants of stars, terrestrial planets, giant planets, minor bodies in the solar system, galaxies, active galaxies, and cosmology.

**Credits:** 3

**Prerequisites:**

Phys. 015, Math 157.

**PHYS 141: Intro Astronomy & Astrophysics II**

Topics include celestial mechanics, light and matter, special relativity, binary systems, stellar spectra, interiors of stars, interstellar medium, stellar evolution, stellar pulsation, massive stars, remnants of stars, terrestrial planets, giant planets, minor bodies in the solar system, galaxies, active galaxies, and cosmology. Prereq. PHYS 140

**Credits:** 3

**Prerequisites:**

PHYS - 140

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 143: Observational Astronomy**

Topics may include data sources, statistics and probability, data modeling, properties of CCD's, photometry and telescopes, spectroscopy, infrared astronomy, high energy astronomy, radio astronomy, and adaptive optics. Co- or pre-req. Phys. 140 or instructor's approval.

**Credits:** 3

**Prerequisites:**

PHYS - 140 or instructor's approval

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 145: Cosmology & Mod Astrophysics**

Introduction to astronomy and astrophysics. Requires the ability to understand mathematical and physical concepts (algebra and trigonometry).

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 150: Atmospheric Physics I**

Introduction to astronomy and astrophysics for freshmen who are seriously interested in science. Requires ability to understand mathematical and physical concepts (algebra and trigonometry).

**Credits:** 3

**PHYS 154: Intro to Computational Physics I**

An introduction to computational physics where various techniques for solving physics problems numerically using traditional programming will be taught using the Python language.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 154, 155: Introduction to Digital Computer Programming**

Presents the basic concepts applicable to computers in general and coding of actual problems.

**Credits:** 3

**Prerequisites:**

MATH 007 and consent of instructor.

**PHYS 155: Intro to Computational Physics II**

Part 2 of an introduction to computational physics where various techniques for solving physics problems numerically using traditional programming will be taught using the Python language. Prereq PHYS 154

**Credits:** 3

**Prerequisites:**

PHYS - 154

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 174: Introduction to Biophysics**

Topics considered include the levels of organization within biological systems, flow of energy in living things with an introduction to the thermodynamic systems utilized in biological research; and an introduction to the physical techniques used in the study of biological systems. Prereq.: PHYS 002.

**Credits:** 3

**Prerequisites:**

PHYS 002

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 175: Thermodynamics**

Introduces the laws of thermodynamics and applications, along with kinetic theory and statistical mechanics. Prereqs. PHYS 002 or PHYS 014 and MATH 157 and MATH 159

**Credits:** 3

**Prerequisites:**

PHYS 002 or PHYS 014 and MATH 157 and MATH 159

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 176: Optics**

Explores refraction, optical instruments, interference, diffraction, and polarization. Prereqs.: PHYS 002 or PHYS 014 and MATH 157 and MATH 159

**Credits:** 3

**Prerequisites:**

PHYS 002 or PHYS 014 and MATH 157 and MATH 159

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 178: Electricity & Magnetism I**

One year intermediate level course which covers electrostatics, magnetostatics, electric circuits, Maxwell's equations and electromagnetic waves. Prereqs.: PHYS 002 or PHYS 014, and MATH 156, -157 and -159.

**Credits:** 3

**Prerequisites:**

PHYS 002 or PHYS 014, and MATH 156, -157 and -159.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 178, 179: Electricity and Magnetism I & II**

One-year intermediate level course that covers electrostatics, magnetostatics, electric circuits, Maxwell's equations and electromagnetic waves.

**Credits:** 6

**Prerequisites:**

PHYS 002 or PHYS 014, and MATH 156, MATH 157, and MATH 159.

**PHYS 179: Electricity & Magnetism II**

One-year intermediate level course that covers electrostatics, magnetostatics, electric circuits, Maxwell's equations and electromagnetic waves. Prereqs.: PHYS 002 or PHYS 014, and MATH 156, -157 and -159.

**Credits:** 3

**Prerequisites:**

PHYS 002 or PHYS 014, and MATH 156, -157 and -159.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 180, 181: Electronic Physics**

This lecture/laboratory course provides a solid background in analog and digital electronics and instrumentation. The first semester involves mostly analog electronics and the second semester mostly digital electronics.

**Credits:** 3

**PHYS 182: Physical Mechanics I**

Part 1 of a one-year course which examines particle and rigid body dynamics, central forces, vector analysis, oscillatory motion, and Lagrangian mechanics. Prereqs.: PHYS 001 or PHYS 013, and MATH 156, -157 and -159

**Credits:** 3

**Prerequisites:**

PHYS 001 or PHYS 013, and MATH 156, -157 and -159

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 182, 183: Physical Mechanics I & II**

This one-year course examines particle and rigid body dynamics, central forces, vector analysis, oscillatory motion, and Lagrangian mechanics.

**Credits:** 6

**Prerequisites:**

PHYS 001 or PHYS 013, and MATH 156, MATH 157, MATH 159.

**PHYS 183: Physical Mechanics II**

Part 2 of a one year course which examines particle and rigid body dynamics, central forces, vector analysis, oscillatory motion, and Lagrangian mechanics. Prereq.: PHYS 182.

**Credits:** 3

**Prerequisites:**

PHYS - 182

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 186: Observational Techniques**

The use of a modern research telescope and its accessories. Time, coordinates, star charts and catalogues. Astronomical photography. Photoelectric photometry. Spectroscopic observations. Data reduction techniques. Two lectures and an observing or laboratory session each week.

**Credits:** 3

**Prerequisites:**

An introductory astronomy course, General Physics, calculus.

**PHYS 187: Senior Seminar**

Weekly departmental seminars covering contemporary physics topics.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 190: Quantum Physics I**

Introduction to quantum physics and relativity. Includes discussion of Schrodinger equation and its application to atomic and molecular spectra, a brief introduction to lasers, solid state, nuclear physics, elementary particles. Prereqs.: PHYS 183 and MATH 156, -157 and -159.

**Credits:** 3

**Prerequisites:**

PHYS 183 and MATH 156, -157 and -159

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 190, 191: Quantum Physics I & II**

Presents atomic, molecular, solid-state, and nuclear physics, along with elements of relativity and quantum theory.

**Credits:** 6

**Prerequisites:**

PHYS 183 and MATH 156, MATH 157, MATH 159.

**PHYS 191: Quantum Physics II**

Part 2 of an introduction to quantum physics and relativity. Includes discussion of Schrodinger equation and its application to atomic and molecular spectra, a brief introduction to lasers, solid state, nuclear physics, elementary particles. Prereqs.: PHYS 190

**Credits:** 3

**Prerequisites:**

PHYS - 190

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World



**PHYS 192: Intro to Mathematical Physics**

Treats vectors and tensors, linear transformations, complex variables, calculus of residues, partial differential equations of physics, Green's functions, Strum-Liouville theory, orthogonal functions, and Fourier transform methods.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 192, 193: Introduction to Mathematical Physics**

Treats vectors and tensors, linear transformations, complex variables, calculus of residues, partial differential equations of physics, Green's functions, Strum-Liouville theory, orthogonal functions, and Fourier transform methods.

**Credits:** 3

**Prerequisites:**

consent of instructor.

**PHYS 193: Intro to Math Physics II**

Part 2 of a one year course that treats vectors and tensors, linear transformations, complex variables, calculus of residues, partial differential equations of physics, Green's functions, Strum-Liouville theory, orthogonal functions, and Fourier transform methods. Prereq: PHYS 192

**Credits:** 3

**Prerequisites:**

PHYS - 192

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 194, 195: Experimental Physics I and II**

Research training including data reduction and error analysis for physicists. Topics include instrumental and statistical uncertainties, propagation of error, probability distributions, method of least squares, curve fitting, and experimental design. Selected experiments in mechanics, heat, optics, electricity and magnetism, atomic and nuclear physics, and electronics, and computer programming. Technical writing skills for the production of scientific publications and reports are emphasized. The course PHYS 194 is the same as PHYS 702 Experimental Physics WRTG.

**Credits:** 3

**Prerequisites:**

PHYS 013/014.

**PHYS 196: Senior Thesis**

Research problems for senior physics majors.

**Credits:** 1

**Prerequisites:**

PHYS 194 and senior status in physics.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 197: Senior Thesis**

Research problems for senior physics majors.

**Credits:** 1

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 224: Introduction to Laser Physics**

Provides an introduction to laser theory via a unified description of laser behavior. Emphasis is on the fundamental principles of lasers and the application of laser principles. Prerequisite: PHYS 178, PHYS 190.

**Credits:** 3

**Prerequisites:**

PHYS 178, PHYS 190

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 702: Experimental Physics I**

Research training including data reduction and error analysis for physicists. Topics include instrumental and statistical uncertainties, propagation of error, probability distributions, method of least squares, curve fitting, and experimental design. Selected experiments in mechanics, heat, optics, electricity and magnetism, atomic and nuclear physics, and electronics, and computer programming. Technical writing skills for the production of scientific publications and reports are emphasized. The course PHYS 194 is the same as PHYS 702 Experimental Physics WRTG.

**Credits:** 3

**Prerequisites:**

PHYS 014, PHYS 015 or Instructor's consent

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

## POLS - Political Science

### COURSE DESCRIPTIONS

**POLS 001: Introduction to Political Science**

Introduction to the basic concepts and substantive divisions of the field of political science.

**Credits:** 3

**POLS 002: Intro to Research in Pol Sci**

Introduction to the various methods and approaches to the analysis of political phenomena used in the field of political science.

**Credits:** 3

**Prerequisites:**

POLS 001.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**POLS 003: Intro to Comp Politics**

Provides a basic knowledge of the functions of government as a social institution by using a comparative approach.

**Credits:** 3

**Prerequisites:**

POLS 001 or POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 004: Intro to Political Theory**

Examination of theoretical approaches to the study of politics and an analytical introduction to the basic political concepts in their historical context.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**POLS 005: Intro to African Politics**

Survey of certain concepts of African society as they relate to contemporary political institutions in Africa and a historical view of recent political developments before and after independence.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**POLS 006: Pan-Africanism**

Comparative analysis of political behavior in black communities. Satisfies Afro-American studies requirement.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**POLS 007: Intro to Black Politics**

A general overview of black politics involving (1) a historical analysis of the black political experience, (2) economic and cultural aspects of the black experience, (3) black ideology and theory, (4) measurements of black political power, (5) leadership in black communities and organizations, (6) black political movements, (7) legal aspects of black politics, (8) black political behavior, and (9) critique of the methods of studying black politics.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**POLS 008: Intro to Political Economy**

Focuses on the interrelationship between the political process and the economic process, involving the production, distribution and consumption of goods and services. Offers a discussion of the basic theoretical approaches that attempt to explain this interrelationship both within and between societies divided into classes, and ethnic or religious groups.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**POLS 010: Nat'l Gov't of the U S**

Introduction to the origins, development, and organization of the U.S. government.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 011: State & Local Government**

Examination of the role and functions of state and local government in the U.S. federal system.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 023: ST: Black Political Activism**

**Credits:** 3

**POLS 032: International Law**

**Credits:** 3

**POLS 052: ST: Diplomacy: Theory & Prac.**

**Credits:** 3

**POLS 081: IS: Political Science Research**

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 082: IS: Political Science Research**

**Credits:** 2

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 083: IS: Political Science Research**

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 084: Direct Read Hnrs for Sophomore**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 084, 085: Directed Reading in Honors for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 1

**POLS 085: Direct Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 086: Direct Read Hnrs for Freshman**

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 088: Direct Read Hnrs for Jrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 088, 089: Directed Reading in Honors for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 1

**POLS 089: Directed Readings for Jrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 092: Senior Departmental Honors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 3

**POLS 092, 093: Senior Departmental Honors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 3

**POLS 093: Direct Readings for Seniors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 3

**POLS 100: Black Queer Politics**

**Credits:** 3

**POLS 104: Human Rights in the Americas**

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 105: Political Geography**

**Credits:** 3

**POLS 125: Politics of Third World**

Survey of the political process in the non-Western world designed to test theories projecting the impact of modernization on governmental structure.

**Credits:** 3

**Prerequisites:**

POLS 001.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 126: African Nationalism**

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 128: Intro. to Intl. Relations**

Introduction to the basic problems of international relations arising out of the power competition of states, and to the methods for the settlement of international disputes.

**Credits:** 3

**Prerequisites:**

POLS 001 and POLS 003.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 129: Religion and Global Politics**

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 130: Disability and Representation**

**Credits:** 3

**POLS 131: Pol., Soc. & the Armed Forces**

**Credits:** 3

**POLS 132: Lobbying & Glob.Corp Govt Rel.**

**Credits:** 3

**POLS 133: Campaign Data Analytics**

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 134: Spec.Top.: American Democracy**

**Credits:** 3

**POLS 135: ST: Global Leadership Dev.**

**Credits:** 3

**POLS 136: ST:Women,Gender&Transnt'l Pers**

**Credits:** 3

**POLS 138: Sem: Community Develop**

**Credits:** 3

**POLS 139: Science of Public Policy**

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 140: American Political Parties**

Consideration of the operation of parties under the American system of government.

**Credits:** 3

**Prerequisites:**

POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 141: American Public Opinion and Pressure Groups**

Examination of public opinion and its effect on political action, with emphasis on opinion formation and measurements, propaganda, and pressure group aims and activities.

**Credits:** 3

**Prerequisites:**

POLS 001 or POLS 010.

**POLS 142: Judicial Process**

Analyses of the federal courts and the relations and powers of federal and state governments.

**Credits:** 3

**Prerequisites:**

POLS 001 and POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 143: Black Politics: Electoral and Nonelectoral**

Studies the rise, fall, and reemergence of the black electorate in the United States. Satisfies English writing course requirement.

**Credits:** 3

**Prerequisites:**

POLS 001 and POLS 010.

**POLS 144: American Presidency**

Analyses of the sources, bases, and character of presidential power, with consideration of the relationships of the executive office to government, public, and private groups.

**Credits:** 3

**Prerequisites:**

POLS 001 and POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 145: Intro to Public Administration**

Presents the basic concepts of public administration and the administrative problems of organization, procedure, personnel, financial administration, administrative law, and public relations.

**Credits:** 3

**Prerequisites:**

POLS 001 and POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 146: Public Personnel Administration**

Study of the basic principles of personnel management applicable to both public service and private enterprise.

**Credits:** 3

**Prerequisites:**

POLS 010.

**POLS 147: ST: Politics & Punishment**

Deals with selected problems in organization and program management, concentrating on action programs, goals and priorities, the process of creating new organizations and programs, citizen participation, special-interest control of programs, interprogram coordination, and program evaluation, with particular reference to factors governing success and failure.

**Credits:** 3

**Prerequisites:**

POLS 001, POLS 145, and POLS 146.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 148: Gov't & Politics of D C**

A study of the government and politics of the District of Columbia, focusing on relations between Congress and the local government during the current home rule period.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 149: Intro to Pub Policy Analysis**

Introduces students to the basic theories and concepts of policy analysis, with particular emphasis on the policy-making process at the federal level; examines such selected policy issues as welfare, health insurance, and housing; and seeks to assess the impact of policy decisions on blacks, the poor, and other minorities. (See also POLS 145, POLS 147, and POLS 148.)

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 150: Internship I**

Limited internship opportunities available to political science majors in the local community, or in federal or local government. Interns work 15-20 hours per week, depending on the agreement and their schedules. Three credit hours may be awarded per semester for each internship. A maximum of six credit hours may be awarded if the student takes POLS 150 (fall semester) and POLS 151 (spring semester).

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**POLS 150 , 151: Internship in Political Science.**

Limited internship opportunities available to political science majors in the local community, or in federal or local government. Interns work 15-20 hours per week, depending on the agreement and their schedules. Three credit hours may be awarded per semester for each internship. A maximum of six credit hours may be awarded if the student takes POLS 150 (fall semester) and POLS 151 (spring semester).

**Credits:** 3-6

**POLS 151: Internship II**

Limited internship opportunities available to political science majors in the local community, or in federal or local government. Interns work 15-20 hours per week, depending on the agreement and their schedules. Three credit hours may be awarded per semester for each internship. A maximum of six credit hours may be awarded if the student takes POLS 150 (fall semester) and POLS 151 (spring semester).

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 152: Internship III**

Students may register for this course only with the permission of the instructor. Permission will be given to students who win national or regional internship competitions for placements in settings such as the Supreme Court, the White House, and the State Department. Credit hours will be awarded based on the hours per week required by the internship.

**Credits:** 1-12

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 153: Internship IV**

**Credits:** 6

**POLS 154: Gender, Law & Politics**

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 156: Administrative Law**

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 159: Simulation of Intrn'tl Organ**

This course examines the organization, role, and performance of regional international organizations through simulation (modeling) augmented by class lectures and briefings at various embassies and diplomatic missions. The North Atlantic Treaty Organization (NATO) and the Organization of African Unity (OAU) will be highlighted. Students from various universities will participate.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 160: American Political Thought**

A study of the origins and development of American political thought from the colonial period to the present.

**Credits:** 3

**Prerequisites:**

Junior standing

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 162: Seminar in Survey Methods**

Allows participants to design and implement a survey.

**Credits:** 3

**Prerequisites:**

POLS 002.



**POLS 163: Constitutional Law**

Historical development of constitutional law, demonstrating how the law has grown and changed in relationship to the political and social climate existing at the time.

**Credits:** 3

**Prerequisites:**

POLS 001, 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 164: Constitutional Law II**

Presents the rights of individuals and groups under the U.S. Constitution as interpreted by the U.S. Supreme Court in selected landmark cases.

**Credits:** 3

**Prerequisites:**

POLS 001, 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 165: Urban Political Economy**

Uses tools of political economy to examine critical urban problems. Concentrates on understanding the political economy perspective as well as applying this analytic approach to the study of such problems as the fiscal crisis of the cities, urban structure and movements, and the crisis in some key areas such as housing, education, employment, poverty, transportation, crime, etc.

**Credits:** 3

**POLS 166: Russian Politics**

An examination of post communist Russia and the international and domestic forces that gave rise to it. The course explores Russian's foreign and domestic policies and the CIS system.

**Credits:** 3

**Prerequisites:**

POLS 003 and 1POLS 28.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 167: Socialism**

The essentials of modern socialistic thought. Strong emphasis on the basics of Marxism.

**Credits:** 3

**POLS 169: Government and Politics of Southern Africa**

Analyzes the political problems in Angola, Mozambique, Republic of South Africa, Zimbabwe, Lesotho, Botswana, and Swaziland.

**Credits:** 3

**Prerequisites:**

POLS 005.

**POLS 170: Govt & Pol of Cent Am & Carib**

Presents the present political developments in Mexico, the Central American republics, and the Caribbean.

**Credits:** 3

**Prerequisites:**

POLS 001.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 171: Govt & Pol of So Am Countries**

Studies political institutions and structures in Latin American states south of Panama.

**Credits:** 3

**Prerequisites:**

POLS 001 and POLS 003.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 172: Government and Politics of the Far East**

Explores the constitutional structure and political development of Mainland China, Taiwan, Japan, and Korea.

**Credits:** 3

**Prerequisites:**

POLS 001.

**POLS 173: Govt & Politics of the Mideast**

Study of the government structure of countries of the Middle East and Northern Africa.

**Credits:** 3

**Prerequisites:**

POLS 001 or POLS 128.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 174: Govt & Politics of South Asia**

Study of nation building in India, Pakistan, Ceylon, and Nepal.

**Credits:** 3

**Prerequisites:**

POLS 001.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 175: Government and Politics of Southeast Asia**

Covers the political situation in Malaysia, Burma, Thailand, Laos, Cambodia, Vietnam (North and South), and Indonesia.

**Credits:** 2

**Prerequisites:**

POLS 001.

**POLS 176: Govt & Pol in Tropical Africa**

Examines the political and governmental developments and problems in the states of Tropical Africa.

**Credits:** 3

**Prerequisites:**

POLS 005.

**POLS 178: American Foreign Policy**

Survey of the objectives and the formulation of American foreign policy.

**Credits:** 3

**Prerequisites:**

POLS 128.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 179: Foreign Policies of the Major Powers**

Survey of the basic policies of the contemporary major powers: Great Britain, the Soviet Union, France, Germany, Japan, and China.

**Credits:** 3

**Prerequisites:**

POLS 128.

**POLS 180: Urban Government & Politics**

Involves study of the urbanization and growth of cities; development, structure, theory, functions, and politics of modern municipalities; and administrative organization and process.

**Credits:** 3

**Prerequisites:**

POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 181: America Legislative Process**

Examination of the machinery and function of lawmaking in the United States.

**Credits:** 3

**Prerequisites:**

POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 182: Decolonizing Disability**

**Credits:** 3

**POLS 183: Race & Public Policy**

Combines perspectives from the fields of black politics and public policy and administration to develop a theoretical perspective on the convergence of race and public policy, and a set of policy relevant strategies on important problems and issues of special relevance to the national black community.

**Credits:** 3

**Prerequisites:**

POLS 007 and/or POLS 149, or permission of instructors.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 184: Problems in Amer Democracy**

Examination of selected major issues of public policy, long-term and current forces, and problems challenging contemporary society. Interdisciplinary in method and content.

**Credits:** 3

**Prerequisites:**

students in the social sciences with junior standing and above; also POLS 001 and POLS 010.

**POLS 185: Political Behavior**

Deals with American political behavior. Covers theory, method and products of scientific study of American politics and American political behavior. Open to majors or minors in political science with junior standing or above. (Offered once a year.)

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 186: Administrative Law**

Study of cases, illustrating how the conduct of public officials is regulated.

**Credits:** 3

**Prerequisites:**

POLS 142 or POLS 145.

**POLS 187: Urban Black Politics**

A survey of the major forces at work in the metropolitan area that are radically changing urban and suburban politics, including the politics of social change and of modernization.

**Credits:** 3

**Prerequisites:**

Political science majors and minors with junior standing and above; POLS 011.

**POLS 188: European Politics****Credits:** 3**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions**POLS 189: Black Political Theory**

Study of developing types of political strategy based on the analysis of various black political situations, utilizing gaming, role playing, systems analysis, and other relevant techniques.

**Credits:** 3**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions**POLS 190: Classical and Medieval Thought**

Presents political theorists from Plato through the theorists of the medieval period.

**Credits:** 3**Prerequisites:**

Majors or minors with junior standing or above.

**POLS 191: Modern Political Theory**

Study of the ideas and historical social contexts of political theorists of the Renaissance through the nineteenth century.

**Credits:** 3**POLS 192: Contemp Approach to Pol Theory**

Study of the ideas and historical-social contexts of twentieth century political theorists.

**Credits:** 3**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions**POLS 193: Special Topics in Pol Theory**

In depth study of important topics and/or writers in political theory.

**Credits:** 3**Prerequisites:**

Open to majors in political science with junior or senior standing.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions**POLS 194: Politic of Campaign Management**

Designed to give the student an opportunity to learn and gain experience in the practical aspects of politics. Where convenient, direct involvement in political campaigns will provide first-hand experience.

**Credits:** 3**Prerequisites:**

Junior, senior, or graduate standing.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions**POLS 195: Nationalism and Revolution**

Explores the theories of revolution in modern times, the relationship between nationalism and revolution, and their impact in selected countries.

**Credits:** 3**Prerequisites:**

Junior status or above.

**POLS 196: Seminar in Black Politics**

Seeks to develop accurate conceptualization of the substance of black political behavior by examining interaction between the class and real political situations. A secondary, though no less important objective, is to apply these concepts to the analysis of ongoing problems with which the black community is chronically confronted.

**Credits:** 3

**Prerequisites:**

POLS 143 and junior status.

**POLS 197: Comparative Political Parties**

Comparative analysis of political party systems of selected countries.

**Credits:** 3

**Prerequisites:**

POLS 001 open to majors and minors with junior standing or above.

**POLS 198: The United Nations and Regional Organization**

Study of the origin, structure, procedure, and current status of the United Nations and an analysis of the structure and functions of various regional organizations.

**Credits:** 3

**Prerequisites:**

POLS 128.

**POLS 199: Behavioral Research Methods**

The fundamentals of Research Design, data collection and analysis, elementary statistics and computer use.

**Credits:** 3

**Prerequisites:**

POLS 002.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**POLS 701: Political Anal-Writing**

**Credits:** 3

**POLS 772: Gov't & Politics of Far East**

**Credits:** 3

**POLS 773: Govt & Pol of Mid East**

**Credits:** 3

**POLS 791: Modern Political Theory-WRTG**

**Credits:** 3

## PSYC - Psychology

### COURSE DESCRIPTIONS

**PSYC 001: Foundations of Psyc Science**

Foundations of Psychological Sciences. Explores the application of scientific methods to the study of behavior and mental activity. Examines classic studies of brain and behavior relationships, behavioral genetics, sensation and perception, learning and memory, thinking, emotions, and social behavior. Studies how scientific investigations are designed to contribute to our knowledge in each area. Promotes the understanding of the steps taken within a variety of branches of psychology to identify the causes, consequences and the correlates of behavior. Prereq: None

**Credits:** 4

**Prerequisites:**

None

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #7: Comprehensive Wellness Practices

**PSYC 002: Research Design & Analysis**

Research Design and Analysis. Provides an introduction to the research process, research design, and analytic methods. Explores both quantitative and qualitative research designs and analytic techniques that are common in psychological science. Engages in critical thinking and discussions of approaches to conducting research. Promotes skills for identifying and describing the appropriate research designs for variety of psychological questions, the capacity to summarize key features common to research designs used within psychological science. Prereq: 001

**Credits:** 4

**Prerequisites:**

Foundations of Psyc Science

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**PSYC 003: Statistics I (Lec/Lab)**

Statistics 1. Provides an introduction to the application of quantitative methods to psychological research. Introduces descriptive and inferential statistical concepts, hypothesis testing and the use of statistics for testing correlational relationships and differences between sample means. Understand and practice the use of open-source statistical packages to examine the central tendencies of variables, mean differences in simple factorial designs and bivariate correlations and simple regression statistics, Prereq:- Psyc 001, 002

**Credits:** 4

**Prerequisites:**

Foundations of Psyc Science; Research Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**PSYC 004: Statistics II (Lec/Lab)**

Statistics II. Continues the examination of quantitative methods in psychology initiated in PSYC 003. Explores the use of confidence intervals, statistical applications to research designs with more than one factor, statistical power, multiple regression analyses, and nonparametric tests. Lectures and laboratory. Apply open-source statistical programs to the analysis of increasingly complex sets of data. Understand when particular statistical techniques should be used and what assumptions must be met when these techniques are used. Prereq. Psych 001,002,003.

**Credits:** 4

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis; Stats I

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**PSYC 011: Capstone Senior Seminar**

Capstone Senior Seminar. Provides a synthesis of the information amassed throughout the undergraduate experience with major courses. Builds on the knowledge and experience gained as a psychology major and discusses current readings on selected topics. Explores the educational and career options available upon graduation, as well as strategies that will help in attain future goals. Prereq. Senior Status Psyc: 001, 002

**Credits:** 1

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis; Stats I; 4 Core Content Domain Courses

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**PSYC 012: Seminar in Current Topics**

Seminar in Current Topics. Rotate current research and applied content in psychology each semester. Coverage and content area is determined by individual instructors. Prereq: 050 or 001; 002,

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**PSYC 013: Adv Sem in Quantitative Psych**

Advanced Seminar in Quantitative Research Methods. Explores advanced statistical research concepts, methodological approaches, and analysis techniques. Overviews topics including the designing of quantitative research studies, posing psychological questions, analyzing quantitative psychological data, and writing research reports. Understands key features of complex quantitative research data collection approaches and analyses techniques, and gainsan understanding of internal, external, construct, and statistical conclusion validity.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis; Stats I; Stats II

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PSYC 014: Adv Sem. in Qualitative Method**

Advanced Seminar in Qualitative Research Methods. Explores advanced concepts, debates, and methodological approaches in qualitative inquiry in psychology. Engage in designing qualitative research studies to answer psychological questions, analyzing qualitative psychological data, and writing research reports. Understanding of key features of complex qualitative research data collection approaches and analyses techniques.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Research Design & Analysis; Stats I; Stats II

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #5: Social Responsibility and Knowledge of Political Institutions

**PSYC 016: Psychology New Student Orientation**

This introductory course provides a broad overview of the field of psychology and exposes students to the multi-faceted components of psychology as a science through course readings, experiential exercises and assessment assignments. Students will become familiar with research, practice and application areas of psychology, which will serve as a foundation for successfully executing intermediate and advanced courses comprising the psychology major.

**Credits:** 1

**Prerequisites:**

Prereq: 001, 002, 003, 004

**PSYC 017: Psychology Research Colloquium**

This course engages students in a lecture series led by experts on various psychological topics, methods, and applications. Students are expected to attend lectures, as well as engage in related reading and writing assignments. Emphasis will be placed on understanding the range of domains of scientific inquiry in the field of psychology and the ways in which research techniques define the types of questions that can be asked at a given level of analysis.

**Credits:** 3

**Prerequisites:**

Prereq: 001, 002

**PSYC 020: Abnormal Psychology**

Abnormal Psychology. This course provides an examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on terminology, classification, etiology, assessment, and treatment of the major disorders. We also offer a writing-intensive version of this course.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Research Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #7: Comprehensive Wellness Practices



**PSYC 021: Cognitive Psychology**

Cognitive Psychology. Provides an overview of research on information processing and the applications findings to daily activities. Examines how findings relate to human perception, attention, memory, language, reasoning, decision-making, and problem solving. Master the ability to critically evaluate cognitive psychology research and identify the broader social implications of findings in studies of human information processing Prereq. Psc 001, 002.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**PSYC 022: Developmental Psychology**

Developmental Psychology. Explores facets of basic and more complex psychological processes throughout the lifespan. Focuses on how these processes change with age and how psychological, social, and biological process interact to produce these changes. Studies physical, cognitive, social and emotional and psychological development from the prenatal period to old age. Prereq 001, 002.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**PSYC 023: Neuropsychology**

Neuropsychology. Provides a fundamental understanding of concepts in physiological psychological research. Critically examines the clinical and experimental approaches used to study of human brain-behavior relations. Surveys the research terrain related to understanding of the brain's structural and functional organization. Examines paradigms that are organized around the idea that brain functions are influenced by a host of sociocultural, biological, psychological and spiritual factors. Emphasizes diversity topics (e.g., gender, race/ethnicity, religion, social, age) and brain health in the context of these biopsychosocial and spiritual factor Prereq. 001, 002

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PSYC 024: Personality Psychology**

This course provides an introduction to human personality theories, methods, and research. Throughout the course, students explore the scientific study of personality traits, social learning, motives, personalized goals, developmental tasks, defense mechanisms, cognitive schemas, emotional intelligence, and narrative identity. By the end of the course, students will be able to apply personality theories and research methods to improve their own personal effectiveness, as well as to conduct a person centered personality analysis that incorporates sociocultural complexity within lives.

**Credits:** 3

**Prerequisites:**

Prereq: 001, 002

**PSYC 025: Social Psychology**

Social Psychology. Surveys of how the social world influences our thoughts, feelings, and behaviors. Examines theories, experimental evidence and real world examples to explain everything from love to aggression, criminal law to marketing and persuasion, as well as prejudice and discrimination. Prereq. 001, 002.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #7: Comprehensive Wellness Practices

**PSYC 030: Psychology of the Black Exp**

Psychology of the Black Experience. Examines the experience of blacks in American from the psychological point of view; historical, clinical, and laboratory sources are reviewed.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Intro to Psychology

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PSYC 031: Cross Cultural Psyc.**

Cross cultural Psychology. Explores culture-related variations in behavior: culture and cognition, perception and personality. Considers cross-cultural methods and measurement problems.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PSYC 032: Psychology of Gender**

Psychology of Gender. Builds on intersectionality of gender, race, and sexuality. Understands how factors and forces further influenced by written and largely unwritten social policies in the larger social context and the individual's social ecologic context. Explores and analyzes the role of biology, historical legacies, racialized institutions and equity impact and influence gender development and expression. Prereq 050 or 001, 002

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**PSYC 033: Psychology of Race and Racism**

This course is designed to give the serious student an opportunity to use psychological methods to advance her or his knowledge of racism and its consequences. A central purpose is to provide you the opportunity to think critically about racism.

**Credits:** 3

**Prerequisites:**

Prereq: 050 or 001

### **PSYC 034: Intro to Clinical Psychology**

Introduction to Clinical Psychology. Gives students a broad overview of the application of psychological knowledge to the assessment and treatment of psychological disorders. Explores the practice of clinical psychology and selected guiding theories, undergraduate/graduate educational requirements, postdoctoral training, licensure, job opportunities for clinical psychologist and continuing educational development. Explores the history and development of clinical psychology, clinical assessment, including the clinical interview and psychological testing, clinical interventions, theories of psychotherapy and evidence-based practice. Emphasizes topics related to working with culturally diverse groups. Prereq 001, 002.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #6: Leadership and Applied Learning

ELO #7: Comprehensive Wellness Practices

### **PSYC 035: Health Psychology**

Health Psychology. Explores the study of the psychological, biological, and social processes that influence health, illness, and healthcare. Understand models that specify the psychological, biological, cultural, and behavioral processes that contribute to physical health, illness and overall wellbeing. Prereq. 001, 002.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #6: Leadership and Applied Learning

ELO #7: Comprehensive Wellness Practices

### **PSYC 036: Learning and Memory**

Learning and Memory. Surveys findings, theories, and and controversial issues issues related to human learning. Ecposes classical and modern theories of memory and learning priniciples. Prereq 001, 002.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

### **PSYC 037: Educational Psychology**

This course will provide a survey of the field of educational psychology. Throughout the course students will explore the development and application of psychological theory to education.

**Credits:** 3

**Prerequisites:**

PSYC 050 or PSYC 001, 002

### **PSYC 038: Psychology of Media**

Psychology of Media. Focuses on how aesthetic and creative messages impact values, motivations, cognitions, attitudes, self psychology and behavior. Navigates along two tracks: the first track explores how electronic and social media shape education, the news, our political system, and advertising; the second track understands how the psychology of film, in particular, changes emotions, attitudes, and behaviors in the viewer Prereq. 001 or 050.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #6: Leadership and Applied Learning

**PSYC 040: Practicum**

Practicum. Engage in psychological service or research under the supervision of a trained psychologist for 8 hours per week in a departmentally approved setting. Meet with the instructor one hour per week Prereq. Open to students who have accumulated at least 24 hours of psychology with a 3.0 average.

**Credits:** 1-2

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**PSYC 042: Independent Research Study**

Independent Research. Supervised and mentored research activities involving the development, execution, or analysis of data from a research project. Prereq. 001, 002 and consent of instructor.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**PSYC 042/043: Independent Research Study**

Individual supervised research and consent of instructor approval.

**Credits:** 1-3

**Prerequisites:**

PSYC 001, 002

**PSYC 043: Independent Research Study**

Independent Research. Provides direct experience and individual supervision in ongoing psychological research. Prereq. 001, 002 and consent of instructor.

**Credits:** 1-3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**PSYC 044/045: Internship**

This course enables students to receive course credit for an internship experience. Internships must be approved before the student can register for the course. Students are responsible for contacting the Psychology Department Internship Coordinator to inquire about the process for approving internships several months before the semester they plan to register.

**Credits:** 1-3

**Prerequisites:**

Prereq: 001, 002

**PSYC 045: Internship**

Internship. Provides course credit for an internship experience. Approval of internship is required before the student can register for the course. REquires students to contact the Psychology Department Internship Coordinator for approval before the semester they plan to register. Prereq. 001, 002.

**Credits:** 1-3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**PSYC 050: Intro to Psychology**

Introduction to Psychology. Introduces basic concepts and topics in psychology: including learning, perception, motivation, personality, abnormal behavior, social interactions, and developmental processes. Surveys an array of topics and is intended for students who do not tend to major or minor in psychology. Prereq. None.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #7: Comprehensive Wellness Practices

**PSYC 051: Experimental Psychology**

Laboratory exercises in learning, perception, and cognition.

**Credits:** 4

**PSYC 063: Research methods and Statistics,**

This lecture/laboratory course teaches descriptive statistics, probability theory, statistical inference, and correlation in the context of research problems.

**Credits:** 4

**PSYC 064: Research Methods and Statistics II**

Continuation of PSYC 063, including analysis of variance, selected comparisons regressions analysis, and nonparametric methods.

**Credits:** 4

**Prerequisites:**

PSYC 063.

**PSYC 084: Sophomore Honors**

Sophomore Honors. Open to sophomore Psychology Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Sophomore Honors, the student works with the mentor to develop the research question and define the study. Prereq: 001, 002

**Credits:** 1

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**PSYC 084, 085: Directed Readings in Honors for Sophomores**

In this Directed Readings course, students are sophomore Psychology Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Sophomore Honors, the student works with the mentor to develop the research question and define the study. Prereq: 001, 002

**Credits:** 1

**Prerequisites:**

Prerequisites 001, 002

**PSYC 085: Sophomore Honors**

Sophomore Honors. Open to sophomore Psychology Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Sophomore Honors, the student works with the mentor to develop the research question and define the study. Prereq: 001, 002

**Credits:** 1

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**PSYC 088: Junior Honors**

Junior Honors. Open to junior Psychology Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Junior Honors, the student's research project is well-defined in advance of completing the theses. Prereq 001, 002

**Credits:** 1

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**PSYC 088, 089: Directed Readings in Junior Honors**

In this Directed Readings course, students are junior Psychology Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Junior Honors, the student's research project is well-defined in advance of completing the theses.

**Credits:** 1

**PSYC 089 : Junior Honors**

Junior Honors. Open to junior Psychology Majors in the COAS Honors Program who are working with a Faculty Mentor to develop proposals for their Honors Theses. In Junior Honors, the student's research project is well-defined in advance of completing the theses. Prereq 001, 002

**Credits:** 1

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**PSYC 092: Senior Honors**

Senior Honors. Entails work with a Faculty Mentor to finalize the Senior Honors Thesis, which is due Spring semester in order for the student to graduate with COAS Honors.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**PSYC 092, 093: Directed Readings in Senior Honors**

In this Directed Readings course, students work with a Faculty Mentor to finalize their Senior Honors Theses, which are due Spring semester in order for the student to graduate with COAS Honors.

**Credits:** 3

**PSYC 093: Senior Honors**

Senior Honors. Entails work with a Faculty Mentor to finalize the Senior Honors Thesis, which is due Spring semester in order for the student to graduate with COAS Honors.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis; 4 Core Content Domain Courses

**PSYC 102: Perception**

Sensory and perceptual processes and their dynamics. Prerequisite: PSYC 060 and PSYC 063.

**Credits:** 3

**PSYC 105: Learning**

Data, theories and issues with an emphasis on human learning.

**Credits:** 3

**Prerequisites:**

PSYC 050 and PSYC 063.

**PSYC 110: Brain and Behavior**

Examines the relationship between brain function and behavior

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 116: Abnormal Psychology**

The psychology of behavior disorders. Prerequisites: PSYC 050 and PSYC 052.

**Credits:** 3

**PSYC 118: Developmental Psychology**

Deals with the developmental aspects of basic psychological processes.

**Credits:** 3

**Prerequisites:**

PSYC 050 or PSYC 052.

**PSYC 119: Cognition**

Information processing, thinking, memory, and language.

**Credits:** 3

**PSYC 120: Psychological Testing**

This lecture/laboratory course consists of the basic concepts in psychological testing and use of psychological tests.

**Credits:** 4

**Prerequisites:**

PSYC 063 and PSYC 050. PSYC 063.

**PSYC 123: Personality Theory**

Study of the major theories of personality.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 125: General Social Psychology**

Introduction to the theories and issues of social psychology: individual, interpersonal, and cultural factors in behavior, and the role of perception, attitudes, and motivation.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 126: Experimental Social Psychology**

Examination of human social behavior, with emphasis on research methods.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 127: Human Motivation**

Study of the motives generated and maintained in the context of interpersonal relations.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 128: Personality Research**

Analysis of the dynamics of personality through empirical research literature.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 140: Practicum in Psychology**

Supervised field placement. Approval of instructor required.

**Credits:** 3

**PSYC 141: Cross-Cultural Psychology**

This course explores culture-related variations in behavior. Non-Western research and thought have helped to extend the range of our knowledge in various areas such as culture and cognition, perception, and personality. Acculturation, cross-cultural methods, and measurement problems will be considered.

**Credits:** 3

**PSYC 142: Psychology of Gender**

A survey of gender issues affecting individuals and society.

**Credits:** 3

**PSYC 143: Junior Research**

Individual supervised research.

**Credits:** 3

**PSYC 150: History and Systems**

presents a historical overview and the major theories of psychology.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 154: Senior Seminar**

Treats current topics in psychology. Open to senior majors or minors only.

**Credits:** 3

**PSYC 156: Senior Research**

The student will conduct a research project under the direction of a faculty member.

**Credits:** 3

**Prerequisites:**

Senior status.

**PSYC 160: Psychology of Race and Racism**

Intensive inquiry into racial differences in psychological characteristics and the psychological dynamics of racism.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 161: Psychology and the Black Experience**

Examines the experience of blacks in American from the psychological point of view; historical, clinical, and laboratory sources are reviewed.

**Credits:** 3

**Prerequisites:**

PSYC 050.



**PSYC 170: Computers in Psychological Research**

Applications in the behavioral and social sciences.

**Credits:** 3

**Prerequisites:**

PSYC 063.

**PSYC 171: Psychopharmacology**

Uses the fundamentals of experimental psychology and pharmacology as building blocks for conventional current approaches to drugs and learning behavior as operant conditioning, drug screening procedures, behavioral toxicology, and behavioral teratology.

**Credits:** 3

**Prerequisites:**

Consent of instructor.

**PSYC 174: Intro to Clinical Psychology**

An introduction to the basic concepts and practices of the field of Clinical Psychology.

**Credits:** 3

**PSYC 175: Psychology of Family Issues**

This course introduces students to the systemic models of interaction that shape families. It also uses a developmental model to understand how families evolve over time as well as the critical role of attachment and trauma in shaping individual personalities and life trajectories.

**Credits:** 3

**PSYC 176: Drugs and Human Behavior**

Explores the psychological, pharmacological, and physiological aspects of drugs and human behavior.

**Credits:** 3

**Prerequisites:**

PSYC 050.

**PSYC 184/193: Marc. Rec Lecture-Lab (Writing)**

This is a multidisciplinary seminar and laboratory experiences course providing research experience and professional development, responsible conduct of research and related topics to MARC Program Members. Enrollment is limited to MARC Trainees. No course prerequisites; may be repeated for credit. By permission of the instructor only

**Credits:** 1

**Prerequisites:**

By permission of the instructor only.

**PSYC 716: Abnormal Psychology-WRTG**

Abnormal Psychology. Identifies, understands, and studies treatment strategies for psychological disorders. Explores psychological disorders from a variety of theoretical frameworks including psychological, biological, and sociocultural perspectives. Reviews historical perspectives, current diagnostic approaches, and classification systems. Discusses specific disorders including mood and anxiety disorders, psychotic disorders, substance-related disorders, and eating disorders. Writing Version: Ads to the discussion of course topics, weekly engagement in psychological writing exercises using the appropriate writing guidelines set forth by the American Psychological Association. Course writing activities will also include reflections and a psychological paper focusing on current empirical studies that examine underlying factors as well as on empirically based treatments

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning  
ELO #7: Comprehensive Wellness Practices

**PSYC 723: Personality Psychology-WRTG**

Personality Psychology. Examines the art and science of understanding human nature and individuals differences in human expression. Focuses on personality traits, characteristic adaptations (e.g. movies, goals, values), and narrative identity (i.e. integrative life narratives). Writing Version: Provides students with an introduction to Personality Psychology and enhances professional development with respect to critical thinking, writing, and project management. Exposes students to experimental learning, selfdirected learning, collaborative learning, distance learning, project based learning, and didactic learning. Comprehend and apply personality core concepts, person centered analyses, and personality assessments to conduct and compose a personality psychobiographical case study within the personological tradition in the field of personality psychology. Prereq. 001,002,003.

**Credits:** 3

**Prerequisites:**

Foundations of Psyc Science; Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning  
ELO #7: Comprehensive Wellness Practices

**PSYC 741: Cross-Cultural Writing**

This is a writing intensive course that explores culture-related variations in behavior. Non-Western research and thought have helped to extend the range of our knowledge in various areas such as culture and cognition, perception, and personality. Acculturation, cross-cultural methods, and measurement problem will be considered.

**Credits:** 3

**PSYC 991: Psychology Co-op**

Psychology majors find co-op internships in hospitals, school districts, independent research institutes, academic settings, and within Drexel faculty labs

**Credits:** 1

# SOCI - Sociology

## COURSE DESCRIPTIONS

### **SOCI 001: Introduction to Sociology**

Basic concepts in sociology including the nature and functioning of groups, the individual and the group, social processes, and social change.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **SOCI 003: Social Problems**

An analysis of major institutional problem areas in American society, with particular focus on the interplay between structural and sociopsychological level factors. Attention is also given to social policies designed to ameliorate problematic situations.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **SOCI 005: Child. of Incarcerated Parents**

Critically analyze and challenge the effects of incarceration of minor and adult children who have experiences of parental imprisonment. Students will systematically review the natural history of parental incarceration, to include: arrest (entry into the criminal legal system), incarceration (physical and psychological separation, obstacles to visitation and contact), reentry (re-establishing parental relationships and dealing with changing household dynamics) and re-incarceration. This experiential learning course counts toward the requirements for the Social Justice Certificate.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **SOCI 006: Independent Study**

Allows individual students to conduct their own independent research on a topic chosen in conjunction with an appropriate faculty member who directly supervises the research.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

### **SOCI 008: Independent Study**

Allows individual students to conduct their own independent research on a topic chosen in conjunction with an appropriate faculty member who directly supervises the research.

**Credits:** 2

**SOCI 009: Independent Study**

Allows individual students to do readings and research on a topic chosen in conjunction with an appropriate faculty member who directly supervises them.

**Credits:** 1

**SOCI 010: Intro to Cultural Anthropology**

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**Credits:** 3

**SOCI 012: Social Siences**

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**Credits:** 3

**SOCI 014: Qualitative Methods**

Allows individual students to conduct their own independent research on a topic chosen in conjunction with an appropriate faculty member who directly supervises the research.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**SOCI 015: Medical Traditions Across Cult**

This course looks at the spectrum of cultural and biological factors that have contributed to health, disease, and health care systems throughout human experience from cross-cultural, historical, and evolutionary points of view.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #7: Comprehensive Wellness Practices

**SOCI 020: Introduction to Social Psych**

Analyzes the development of human nature and personality as products of social interaction and culture.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 061: Problem of the Black Community**

Studies the social structure of the black community and social movements directed towards social change.

**Credits:** 3

**SOCI 070: Criminology**

Covers the nature and extent of crime and proposes policies for the treatment of crime and criminals.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 071: Juvenile Delinquency**

Discusses the nature and extent of delinquency, community and personality factors in delinquent behavior, theories and methods of treatment and preventive measures.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 072: Juvenile Justice System**

An examination of the historical development and contemporary forms of treatment of juvenile offenders, with special emphasis on the functioning of these approaches in American society.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 074: Corrections**

An analysis of correctional approaches and strategies as well as an evaluation of their effectiveness relative to theories of penology.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 079: Internship Criminology**

Integration of fieldwork in criminal justice agencies with criminological theory. (NOTE: by permission only)

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**SOCI 080: Language and Society**

This course offers an introduction to the study of language and the interrelationships between language, culture, and society.

**Credits:** 3

**SOCI 100: Social Theory & Society**

Presents social theories before the nineteenth century and the subsequent development of sociology. Applies various theories to society today, connecting theory with practice and social policy.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 101: History of Social Thought**

Examines the thoughts of pre-Socratic thinkers to Renaissance thinkers.

**Credits:** 3

**SOCI 102: Directed Read in Hrs for Soph**

Includes readings, reports, and discussions around selected topics in sociology.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 103: Direct Read in Hrs for Soph**

Continuation of SOCI 102.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 104: Direct Read in Hrs for Jrs**

Consists of readings, reports, and discussions of classical works in the field and of contemporary journal literature.

**Credits:** 1

**SOCI 105: Directed Readings for Jrs**

Consists of readings, reports, and discussions of classical works in the field and of contemporary journal literature.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 106: Senior Departmental Honors**

Independent investigation of a topic of interest to the qualified senior student under the supervision of a staff member. Results are presented as an honors thesis which must be defended in an oral examination.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 108: Senior Review**

Review and analysis of sociological topics, concepts, theories and issues through focused discussions and written assignments. Major objective is to integrate materials of the major.

**Credits:** 3

**SOCI 110: Elementary Statistics**

Focuses on statistical methods applied to social data, employing measures of central tendency, dispersion, bivariate tests for significant differences and association, and simple regression.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 111: Sociological Methods**

Basic methods and techniques employed in sociological research.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 113: Crime & Just.: Behind the wall**

A unique experiential learning opportunity that brings together students to learn about and discuss topics such as the causes of crime, victims, rationale of the criminal justice system, restorative justice, the prison industrial complex and the cradle to prison pipeline. Through reading and dialogue, inside (incarcerated or detained) and outside (HU campus) students will be able to integrate their theoretical knowledge with lived experiences. The one-credit version of this course counts toward the requirements for the Social Justice Certificate.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 115: Mass Incarceration & Blk Fam**

Critically examines the physical, psychological, emotional, and spiritual effects of mass incarceration on the Black family. Specific focus is placed on both micro and macro experiences to include the individuals, families and communities. This experiential learning course counts toward the requirements for the Social Justice Certificate.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 116: SP: Intro to Soci Justice**

Helps students organize their thoughts about social justice with the aim of affecting social change. As a gateway course, students will learn the fundamental components of social justice from an interdisciplinary perspective. The class covers social justice ideas, terms, concepts and theories that can be used in subsequent social justice courses. This experiential learning course exposes students to issues that will assist them in creating positive change in their own world and counts toward the requirements for the Social Justice Certificate.

**Credits:** 1

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**SOCI 119: Advanced Statistics I**

Focuses on the application of multivariate statistical methods to social data, employing two measures: linear regression and analysis of variance.

**Credits:** 3

**Prerequisites:**

SOCI 110.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**SOCI 121: Collective Behavior**

Explores mobs, panics, mass behavior, public opinion, propaganda, social movements, revolutions and reform as incipient changes in the social order.

**Credits:** 3

**SOCI 122: Resistance, Revolt, Reform&Rev**

Why and under what conditions do people rebel against oppression? Why do some revolts succeed and others fail in forcing processes of social change? This course examines forms of political action – protest demonstrations, strikes, riots, insurgencies, and the larger anti-systemic movements of which they are often part – outside of and often in conflict with normal or institutionalized political activity (electoral campaigns, lobbying, etc.).

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 125: Global Health: Challenges, Responses, and Future Actions**

This course presents an overview of global health issues through examination of major determinants of health and key areas of disease burden. Students will be introduced to the complex tapestry of social, economic, political, and environmental factors that affect the health of populations globally

**Credits:** 3

**SOCI 130: Principles of Demography**

Overview of demographic variables, with emphasis on fertility, morbidity, migration, and urbanization and the relationships between population growth and other social and economic factors.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**SOCI 131: Introduction to Human Ecology**

Focuses on the interrelationships between population, resources, and environment; the implications for population growth; natural and human resources utilization; and environmental concern. Approach adapted from demography and human ecology.

**Credits:** 3

**SOCI 132: Population**

Deals with the volume, composition, quality, growth, trends, and distribution of population, along with the relationship of populations to social organization.

**Credits:** 3

**SOCI 133: Women in Development**

Discusses critical theoretical research issues, associated with international development, focusing on the position of women in various cultural contexts.

**Credits:** 3

**SOCI 137: Sociology Food & Agriculture**

NOT CURRENTLY OFFERED

**Credits:** 3

**SOCI 139: Independent Study**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**SOCI 140: Urban Sociology**

Examines the urban community, its patterns, and its institutions, and includes supervised projects in urban research materials and techniques.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

**SOCI 144: Climate Chg, Engry & Social Jus**

This course covers a broad spectrum of human impacts on the earth, including how people make decisions about their interactions with the environment.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 150: Social Stratification**

Examination of the causes and social, economic, and psychological effects of differentials in rank and status in society.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 151: Sociology of Poverty**

Examines the underlying causes and the social, psychological, and political consequences of poverty; the socioeconomic characteristics and family life of the poor; and the community services and programs designed to alleviate poverty.

**Credits:** 3

**SOCI 155: Sociology of Power**

Analyzes power in the contemporary content, then in general perspective, with special emphasis on its role in social change.

**Credits:** 3



**SOCI 160: Sociology of African Americans**

Examines blacks as a minority group in American society.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 161: Problems of Black Community**

Study of the social structure of the black community and social movements directed towards social change.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 165: Intergroup Relations**

Comparative survey of majority-minority relations, determining factors, consequences for groups and individuals, and strategies for altering.

**Credits:** 3

**Prerequisites:**

SOCI 020.

**SOCI 166: Race, Class and Gender**

We live in an unequal society in which social class, race, ethnicity, nationality, gender, sexuality and other similar distinctions powerfully influence the lives we are able to live. In this course we will investigate and discuss the patterns of unequal social relations between different social groups: how they express themselves in our lives, what their consequences are, how they came to be, how they have evolved over time, why they persist, and what has been and might be done to overcome them.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 170: Principles of Criminal Justice**

Analyzes the various segments of the criminal justice system, including the means by which these segments depend upon each other for their perpetuation, and compares the theoretical purposes of the criminal justice system and its present-day practices.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 171: Language & Society**

INVALID COURSE NUMBER

**Credits:** 3

**SOCI 172: Soc Chg & the Crim Just Sys**

An analysis of the impact of social, economic, and political change on the structure and function of key criminal justice agencies.

**Credits:** 3

**Prerequisites:**

SOCI 070 or SOCI 170.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 173: Deviance & the Community**

Study of the types of individual and institutional forms of deviance, with an assessment of theoretical approaches to it.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 174: Police Law & Society**

Examination of the role of the police and their use and misuse of law, with attention to society's role in controlling and approving police practices, along with the part society plays in encouraging and approving police malpractice.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 175: Sociology of Law**

Examination of law as a form of social control; analysis of relationships between law and society.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 176: Victimology**

Examines categories, theories and types of victimization.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 177: Disparities in Urban Health**

NO COURSE DESCRIPTION AVAILABLE; unclear origin

**Credits:** 3

**SOCI 178: Public Health & Society**

Examines the fundamental, intrinsic, and reciprocal relationship between public health and society. It introduces students to the relevance of sociology to improve the understanding of the social structures, social processes, and social functioning within society that contribute to a better understanding of the public health-society relationship. The main emphasis of the course is on health and health disparities, and other related topics in the U.S., but discussions also include global comparative perspectives.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #7: Comprehensive Wellness Practices

**SOCI 180: The Family**

Explores the family as a social institution, the relation of the family to the community, family organization and disorganization, and the family and personality development.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 183: Intro to Medical Sociology**

Overview of the development of social medicine and the sociology of medicine, examining major areas of activity in medical sociology. Distinction is made between sociology of medicine and sociology in medicine, with concentration on the former.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #7: Comprehensive Wellness Practices

**SOCI 184: Sociology of Mental Health**

Deals with sociological theories and the etiology of mental disorder; research on social epidemiology and ecology; the impact of social structure; popular conceptions of mental health and deviance; and emerging ideologies of mental disciplines.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #7: Comprehensive Wellness Practices

**SOCI 186: Death & Dying**

Reviews research and theory relating to attitudes and behavior relating to death and dying.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 188: Family Life Laboratory I**

Provides analysis of dramatic techniques, including imagery exercise and spontaneous role playing. Explores life history method for understanding problems of family life.

**Credits:** 3

**SOCI 189: Sociology of Work**

Focuses on social aspects of the organization of work in industrial society; relations between cultural and industrial organization, and interrelationships among industrial, political, familial, and educational institutions.

**Credits:** 3

**SOCI 190: Trafficking and Destruction of African Heritage**

Interdisciplinary course, cross-listed with AFST 120. Focuses on the plundering and destruction of the African past through impacts on cultural and archaeological sites and the illicit trade in material culture. Reviews damages and causes (e.g., conservation management, conflict, corruption, poverty, environment/climate change, colonialism, development, and modernization). Also, looks at U.S., African, and international laws, policies, programs, and agencies that are involved in mitigating the damage as well as designing more sustainable paths for the future.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 192: Field Experiences**

Supervised participation and hands-on experience in social science research and practice. Student needs approval of instructor in order to register.

**Credits:** 3-3

**SOCI 197: Fashion, Environment, & Society**

NOT CURRENTLY OFFERED

**Credits:** 3

**SOCI 199: Environmental Inequality**

This course systematically studies how the intersections of race, class, geography, public policy, and movements affect environmental outcomes. In addition to examining how climate change, declines in ecosystems services, and pollution, among other environmental ills, are inequitably distributed in the United States and around the world. we also examine solutions

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 217: Principles of Criminal Justice**

This introductory experiential learning course for high school students serves as a foundation into the criminal justice system. In this course students will explore the key concepts of the criminal justice system and critically think about issues emerging in contemporary media. In addition, students will debate current controversy as it relates to the principles of criminal justice.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 220: Soc Chg in the Crim Just Sys**

NO COURSE DESCRIPTION AVAILABLE; unclear origin

**Credits:** 3

**SOCI 225: Policy, Law & Society**

INVALID COURSE NUMBER

**Credits:** 3

**SOCI 251: Sociology of Poverty**

INVALID COURSE NUMBER

**Credits:** 3

**SOCI 260: Sociology of African Americans**

INVALID COURSE NUMBER

**Credits:** 3

**SOCI 295: Restorative Justice**

This course helps students develop a critical understanding of various meanings, forms and responses to wrongdoing. Case studies, public policy, dialogue, role-playing, skills development and community engagement are emphasized. Circles of dialogue and reflection are linked to theories and practices of social justice. Students conceptually identify, critically analyze and apply restorative approaches to real world situations.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 713: Inside Out WAC**

INVALID COURSE NUMBER; this number belongs to Deviance and the Community

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 730: Culture Conflict & Conflict re**

Helps students organize their thoughts about social justice with the aim of affecting social change. As a gateway course, students will learn the fundamental components of social justice from an interdisciplinary perspective. The class covers social justice ideas, terms, concepts and theories that can be used in subsequent social justice courses. This experiential learning course exposes students to issues that will assist them in creating positive change in their own world and counts toward the requirements for the Social Justice Certificate.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 772: Soc Chg/ Crim Just. Sys-WRTG**

Policy-oriented course of fundamental issues and solutions affecting changes in the assumptions, conceptualizations, purposes, and practices of criminal justice in the United States. Stresses qualitative and mixed methods research. May include a required community-based research project. Writing intensive course fulfills COAS third writing requirement.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 773: Deviance and the Comm. (WRTG)**

Supervised participation and hands-on experience in social science research and practice. Student needs approval of instructor in order to register.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SOCI 784: Sociology of Mental Hlth- Wrtg**

NOT CURRENTLY OFFERED

**Credits:** 3

**SOCI 786: Death & Dying-Writing**

NOT CURRENTLY OFFERED

**Credits:** 3

## Theatre Arts

<http://coas.howard.edu/theatrearts/>

The Department of Theatre Arts is committed to the training of knowledgeable theatre artists, theorists, historians, and teachers in the theatre arts. The Department is dedicated to the principle of developing the highest quality of theatre art, and to the serious investigation and perpetuation of the experiences and aesthetics of Black theatre.

**Objectives**

1. To train and educate theatre artist-scholars by providing students with a broad-based foundation of theatre process and practice.
2. To provide students with diverse theatre experiences and to investigate and perpetuate the aesthetics of African-American theatre.
3. To provide students with a knowledge of and appreciation for related Fine and Performing Arts disciplines and how they are integrated into the practice of theatre.

4. To provide students with the basic techniques necessary for performance in theatre, film and television.

The curriculum for each area of concentration is administered by an Area Coordinator who is appointed by the Chairman of the Department. Students enrolled in a Theatre Arts program shall be advised by the appropriate Area Coordinator.

All Theatre Arts students must officially declare an area of concentration and successfully complete an audition and/or interview in that area. Official declaration can only be made by filing a completed Area of Concentration Declaration Form with the appropriate area coordinator and conducting a final interview with the Departmental Chairman. All Theatre Arts students must pass the English and Mathematics Placement examination. Otherwise, the student must successfully complete the required remedial courses.

## **Majors**

The Department of Theatre Arts offers several major areas of concentrated study which lead to the Bachelor of Fine Arts degree in Theatre Arts. Areas of concentration in Theatre Arts include the Performing Arts: [Acting](#), [Musical Theatre](#), and [Dance](#); [Theatre Arts Administration](#) and [Theatre Technology](#).

## **Minors**

Minors in [Theatre Arts](#), [Dance Arts](#), [Theatre Arts Administration](#), [Technical Theatre](#), and [Playwriting](#) are also available to non-Theatre Arts students.

## **Admissions**

**All Applications require department review. Prospective students are not automatically accepted by the Department of Theatre Arts once they declare Theatre Arts as their area of interest. After review of pertinent data, the Department makes the final determination about admissions to its programs.**

## **General Requirements**

All theatre arts students must satisfy the general requirements for admission to the University. Once accepted to the University, students interested in performance programs of study ([Acting](#), [Musical Theatre](#), [Dance](#)) will prepare for auditions and students interested in administration and technical areas ([Theatre Arts Administration](#), [Theatre Technology](#)) will prepare for interviews.

All transfer students must meet the requirements outlined on the College of Arts and Sciences' website: <http://www.coas.howard.edu/requirements.html#tc>. In addition, all transfer students must successfully complete an audition/ interview in the area of concentration in which they are intending to enter, before being accepted in the Department of Theatre Arts. This process must occur **before** arriving on campus. At that time level placement usually occurs and that will determine which courses will be accepted in the discipline. General education courses may also require that equivalences be verified by the appropriate Department on campus. All transfer students are advised that transferring into the Department of Theatre Arts does not excuse the taking of prescribed sequential courses necessary for successful completion of the area of concentration. Furthermore, transferring into the Department may require additional time and resources to complete the chosen area of concentration.

## **Guidelines for Exchange Students**

1. The student must have a 2.75 grade point average or better and be in good standing in the department.
2. Student must have a grade of "C" or better in all courses required for his/her area of concentration.
3. The student must submit a letter to the Chairman requesting an exchange program of study along with official descriptions of the courses from the catalogue that will be taken at the exchange school. This information will be forwarded to the appropriate coordinator, then presented to the Faculty who will make the final determination on the request.
4. The student must also file the appropriate forms in the Office of International Student Services. This includes submitting a transcript and an interview with appropriate authorities.

## **THEATRE ARTS DEGREE PROGRAMS**

### **Acting**

The objectives of the Acting concentration are designed to provide the student the opportunity to master the acting skills necessary for pursuit of a professional career in the areas of performing arts. The program combines classroom instruction with rehearsal and performance techniques. The program is divided into three levels of training: Elementary, Intermediate and Advanced. Specific skills are emphasized at each level. A jury examination is required each semester of all acting students. A satisfactory jury examination is necessary for a passing grade in all Acting classes.

### **Musical Theatre**

The purpose of the Musical Theatre Performance concentration is to produce professional artist/scholars with the ability to excel on any theatrical stage, including but not limited to, Broadway, Off-Broadway, touring, regional, international, cabaret and concert (both major and minor), commercial and not-for-profit. The program asserts that beginning with intense self-discovery and exploration, matched with dedicated focus on foundational technique, followed by an unyielding diligence towards artistic and scholarly excellence, performers become creative, high-quality artists. The program works to facilitate not just the creation of performers who are highly skilled technicians of singing, dancing, and acting but passionate artists with a deep respect for the craft, who use musical theatre to communicate with audiences about our shared human condition.

### **Dance**

The Dance program is designed to educate, train, and develop talented students in the performance skills of dance. The program combines theoretical classroom instruction, studio techniques and rehearsal, and performance skills. The student is provided with the opportunity of technical development with guest artists, internships with major performance companies, and critical guidance in level placement and training. Entry requirements for dance students include auditions and interviews and exit requirements involve passing a jury examination. A major emphasis in this program is the successful completion of the practicum experience in the senior year.

### **Theatre Arts Administration**

The Theatre Arts Administration program is intended for students who express an interest in and an inclination toward the production and managerial aspects of theatre. The program is based on the philosophy that a successful career in Theatre Arts Administration requires knowledge of modern business practices coupled with a comprehensive background in theatre. The focus of this area of concentration is directed toward the study of both theatre arts core courses, as well as courses in business, which relate to the disciplines of Management, Legal Environments, Marketing, and Finance. In addition, the premise of the Theatre Arts Administration program is to impart to the student the three characteristics that embody a successful arts organization: artistic quality, public service, and fiscal responsibility. A major emphasis in this program is the preparation for the successful completion of an appropriate internship.

### **Theatre Technology**

The Theatre Technology program is designed to educate, train and inspire talented students in the technology of live theatre. It is expected that students who successfully complete this course of study will eventually become accomplished technical directors and theatre technicians in community, educational, regional and/or professional theatres as well as accomplished planners or consultants in other semi-related occupational fields.

#### **THMT 044: Musical Theatre Standards**

**Credits:** 2

#### **THMT 302: Piano for Musical Theatre II**

This practicum course builds on the principles learned in THMT 301, incorporating the exploration of scales and vocalized warm up patterns.

**Credits:** 1

## **THTA - Theatre Arts Administration**

#### **THSV 10: Intro to Theater**

Theatre from the world of the ancient Greeks to the present day. Students gain an appreciation of the aesthetics and humanistic aspects of Theatre.

**Credits:** 3

#### **THTA 001: Theatre Arts Admin Lab I**

Learn the fundamentals of box office operations; theatre facilities management and operations; public relations for the theatre including advertising, publicity and audience development, with supervised lab including production responsibilities in each of three areas of study related to the Departments stage productions and designated Howard University events.

**Credits:** 1

#### **THTA 001, 002, 003, 004, 005: Theatre Arts Admin Labs I - V**

This course expands the student's understanding of Theatre Arts Administration by applying their knowledge to real cases or situations that are carefully supervised by the instructor.

**Credits:** 5



**THTA 002: Theatre Arts Admin Lab II**

Continuation of THTA 001

**Credits:** 1

**Prerequisites:**

THTA 001

**THTA 003: Theatre Arts Admin Lab III**

Continuation of THTA 002

**Credits:** 1

**Prerequisites:**

THTA 002

**THTA 004: Theatre Arts Admin Lab IV**

Continuation of THTA 003

**Credits:** 1

**Prerequisites:**

THTA 003

**THTA 005: Theatre Arts Admin Lab V**

Continuation of THTA 004

**Credits:** 2

**Prerequisites:**

THTA 004

**THTA 084: Production Management**

**Credits:** 3

**THTA 089: Aesthetics**

An introduction to aesthetics; a variety of theories of fine arts; an evaluation and review of dramatic aesthetic analysis and judgment. Analysis of the nature and role of the creative process in the human experience.

**Credits:** 3

**THTA 090: Intro to Theatre Mgmt I**

Learn the economic and managerial aspects of American theatre, especially as they apply to repertory, community, and educational organizations. Understand the principles of business management to the theatre, to evaluate theatre management to date and to suggest new directions for the future. Explore the practical and contemporary aspects of the field by supplementing classwork with administrative assignments related to the Department's stage productions.

**Credits:** 3

**Prerequisites:**

Fall semester.

**THTA 091: Intro to Theatre Mgmt II**

Continuation of THTA 090.

**Credits:** 3

**Prerequisites:**

THTA 090

**THTA 092: Intermediate Theatre Administration Lec/Lab**

Fundamentals of box office operations; theatre facilities management and operations; public relations for the theatre including advertising, publicity and audience development, with supervised lab including production responsibilities in each of three areas of study.

**Credits:** 3

**THTA 093: Intermediate Theatre Administration Lab**

Continuation of THTA 092.

**Credits:** 2

**Prerequisites:**

THTA 092

**THTA 094: Prod Mgmt (Theatre Arts Mjrs)**

Explore the operations and practice of theatrical producing and management as a profession. Understand Students the production managers role, responsibilities and tools.

**Credits:** 3

**THTA 095: Intro to Production/Lab**

Learn and theoretically apply the techniques of live performance production.

**Credits:** 3

**THTA 096: The Producer's Workshop**

Learn and apply the techniques needed to produce live performance

**Credits:** 3

**THTA 95: Intro to Production/Lab**

Students will have learned the process of mounting a theatrical production from conception to curtain call

**Credits:** 3

**THTA 156: Stage Management**

Explore the methods and principles used to organize and supervise the performance personnel and production crews from the pre-audition period through the post-production meetings; to develop an understanding of all the responsibilities of an efficient stage manager and how to best satisfy the needs of all the production personnel.

**Credits:** 3

**THTA 190: Seminar in Theatre Admin**

Learn problem solving with regard to the development of the professional and community theatre.

**Credits:** 3

**Prerequisites:**

Juniors and Seniors only.

**THTA 191: Fundraising for the Arts**

Learn various aspects of fundraising, particularly for non-profit organizations. Understand numerous tools and strategies of fundraising. Study methods that help non-profits throughout their journey of development, programming and upkeep.

**Credits:** 3

**THTA 206: Entrepren in the Entertain In**

Learn and explore case study examples of entrepreneurialism in the live production entertainment industry

**Credits:** 3

**THTA 207: SP: Leading in Changing Societ**

Learn to lead change in your institution, within your community, and nationally. The Leading Change Course covers how to assess the need for change, develop a plan for change, and provide successful change leadership.

**Credits:** 3

**THTA 208: Finance Management**

Explore foundational finance management for non-business majors. Understand the relationships certain terms, steps, and concepts have with one another.

**Credits:** 3

**THTA 209: Drama Internship**

Explore intensive career-oriented work experiences related to one's academic studies, professional and education in Theatre Administration

**Credits:** 3

**THTA 211: Arts and Innovation**

Explore both how leaders are innovating in the arts to meet changing and often times fleeting appetites of their patrons and the broader public.

**Credits:** 3

**THTA 212: Human Resource Management**

Study how human resources function and the role it plays in organizations with a particular emphasis on arts based fields.

**Credits:** 3

**THTA 991: Co-op Drama**

A course of interdisciplinary independent study of production in collaboration with a professional endeavor

**Credits:** 12

**THTA 992: Co-Op Drama**

A course of interdisciplinary independent study of production in collaboration with a professional endeavor

**Credits:** 12

## THEA - Theatre Education

### COURSE DESCRIPTIONS

**THEA 170: Method & Prin Teaching Drama**

Learn methodology and principles of teaching dramatic arts on the secondary level.

**Credits:** 3

**Prerequisites:**

Prerequisite for practice teaching.

**THEA 171: IS: Direct Study in Theater Ed**

Explore areas of personal interest in theatre production while working with a faculty member to design an individual program of study.

**Credits:** 3

**THEA 171, 172: Independent Study. Directed Studies in Theatre Education**

Designed by the teacher and student to pursue a particular area of interest in theatre education.

**Credits:** 3

**Prerequisites:**

Junior or senior standing and consent of instructor.

# THFD - Theatre Foundation

## **THFD 010: Intro to the Theatre**

Study the theatre in terms of its critical, historical aesthetic, and practical aspects. Understand the relationship between theatre and society in various periods.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

## **THFD 040: Playwriting I**

Learn the development of the play script from premise to scene, teaching basic craftsmanship in developing characters, plot, and dialogue.

**Credits:** 3

### **Prerequisites:**

ENGL 002, ENGL 003, THFD 080, THFD 083.

## **THFD 041: Playwriting II**

Study the development of the play script from a scene to a one-act play.

**Credits:** 3

### **Prerequisites:**

THFD 040 and consent of instructor.

## **THFD 042: Playwriting III**

An advanced course in play/script preparation.

**Credits:** 3

### **Prerequisites:**

THFD 040, THFD 041 and consent of instructor.

## **THFD 043: Playwriting IV**

A continuation of Playwriting III.

**Credits:** 3

### **Prerequisites:**

THFD 040, THFD 041, THFD 042 and consent of instructor.

## **THFD 044: Intro. to Prod. Dramatur**

Learn the skills and standards of dramatic composition and participate in production dramaturgy for Theatre Arts departmental productions

**Credits:** 3

## **THFD 070: Children's Theatre: History and Philosophy**

Study of the historical and philosophical development of the children's theatre movement in America and Europe.

**Credits:** 3

## **THFD 071: Creative Drama**

Develop and understanding, while learning to access and expand of creative capacity using skills of

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**THFD 080: Play Analysis**

Learn the Aristotelean theory for analyzing dramatic literature with regard to plot, theme, and character in four different genres.

**Credits:** 3

**Prerequisites:**

ENGL 002, ENGL 003.

**THFD 081: Play Reading**

Examine and evaluate plays that span a wide variety of genres.

**Credits:** 3

**Prerequisites:**

THFD 080 and consent of instructor.

**THFD 083: Introduction To Playwriting**

Course is designed to expose students to dramatic structure of representative genres and utilize those skills gained in the reading and analysis of selected dramatic literature.

**Credits:** 3

**Prerequisites:**

THFD 080.

**THFD 089: IS: Aesthetics**

Explore and compare the aesthetics of Aristotelian storytelling with storytelling practices and storytelling theories of other cultures in the world.

**Credits:** 3

**THFD 090: Prod. Pract: Shakesp. The Co**

Experience professional production via the Department of Theatre Arts' collaboration with Shakespear Theatre Company

**Credits:** 1

**THFD 091: Prod. Pract II:Shakesp.Thea Co**

Experience professional production via the Department of Theatre Arts' collaboration with Shakespear Theatre Company. THFD 090 is a pre-requisite for this course.

**Credits:** 2

**THFD 150: IS: Adaptation Techniques**

Learn to use analysis and playwrighting techniques to adapt non-dramatic narrative for the stage

**Credits:** 3

**THFD 180: Theatre History I**

Examine the major movements, trends and styles in theatre and drama from antiquity through late 18th century.

**Credits:** 3

**Prerequisites:**

THFD 080, THFD 083.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**THFD 181: Theatre History II**

Examine the major movements, trends and styles in theatre and drama from 18th century through early 20th century.

**Credits:** 3

**Prerequisites:**

THFD 180.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**THFD 183: Contemporary Trends and Issues in American Theatre**

Examines issues and trends in American theatre from the mid 1960's to the present. Includes the study of development of Regional Theatre, Off-off Broadway, Black American Theatre, the "Happening," Environmental Theatre and Theatre in American Colleges and Universities.

**Credits:** 3

**Prerequisites:**

THFD 181, or consent of instructor.

**THFD 185: Development of Black American Theatre and Drama: 19th Century to Present**

Survey course in the development of Black American theatre and drama from 19th century to present.

**Credits:** 3

**Prerequisites:**

Consent of instructor.

**THFD 186: Honors Directed Studies I**

Learn techniques in research methodologies and exploratory research. Study theories and frameworks for disciplines in the performing arts and beyond. Learn students extensive writing techniques on a particular topic. Study tools necessary for critiquing cultural and historical narratives in diverse genres, interdisciplinary topics and diverse regions of the world.

**Credits:** 1

**THFD 187: Honors Thesis I**

Learn the thesis writing process. Study that theories, frameworks, and methodologies that are utilized throughout the thesis writing process.

**Credits:** 6

**THFD 188: IS: Honors Directed Research**

Learn the process for completing an Honors Thesis. Learn skills for topic selection and for writing an effective literature review, a bibliography, outline, and a culminating research proposal. Learn critical thinking and learn skills to foster an awareness of the global significance of the performing arts.

**Credits:** 1

**THFD 189: Honors Thesis-Perf Arts II**

Learn to produce a complete, polished honors thesis project, and an oral presentation outline at the conclusion of the semester.

**Credits:** 6

**THFD 201: IS Rsrch: Nutrition for Dnc**

Learn and understand which foods are key for dancers. Learn to listen to the dancing body. Understand major food groups and how to utilize them for optimal performance for dance artists.

**Credits:** 3

**THFD 203: Shakespeare for Actors-Majors**

Study the canon William Shakespeare for actors

**Credits:** 3

**Prerequisites:**

Majors only

**THFD 204: Scrip Wr:The one-hour TV Drama**

Learn how to write a television drama pilot.

**Credits:** 3

**Prerequisites:**

Playwriting II

**THFD 210: Independent Study:Research**

Learn the research process. Learn analytical, theoretical, and methodological research skills.

**Credits:** 3

**THFD 213: IS: Blackboard**

Learn to use the Blackboard Learning Management System

**Credits:** 3

**THFD 215: Rsrch Methods in Dance, Theatre**

Study the research process. Learn analytical, theoretical, and methodological research skills in the field of dance.

**Credits:** 3

**THFD 216: Topics: Thtr African World**

Learn and study the theatre forms of African cultures

**Credits:** 3

**THFD 301: Arts, Libraries, and Archives**

Learn skills in preservation management, organization, and best practices for archives, museums and libraries.

**Credits:** 3

**THFD 302: Howard Entertainment**

Learn to work collaboratively in the interdisciplinary fields of entertainment production. The course requires formal admittance into the Howard Entertainment program.

**Credits:** 1

## THTT - Theatre Technology

**THTT 001: Theatre Practicum I**

Explore laboratory experiences in technical theatre, construction techniques, scenery, costumes, lighting, and props; production mounting and performance under the supervision of a faculty advisor.

**Credits:** 1

**THTT 002: Theatre Practicum II**

Continuation of THTT 001.

**Credits:** 1

**THTT 002, 003, 004, 005, 006, 007: Theatre Practicum II-VII**

Continuation of THTT 001.

**Credits:** 6

**Prerequisites:**

THAC 001.

**THTT 003: Technical Theatre Pract III**

Continuation of THTT 001.

**Credits:** 1

**THTT 004: Theatre Practicum IV**

Continuation of THTT 001.

**Credits:** 1

**THTT 005: Theatre Practicum V**

Continuation of THTT 001.

**Credits:** 2

**THTT 008: Theatre Practicum: House Management**

Supervised laboratory experience in theatre administration, publicity and house management.

**Credits:** 1

**THTT 009: Advance Practicum IX**

Advanced section of Practicum for Stage Managers, Assistant Directors, Crew Heads, etc.

**Credits:** 2

**Prerequisites:**

Consent of instructor.

**THTT 050: Intro to Tech Theatre**

Learn the fundamentals of methods, vocabulary, materials and facilities employed in technical theatre.

**Credits:** 3

**THTT 051: Basic Stage Lighting**

Learn the principles and practices of stage lighting, with emphasis on the equipment and procedures used in typical theatre facilities and productions.

**Credits:** 3

**THTT 052: Basic Stagecraft-Majors Only**

Learn the materials, techniques, and equipment used in the construction, handling, and maintenance of scenery and properties for the stage. Understand the art of scene design.

**Credits:** 3

**THTT 053: Costume for Theatre**

Learn the fundamental techniques and theories of designing and executing stage costumes, with period research, color, and fabrics studied in relation to the actor, director, and designer.

**Credits:** 3

**THTT 056: IS: Advanced Lighting**

A course of independent practice of advanced lighting techniques. Instructor approval required.

**Credits:** 3

**THTT 057: Stage Make-up Lab**

Study the fundamental aspects of theatrical make-up, hair design, and the construction and use of prosthetics.

**Credits:** 3

**THTT 058: Tech Production I**

Explore the practice of stagecraft, stage lighting, stage sound, state properties, stage costuming, stage make-up and special effects with emphasis on the equipment and procedures used in typical theatre facilities and productions in this supervised lab.

**Credits:** 3



**THTT 059: Tech Production II**

Continuation of Tech I.

**Credits:** 3

**THTT 101: Stagcraft I**

Learn and execute the responsibilities related to live theatre production in the areas of scenic construction and costuming.

**Credits:** 3

**THTT 102: Stagecraft II**

Learn and execute the responsibilities related to live theatre production in the areas of lighting and sound

**Credits:** 3

**THTT 103: Hand Drafting**

Learn the fundamentals of hand drafting for theatre focusing on the techniques of preparation of design and technical drawings for theatrical production including line weights, plate organization, ground plans, elevations, detail drawings, working drawings, light and sound plots.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 104: Computer Aided Drafting**

Learn Computer Aided Drafting and Design techniques emphasizing designing with AutoCAD and/or Vector works with a focus on the creation of virtual models.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only. PreReq: THTT 103

**THTT 105: Intro to Design**

Learn the fundamentals of design for the theatre: scenery, costumes, lighting and sound, including a review of the designers role in a production plan, design requirements and aesthetics. Study the principles of 2D design through graphic studio exercises involving use of varied media. Required for first year Design/Tech/Management students.

**Credits:** 3

**Prerequisites:**

Required for first year Design/Tech/Management students.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**THTT 106: Drawing & Painting Skills**

Learn the notion of eye to brain to hand coordination as fundamental to the drawing processes. Study drawing in a precise manner as detail of subject should be achieved while working expressively. Understand proportion and scale, linear atmospheric perspective, multiple vanishing points, relative size, contrast, tonal study and surface texture.

**Credits:** 3

**Prerequisites:**

Required for Design/Tech/Management majors

**THTT 148: Playwriting Seminar I**

An advanced program of study in playwriting.

**Credits:** 3

**Prerequisites:**

Consent of instructor.

**THTT 149: Playwriting Seminar II**

Continuation of Playwriting Seminar I.

**Credits:** 3

**Prerequisites:**

THTT 148 and consent of instructor.

**THTT 150: Sound for the Theatre**

An extensive course in the theory, equipment, and techniques used to achieve both live and recorded sound for the stage. The course will include experimentation with contemporary concepts and materials.

**Credits:** 3

**Prerequisites:**

THTT 050 and consent of instructor.

**THTT 151: Intermediate Stage Lighting**

Learn the design process, including the mechanical and conceptual elements of both the lighting plot and the realized product.

**Credits:** 3

**Prerequisites:**

Basic drafting skills are required

**THTT 152: Intermediate Stagecraft**

A continuing course in the principles and practices of stagecraft which emphasizes the more specialized areas of stagecraft and stage properties. The course also include the techniques for working with new or seldom used materials.

**Credits:** 3

**Prerequisites:**

THTT 052 and consent of instructor.

**THTT 153: Intermediate Costume for the Theatre**

Advanced course in teaching fundamental techniques and theories of designing and executing stage costumes, with period research, color, and fabrics studied in relation to the actor, director, and designer.

**Credits:** 3

**THTT 154: Design I (Mjrs Only)**

Learn drafting procedures and graphic techniques for the stage.

**Credits:** 3

**Prerequisites:**

THTT 051, 482-002 and consent of instructor.

**THTT 155: Design II**

Study styles, principles, and mechanics of scenic design. Learn color sketches, scale drawings, and scale models.

**Credits:** 3

**Prerequisites:**

THTT 154 and consent of instructor.

**THTT 156: Independent Study: Stage Management**

To explore the methods and principles used to organize and supervise the performance personnel and production crews from the pre-audition period through the post-production meetings; to develop an understanding of all the responsibilities of an efficient stage manager and how to best satisfy the needs of all the production personnel.

**Credits:** 3

**Prerequisites:**

THTT 030 and consent of instructor.

**THTT 157: Special Projects in Technical Theatre**

An in depth exploration of advanced and special areas of technical theatre.

**Credits:** 3

**Prerequisites:**

THTT 051, THT 052 and consent of instructor.

**THTT 158: IS: Sem Tech Thea (Mjrs Only)**

A self-selected course of independent study related to the field of technical theatre. Instructor approval required.

**Credits:** 3

**THTT 159: Seminar in Technical Theatre**

An advanced program of study in technical theatre practice including: design, props, costuming, stage management, and technical theatre research. Students will be expected to complete an advanced project.

**Credits:** 3

**Prerequisites:**

THTT 151, or THTT 152, or THTT 153 and consent of instructor.

**THTT 160: Survey of Design Style**

Examine the expanse of design theories and aesthetics in design for live performance

**Credits:** 3

**Prerequisites:**

Theatre minors only

**THTT 201: Theatre Technology I**

Explore theatre technology with a view to lead supervisory production run positions in scenery, properties, lighting, audio or costumes in the mounting of student productions. Understand supervisory maintenance procedures, and safety.

**Credits:** 3

**Prerequisites:**

PreReq: THTT 102

**THTT 202: Theatre Technology II**

Continuation of Theatre Technology I.

**Credits:** 3

**THTT 203: Stage Make Up**

Explore the principles of theatrical makeup, with intensive practice in application for use on proscenium and arena stages.

**Credits:** 3

**Prerequisites:**

Theatre majors only

**THTT 204: Lighting the Dance**

Learn to develop theatrical work integrating light and movement. Study light sources, movement, and light, conventions involving space, time, flow and hue, improvisations, and experimentation with theatrical ideas, character development and storytelling involving light and movement.

**Credits:** 3

**Prerequisites:**

PreReq: THTT 102

**THTT 205: Model Building**

Learn the techniques, materials, tools for model making in the theatre. Understand and focus on and scale models. .

**Credits:** 3

**Prerequisites:**

PreReq: THTT 104

**THTT 207: Stage Management I**

Study the role of Stage Management in the theatre via an exploration of the responsibilities of the Stage Manager and Assistant Stage Manager for the dance from pre-production through performances and closing.

**Credits:** 3

**Prerequisites:**

Theatre majors and minors only.

**THTT 208: Model Building**

Learn the skills and techniques of model building for theatrical production.

**Credits:** 3

**THTT 209: Drama Internship-Majors Only**

Explore career-oriented work experience related to the student's academic studies, professional and education in Theatre Technology.

**Credits:** 3

**Prerequisites:**

Majors only

**THTT 301: Design/Tech. Practicum O**

Explores specific design or shop work in the mounting of departmental productions.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 302: Design/Tech Practicum II**

Continuation of THTT 301

**Credits:** 3

**THTT 303: Design Studio I**

Explore collaborative and artistic abilities in theatre practice with an emphasis on beginning costume, scenery, lighting or sound design. Learn to participate in a range of visual, written, and verbal techniques of communication; script analysis, style, research techniques, and rendering skills, based on several theatrical pieces. Understand broader conceptual ideas, and design elements of the designated theatrical piece. Learn theatre design methodology by developing a creative voice in collaboration with others.

**Credits:** 3

**Prerequisites:**

Pre-Req: THTT 201 and 202

**THTT 304: Design Studio II**

Continuation of THTT 303

**Credits:** 3

**THTT 305: Period Styles I**

Study the history of and significant cultural expressions of historic fabrics and construction of garments across major civilizations and periods.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 306: Period Styles II**

Explore periods throughout history from pre-Egyptian through the 20th century by studying architecture, interior decor and furniture as they relate to the performing arts.

**Credits:** 3

**Prerequisites:**

PreReq: THTT 305

**THTT 307: Stage Rigging**

Examine the basic principles of rigging, the equipment in general use, and the appropriate safety practices and procedures.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 308: Stage Mechanics**

Explore scenic automation and mechanics. Learn the parts and pieces of scenic automation as well as how to program cues. Understand safety, efficiency, and practicality.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 311: Scenic Painting**

Learn the techniques and practice of scenic painting.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 312: Scenic Painting II**

Study advanced materials, techniques, media, surfaces and processes of scenic painting.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 313: Portfolio**

Learn to select, categorize and document achievements and accomplishments for review and assessment related to academic placement and/or employment.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only.

**THTT 314: Bus of the Entertain. Industry**

Explore the workings of professional designers and stage managers including topics in union membership, contract negotiation, contract execution, website creation, touring and the like.

**Credits:** 3

**Prerequisites:**

Design/Tech/Management majors only

**THTT 400: Ind St: Theatre Technology**

Explore a specific field or gain practical experience in theatrical production or academic investigations of a more independent nature.

**Credits:** 3

**Prerequisites:**

Advisor approval.

**THTT 401: Design/Tech Practicum**

Explore the mounting of departmental productions.

**Credits:** 3

**Prerequisites:**

Design/Tech majors only.

**THTT 402: Design/Tech. Practicum IV**

Continuation of THTT 401

**Credits:** 3

**THTT 403: Design Studio III**

Study advanced costume, scenery, lighting or sound design.

**Credits:** 3

**Prerequisites:**

Continuation of THTT 304

**THTT 404: Design Studio IV**

Continuation of THTT 403

**Credits:** 3

**THTT 405: Rendering Techniques**

Explore individual approaches of working professional designers, increase essential design skills (storyboard, modeling, sketching, costume rendering, drafting) and understanding of unique design within the framework of standard practice. Understand steps of typical theatrical design process, from first reading to collaborations necessary, that lead to opening. Explore associated skills for each step.

**Credits:** 3

**Prerequisites:**

PreReq: THTT 312

**THTT 406: Electronic Visualization**

Study computer rendering and its relationship to three-dimensional design and the entertainment industry utilizing CADD systems. Learn and practice rendering techniques and drafting that support theatrical design.

**Credits:** 3

**Prerequisites:**

PreReq: THTT 405 or 407

**THTT 409: Design/Tech. Internship**

Explore off-campus experience opportunity to work with selected organizations in theatre or related areas with faculty approval.

**Credits:** 3

# THAC - Acting

## **ARCHIVE - THAC 209: Drama Internship: Acting**

This course is designed to provide an on-site internship experience for senior level actors at area theatres such as the Folger and Arena Stage.

**Credits:** 3

## **THAC 001: Production Practicum I**

Learn to prepare and perform in live stage productions in this course meant for the training of the professional actor. Program area advisors must approve performance practicum course content.

**Credits:** 1

### **Prerequisites:**

Instructor approval. Majors only

## **THAC 002: Production Practicum II**

Learn to apply acquired Theatre Administration knowledge and abilities to real cases or situations carefully supervised by the instructor.

**Credits:** 1

### **Prerequisites:**

Instructor approval. Majors only

## **THAC 003: Production Practicum III**

Learn to apply acquired Theatre Administration knowledge and abilities to real cases or situations carefully supervised by the instructor.

**Credits:** 1

### **Prerequisites:**

Instructor approval. Majors only

## **THAC 004: Production Practicum IV**

Learn to apply acquired Theatre Administration knowledge and abilities to real cases or situations carefully supervised by the instructor.

**Credits:** 1

### **Prerequisites:**

Instructor approval. Majors only

## **THAC 005: Production Practicum V**

Learn to apply acquired Theatre Administration knowledge and abilities to real cases or situations carefully supervised by the instructor.

**Credits:** 1

### **Prerequisites:**

Instructor approval. Majors only

## **THAC 006: Production Practicum VI**

Learn to apply acquired Theatre Administration knowledge and abilities to real cases or situations carefully supervised by the instructor.

**Credits:** 1

### **Prerequisites:**

Instructor approval. Majors only

## **THAC 007: Prod Prac.: Summer Prof.Intern**

This course is designed for Theatre Arts Acting majors to receive credits for the practical application of acting skills in departmental or professional productions.

**Credits:** 1

**THAC 014: Voice for the Stage-Major only**

Learn the vocal techniques for the actor.

**Credits:** 3

**THAC 015: Diction for the Stage**

Study phonetics and placement of sounds for effective speech.

**Credits:** 3

**Prerequisites:**

THAC 014

**THAC 016: Dialects for the Stage**

Explore techniques of various dialects based on phonetics and phonology.

**Credits:** 3

**Prerequisites:**

THAC 014.

**THAC 017: Speech for Mic/Lab-Majors Only**

Explore the importance of effective vocal techniques for stage, film and TV production to aid in formulating a practical, systematic approach to more effectively communicate ideas using microphones. Spring only.

**Credits:** 3

**Prerequisites:**

THAC 014; THAC 015; Majors

**THAC 020: Intro Acting: Non-Major**

Study the problems and techniques of acting through history, theory, and practice. Learn an appreciation of the actor's function as a creative artist through selected readings, exercises and play attendance. Examine the actor's craft through improvisation and exercises, physical and emotional skills.

**Credits:** 3

**Prerequisites:**

Sections limited to sixteen (16) students.

**THAC 021: Acting Tech I-Acting Majors**

Study the acting instrument and the processes and techniques of the actor. Learn improvisations and beginning scenes: textual analysis to perceive acting problems, personal involvement, selecting and accomplishing stage tasks.

**Credits:** 3

**Prerequisites:**

Consent of instructor based on audition. Fall semester only.

**THAC 022: Act Tech II-Theatre Majors**

Explore the actor's craft through improvisation and exercises in physical and psychological action; problems in the use of imagination, observation and research as tools for exploring the script.

**Credits:** 3

**Prerequisites:**

THAC 021; Majors only

**THAC 023: Act Char/Scene St I-Acting Mjr**

Learn acting skills and sensory awareness. Beginning scene study, textual analysis.

**Credits:** 3

**Prerequisites:**

THAC 022. Fall semester only.



**THAC 024: Act Chcter/Scene Std II-Majors**

Learn the analysis, interpretation and performance of contemporary modern dramatic literature, with a special provision for dramatic literature of the African diaspora.

**Credits:** 3

**Prerequisites:**

THAC 021; THAC 022; THAC 023; Majors only

**THAC 025: Movement I-Majors Only**

Learn movement based acting techniques related to the techniques and practices of Anne Bogart's VIEWPOINTS, Tadashi Suzuki's SUZUKI method and Ruben Von Laban's LABAN method.

**Credits:** 2

**Prerequisites:**

Consent of instructor. Fall Semester only.

**THAC 026: Stage Combat**

Fundamentally a movement course. Introduces fencing, and incorporates the three major weapons: the epee, the sabre, and the foil. Also emphasizes unarmed combat techniques, involving movement patterns in boxing, karate and wrestling and the application of these activities toward creating the illusion of combative reality on the stage. Spring Semester only.

**Credits:** 2

**THAC 027: Audition Techniques**

Learn how to prepare monologues, work on prepared and cold readings, resume, and marketing techniques.

**Credits:** 3

**Prerequisites:**

Consent of instructor. Class is limited to fifteen (15) students.

**THAC 030: Beginning Directing**

Learn the fundamentals of script analysis, blocking casting procedures, compositions, and stage business and their relationship to technical theatre.

**Credits:** 3

**THAC 054: Fund. of Dance II**

Fundamentals II goes beyond the basics to tackle more complex and challenging floor work, as well as to emphasize performance qualities and expression.

**Credits:** 2

**THAC 071: Acting for Non-Majors**

Study the theories of Viola Spolin, Daniel Pink, Rollo May, Edward de Bono, Eric Maisel and Michael Michalko. Learn to understand and utilize their creative abilities. Explore how to free the and explore mind, voice and body in an original and deeply creative manner. Explore how to become aware of processes that aid in reducing mental and physical tension, improving focusing skills, taking bold and spontaneous risks (both written and improvised). Learn to apply the creative process to fields beyond theatre, while also engaging in the principles of teamwork and leadership. Study honest and conscientious self and peer assessment, and techniques of creative application in order to drastically improve creativity and the ability to communicate that creativity through communication and interaction with others.

**Credits:** 3

**THAC 106: Acting for Television & Film**

A study of the special technical aspects of acting before a camera.

**Credits:** 3

**Prerequisites:**

Consent of instructor. This course requirement may be substituted by THAC 211.

**THAC 107: Forms of Entertainment**

Designed to familiarize the student with various selected forms of entertainment, from both a scholarly and practical perspective.

**Credits:** 3

**Prerequisites:**

Consent of instructor.

**THAC 108: Introduction to Dinner Theater**

Teaches the techniques of producing and directing a dinner theatre.

**Credits:** 3

**THAC 110: Dramatic Interpretation**

Introduces the student to the analysis and interpretation of various type of literature. During the course of study, the student will become acquainted with the techniques of poetry, narrative, cold readings and reader's theatre.

**Credits:** 3

**THAC 120: Act:Ch-Scene Stdy 3/Lab-Mjrs**

Explore characterization, text analysis and the synthesis of voice, speech and movement as well as appreciation of choices and obligation in the development of the characters.

**Credits:** 4

**Prerequisites:**

Majors only

**THAC 121: Act: Ch-Scene Study IV/Lab**

Explore the acting process using contemporary and modern scripts to construct the principles of advanced scene study focusing on political topics. Experiment with devised creativity, integrating physical stamina, and non-traditional language structures.

**Credits:** 4

**Prerequisites:**

Majors only

**THAC 122: Acting: Styles I-Majors Only**

Learn acting of techniques and scene study and problems of form and content in poetic drama. Material of heightened prose will also be explored in terms of speech and action.

**Credits:** 3

**Prerequisites:**

Majors only

**THAC 123: Acting: Styles II**

Explore selected styles of acting from an historical perspective.

**Credits:** 3

**Prerequisites:**

THAC 025 and THAC 122.

**THAC 124: Seminar in Hip Hop Theatre**

Explore the fundamental principles of the acting craft through the active application of analyzing.

**Credits:** 3

**THAC 128: Seminar in Acting**

Continuation of work in styles leading to performance in full stage production.

**Credits:** 3

**Prerequisites:**

THAC 122. Course restricted to graduating seniors in Performing Arts only. Spring semester only.

**THAC 129: Acting Seminar**

Explore the adaption of business skills for the performing artist in preparation for entrepreneurship and artist marketing.

**Credits:** 3

**Prerequisites:**

Instructor approval. Majors only

**THAC 130: Rehearsal and Perf**

Explore rehearsal techniques, while providing a platform to experience a professional rehearsal room setting and engage professional rehearsal room best practices in the creation of a live performance.

**Credits:** 6

**Prerequisites:**

Majors only

**THAC 200: Theatre Workshop**

A series of master classes in theatre conducted by guest artists-in-residence.

**Credits:** 2

**Prerequisites:**

Admission by consent of chairman and faculty only.

**THAC 201: IS: Singing Voice for Actors**

Learn skills in acquiring techniques for the application of the beginning singer.

**Credits:** 3

**Prerequisites:**

Instructor approval. Majors only

**THAC 201-208: Independent Study for Each Area of Concentration**

Designed by the teacher and student to pursue a particular area of interest in theatre. This is an elective course and cannot be substituted for a required course.

**Credits:** 4

**Prerequisites:**

Consent of instructor.

**THAC 202: Independent Study: Performance**

Explore a particular area of interest in theatre working independently with an instructor.

**Credits:** 3

**Prerequisites:**

Instructor approval. Majors only

**THAC 209: Drama Internship**

Study the craft of acting in action by observing the creation of a live theatre production at an off-campus site from rehearsal through performance.

**Credits:** 3

**Prerequisites:**

Instructor approval. Majors only

**THAC 209-01: Drama Internship**

This course is designed to provide an on-site experience and an introduction to the economic and administrative aspects of American theatre, especially as they apply to repertory, community and educational organizations.

**Credits:** 3

**THAC 211: Act for Film/TV I-Majors Only**

Learn professional hands-on experience in acting techniques for the camera.

**Credits:** 3

**Prerequisites:**

Majors only

**THAC 212: Acting for Film/TV II**

Learn professional hands-on experience in acting techniques for the camera.

**Credits:** 3

**Prerequisites:**

Majors only

**THAC 250: Story Prod. Workshop**

Devise professional theatrical storytelling for the Roxie Roker Touring Company. For company members only.

**Credits:** 3

**THAC 300: Cinema Lab**

Devise and produce short films focused on acting performance.

**Credits:** 3

## THDN - Dance Arts

**THDN 001: Modern I**

Learn foundational modern dance skills in the Katherine Dunham and/or Martha Graham technique.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 002: Modern II**

Learn beginner-intermediate modern dance skills in the Katherine Dunham and/or Martha Graham technique.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 003: Modern III**

Learn Intermediate modern technique in Dunham and/or Graham.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 004: Modern Dance Technique IV**

Learn intermediate-advanced levels of modern technique in Dunham and/or Graham technique.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 005: Mdrn Dance Tech 5 (Dance Mjrs)**

Learn and execute advanced levels of modern technique in Dunbam and/or Graham technique.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 007: Ballet I**

Study ballet discipline, develop posture, alignment, and muscular control to improve health and appearance of physical body.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 007: Ballet I (Dance Mjrs)**

Emphasizes ballet discipline, develops posture, alignment, and muscular control to improve health and appearance of physical body.

**Credits:** 2

**THDN 008: Ballet II**

Study specific approaches to classical form of ballet (Cecchetti, English, Bourneville, etc.)

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 009: Ballet III**

Learn intermediate level of specific techniques in classical ballet (Cecchetti, English, Bourneville, etc.).

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 010: Major Ballet IV**

Study advanced ballet technique with an emphasis on an all-around elite athlete level vocabulary, and a professional understanding of alignment and musicality. Explore anatomical concepts for practical application.

**Credits:** 2

**Prerequisites:**

Placement, THDN 007, 008, 009

**THDN 012: Jazz I**

Learn beginner-intermediate techniques in Jazz dance.

**Credits:** 2

**THDN 015: African Dance I Majors**

Explore a specific region (Ghana, Senegal, Guinea, Gambia, Ivory Coast, etc.) of traditional African dance movements, history and music.

**Credits:** 2

**Prerequisites:**

Spring semester.

**THDN 015: African Dance I Majors**

Explores traditional movements and rhythms from Central and West Africa and is accompanied by live drumming. Focuses on the development of solid foundational skills in African dance technique. Emphasizes the cultural significance of various dances and rhythms as well as the influences of the African aesthetic in contemporary dance and culture.

**Credits:** 2

**THDN 016: African Dance II**

Examine and practice traditional African dance movements, history and music from a specific region (Cameroon, Gabon, Rwanda, Congo, Zaire, etc.).

**Credits:** 2

**Prerequisites:**

THDN 015, or consent of instructor. Fall semester.

**THDN 017: African Dance III**

Explore traditional movements and rhythms from West Africa and/or South Africa and is accompanied by live drumming. Study the development of solid foundational skills in African dance technique. Understand the cultural significance of various dances and rhythms as well as the influences of the African aesthetic in contemporary dance and culture.

**Credits:** 3

**Prerequisites:**

THDN 016

**THDN 021: Dance Comp I (Dnc Mjrs)**

Explore the theoretical and practical applications of compositional skills in dance; movement themes and variations, motifs, etc., including the choreographer's role in the structuring of dance works. Fall semester.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 022: Dance Composition II**

Explore beginning-intermediate dance composition techniques and application of improvisation as a choreographic tool in the creative process of compositional development.

**Credits:** 2

**THDN 023: Dance Comp III (Dnc Mjrs)**

Explore intermediate-advanced dance composition techniques and application of improvisation as a choreographic tool in the creative process of compositional development.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 024: Dance Composition IV**

Explore advanced dance composition techniques and application of improvisation as a choreographic tool in the creative process of compositional development.

**Credits:** 2

**Prerequisites:**

THDN 023

**THDN 029: Dance Hist I WRTG**

Explore dance, the oldest form of human physical expression. Examine the history of dance in Africa from antiquity to the 20th century through theoretical reading, writing, and digital engagement.

**Credits:** 3

**THDN 030: Dance History II: Afr Diasp**

Examine the history of dance in the African Diaspora from 16th century to the 20th century through theoretical reading, writing, and digital engagement.

**Credits:** 3

**THDN 031: Anat/Kinesiology**

Learn the principles of Anatomy and Kinesiology and its relationship towards optimal movement in advance to elite level dance technique with a heightened focus in Ballet and Ballet Pedagogy. Study the structure and function of the muscular and skeletal systems. Understand movement analysis, conditioning principles, proper alignment, terminology, and injury prevention.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**THDN 032: Ethnology of Dance (Dnc Mjrs)**

Study dance as a means to analyze human culture, social structure, and societies.

**Credits:** 2

**THDN 033: Aesthetics of Dance**

Learn skills to analyze the philosophical, physical, and visual qualities of dance.

**Credits:** 2

**THDN 036: Dance Senior Seminar w/Lab**

Explore and prepare for the professional field of Dance Arts.

**Credits:** 3

**Prerequisites:**

Dance majors; Fall Semester only.

**THDN 037: Methods of Teaching**

Learn the methods of teaching dance. Field work may supplement class credit, if cleared by the professor.

**Credits:** 3

**Prerequisites:**

At least two of THDN 001, 007, 008, 009, 010, 015, 020; 021, 022, 029, 030, 031, 065, 066; THMT 067, and 068.

**THDN 039: Artist & Dnce Exp I**

Explore the actual depth of dance inclusive of independent responsibilities that include assignments with instructors, artistic directors, administrators, choreographers, and dance companies.

**Credits:** 2

**THDN 040: Artist and Dance Experience II**

Explore the practical application of the requirements for total involvement and development as an artist preparing to enter the dance arts profession.

**Credits:** 2

**Prerequisites:**

THDN 039. Spring semester.

**THDN 045: Major Jazz/Tap Choreog Wkshp**

Explores advanced dance composition techniques in the fields of Jazza and Tap dance.

**Credits:** 2

**THDN 046: Major African Perf Workshop**

Study traditional African dance movements, history, and music from a specif region (Ethiopia, Kenya, Tanzania, Mozambique, South Africa, etc.) for stage performance.

**Credits:** 2

**Prerequisites:**

THDN 016, or consent of instructor. Spring semester.

**THDN 047: Major Performance Tech I**

Learn skills for dance performance, including audience engage, and practice tecninques.

**Credits:** 2

**THDN 049: Dance Orientation I/Lab**

Learn beginning dance vocabulary and praxis including stretching and strengthening exercises, alignment, movement phrases, and basic locomotor skills, including performances and discussion.

**Credits:** 2

**THDN 050: Maj-Min Dance Orientation II**

Learn intermediate dance vocabulary and praxis including stretching and strengthening exercises, alignment, movement phrases, and basic locomotor skills, including performances and discussion.

**Credits:** 2

**THDN 051: Dance Maj Movement Techn I**

Learn intermediate skills in additional techniques in dance including Umfundalai, Horton, etc.

**Credits:** 2

**THDN 053: Dance Fundamentals I**

Learn the fundamentals of modern dance focusing primarily on the development of techniques and creative problem solving. Study basic anatomy, dance terminology, and a general overview of modern dance history.

**Credits:** 2

**THDN 054: Dance Fund II (Thea Arts Mjrs)**

Study the basic concepts and principles within ballet, contemporary, and jazz dance movements.

**Credits:** 2

**Prerequisites:**

THDN 053

**THDN 055: Dance Fundamentals III**

Continuation of THDN 054. Study the beginning-intermediate concepts and principles within ballet, contemporary, and jazz dance movements.

**Credits:** 2

**Prerequisites:**

THDN 054

**THDN 056: Dance Fundamentals IV**

Continuation of THDN 055. Study the intermediate concepts and principles within ballet, contemporary, and jazz dance movements.

**Credits:** 2

**THDN 061: Dance Senior Seminar II**

Study techniques for preparation for the professional field of Dance Arts in this seminar for dance majors.

**Credits:** 3

**THDN 062: Contemporary Trends in Dance I**

Explore relevant resources available to dance professionals and pertinent trends in dance. Understand the tools needed for entering the dance arts profession. Learn Coursework Professional Representation (Agents, Contracts), Dance in Academia (Choreography as Research, Residencies), Networking and Relationships, Management, and 20 and 21st century Trends/Current Resources for Artists. Explore management experience via the Kankouran Dance Conference.

**Credits:** 2

**Prerequisites:**

Dance majors

**THDN 063: Dance Tech:Ballet/Modern**

Learn beginning technique in ballet and modern dance.

**Credits:** 2



**THDN 064: Africa and Seminar**

Explore readings on African dance culture. Develops skills to construct research projects on the findings.

**Credits:** 2

**THDN 065: Beginning Tap**

Studio practice in the dance form derived from the traditional fast footwork steps of African Americans, using syncopated rhythms. Spring semester.

**Credits:** 2

**THDN 066: Dance Fundamentals III**

Explore progressive development to the historic origins and foundations of tap dance to the intermediate and advance levels. Study terminology, technique, and placement for maximum results in execution. Understand style, rhythm, and musicality specific to tap dancing.

**Credits:** 2

**Prerequisites:**

Prerequisite: THDN 065

**THDN 067: Kines. Character Develop & Sto**

Explore kinesthetic character development and storytelling designed to develop the artists physical capabilities by instilling a foundation of techniques and concept. Learn to create clear characters for the stage.

**Credits:** 3

**THDN 071: Dance Major Movement Tech**

Explore foundational theoretical and physical studies of Pointe Technique. Study pointe shoe tutorial on the various shoe types, and individual assessments. Understand advanced pointe basics of necessary lower extremity muscle and joint strength, total body alignment, and foundations of barre and center work tailored to pointe technique.

**Credits:** 2

**THDN 072: Major Movement Tech. II**

Explore intermediate theoretical and physical studies of Pointe Technique. Study pointe shoe tutorial on the various shoe types, and individual assessments. Understand advanced pointe basics of necessary lower extremity muscle and joint strength, total body alignment, and foundations of barre and center work tailored to pointe technique.

**Credits:** 2

**Prerequisites:**

Prerequisite: THDN 071

**THDN 075: Contemporary Trends in Dance I**

Explore current trends in the dance industry. Understand the tools needed for entering the dance arts profession. Learn how to navigate the world of agents and contracts. Learn to cultivate professional networks and professional relationships. Examine current trends in dance in academia (choreography as research, and residencies).

**Credits:** 2

**Prerequisites:**

THDN 062

**THDN 076: Dnc Tech I Bal/Mod/Afr & Sem**

Learn foundational skills in ballet, modern, and African dance techniques.

**Credits:** 2

**Prerequisites:**

Dance majors, minors

**THDN 077: Dance Tech II Bal/Mod/Afr Sem**

Learn beginning-intermediate skills in ballet, modern, and African dance techniques.

**Credits:** 2

**Prerequisites:**

Dance majors, minors

**THDN 085: Contemporary Trends Dance II**

Explore current and nontraditional trends in the dance industry. Understand the tools needed for entering the dance arts profession. Learn how to navigate the world of agents and contracts. Learn to cultivate professional networks and professional relationships. Examine current trends in dance in academia (choreography as research, and residencies).

**Credits:** 2

**Prerequisites:**

THDN 075 or THDN 062

**THDN 090: Major Dance Orient. II**

Explore an interest in the professional dance world. Builds strength and control necessary for further advanced study in dance technique.

**Credits:** 1

**THDN 093: DM Modern Graham II**

Learn advanced dance vocabulary and praxis including stretching and strengthening exercises, alignment, movement phrases, and locomotor skills for Graham technique.

**Credits:** 2

**THDN 094: Major Perf Workshop I**

Learn preparation techniques for performance including pre-performance warm-ups and stage presence.

**Credits:** 2

**THDN 100: Dance Administration**

Learn skills for administrative and organizational structure in the field of dance.

**Credits:** 1

**THDN 108: Major Ballet II**

Learn intermediate level skills in techniques in classical ballet.

**Credits:** 2

**THDN 198: IS: Performance**

Explore and research topics in dance in preparation for performance.

**Credits:** 3

**THDN 199: Dance/Theatre Practicum**

Explore actually working on a production. Study being in a show working Front of House (FOH) as: House Manager, Publicity Agent, Ticket Seller, Usher or supporting the production backstage

**Credits:** 2

**THDN 200: Dance/Theatre Practicum**

Learn how to plan, design, and execute the technical aspects of a dance production. Study how staging a dance production differs from a play or musical. Understand how a dance performance offers up unique intricacies and challenges all its own, from scenery that accommodates choreography, to lighting design that sculpts the body, and costumes that complement movement.

**Credits:** 2

**THDN 201: Dance Tech Production**

Learn skills to plan, design, and execute technical aspects of a dance production. Study how staging a dance production differs from a play or musical.

**Credits:** 3

**THDN 209: Dance Internship**

Explore career opportunities in dance fields other than, or in addition to, those with a choreographic or performance emphasis. Understand how knowledge and skills developed in their major studies can be applied to a practical work experience.

**Credits:** 3

**THDN 211: Dance Internship II**

Explore career opportunities in dance fields other than, or in addition to, those with a choreographic or performance emphasis. Understand how knowledge and skills developed in major dance studies can be applied to a practical work experience.

**Credits:** 3

**THDN 225: Dance Technical Production II**

Continuation of THDN 200

**Credits:** 1

**THDN 300: Dance for Non-Majors**

Learn dance foundation and styles to include ballet, tap, African and hip hop.

**Credits:** 2-3

**THDN 500: Dance Internship I**

Explore career opportunities in dance fields other than, or in addition to, those with a choreographic or performance emphasis. Understand how knowledge and skills developed in major dance studies can be applied to a practical work experience.

**Credits:** 3

**THDN 501: Dance Internship II**

Explore career opportunities in dance fields other than, or in addition to, those with a choreographic or performance emphasis. Understand how knowledge and skills developed in major dance studies can be applied to a practical work experience.

**Credits:** 3

## THPD - Pre-directing

**THPD 030: Beginning Directing I**

Learn the principles, procedures, and practices of stage direction.

**Credits:** 3

**THPD 031: Beginning Directing II**

Continuation of THPD 030. This course introduces the principles, procedures, and practices of stage direction.

**Credits:** 3

**Prerequisites:**

THPD 030.

**THPD 032: Intermed Directing I: Style**

Explore various styles of stage direction and the history of the director.

**Credits:** 3

**Prerequisites:**

THPD 030 and consent of instructor. Fall semester only.

**THPD 033: Intermediate Directing II (Periods)**

Focus on spot problems of individual student directors, scene work.

**Credits:** 3

**Prerequisites:**

THPD 030, THPD 032 and consent of instructor. Spring semester only.

**THPD 034: Directing: Reader's Theatre/ Adaptations**

This course is aimed towards learning how to adapt literature and poetry to the stage and how to direct stage readings of both new and old plays.

**Credits:** 3

**Prerequisites:**

Consent of instructor.

**THPD 135: Directing Seminar: Apprenticeship/ Community or Professional Theatre**

Individual projects in directing in cooperation with community or professional theatre.

**Credits:** 3

**THPD 138: Independent Study: Directing**

Designed by student and instructor to pursue a specific area of interest in directing. Project may be in cooperation with Department, community or professional theatre.

**Credits:** 3

**Prerequisites:**

Consent of instructor and THPD 030, THPD 032, THPD 033.

**THPD 139: Senior Seminar**

Exploration of communication between directors, actors, technicians and administrators in scene work culminating in a student directed production.

**Credits:** 3

**Prerequisites:**

Consent of instructor and THPD 190.

## THMT - Musical Theatre

**THMT 027: Character/Scene Study IV**

Learn intermediate to advanced acting skills using the study and performance of scenes from Western and non-Western drama.

**Credits:** 3

**THMT 028: Charctr/Scene Stdy-Music Thea**

Explore the "mindset" of character development and how to use the clues in a script to develop the character.

**Credits:** 3

**THMT 029: Charact/Scene Stdy II-M. Thea**

Continuation of THMT 028

**Credits:** 3

**Prerequisites:**

THMT 028

**THMT 041: Int to Theory for Music Thea**

Learn the basic music literacy skills covering the fundamentals of Western music theory.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**THMT 042: Ele. Ear Tr/S.S. I**

Explore the concepts and techniques of sight singing. Study a variety of methodologies including, interval training, movable and immovable and relative pitch memory.

**Credits:** 2

**Prerequisites:**

Intro to Music Theory for Musical Theatre (THMT 041)

**THMT 043: Ear Train/SS II Music Thea**

Learn the study of reading music as a singer, pitch recognition and prediction and further analysis and training of melodic and harmonic singing. Study material from 20th century American (and international) Musical Theater pedagogy. Understand a variety of ways of quickly reading, understanding and performing musical theater works.

**Credits:** 2

**Prerequisites:**

Ear Training / Sight Singing for Musical Theatre I (THMT 042)

**THMT 044: Musical Theatre Standards**

Learn to utilize the skills of previous Ear Training courses to familiarize students with the general canon of American Musical Theatre repertoire.

**Credits:** 2

**Prerequisites:**

Ear Training / Sight Singing for Musical Theatre II (THMT 043)

**THMT 061: Ballet I**

Learn the foundational skills of ballet technique. For Theatre Arts Dance majors and minors only.

**Credits:** 2

**THMT 062: Ballet II**

Learn intermediate skills of ballet technique. For Theatre Arts Dance majors and minors only.

**Credits:** 2

**THMT 065: Tap I-Majors Only**

Learn the foundational skills of tap technique. For Theatre Arts Musical Theatre/Dance majors and minors only.

**Credits:** 2

**THMT 066: Tap II**

Learn the intermediate skills of tap technique. For Theatre Arts Musical Theatre/Dance majors and minors only.

**Credits:** 2

**THMT 067: Jazz I-Majors Only**

Study beginning contemporary and specific technique (traditional jazz dance, Luigi, Giordani, etc.).

**Credits:** 2

**Prerequisites:**

Spring semester only.

**THMT 068: Jazz II**

Learn intermediate techniques in Jazz dance.

**Credits:** 2

**THMT 100: Music Theatre Tech I-Mjrs Only**

Explore foundational concepts for the synthesis of musical theater through acting, singing and dance.

**Credits:** 3

**THMT 101: Musical Theatre Techniques I (THMT 101)**

This course is designed to introduce students to the craft of storytelling through song. Acting techniques are combined with vocal techniques as well as exercises in lyric interpretation and dramatic shaping to bring students to honest, organic presentations of solo sung material.

**Credits:** 3

**Prerequisites:**

Acting Character / Scene Study II (THAC 024)

**THMT 102: Music Theatre Tech II-Majors**

Explore the synthesis of musical theater through the study of scene-to-song, duets and movement.

**Credits:** 3

**Prerequisites:**

Musical Theatre Techniques I (THMT 101)

**THMT 103: Music Thea Tech III-Mjrs Only**

Learn the concepts of storytelling through song and movement, as taught in Musical Theater Techniques I and II, through mounting a one-act book musical.

**Credits:** 3

**Prerequisites:**

Musical Theatre Techniques II (THMT 102)

**THMT 104: Music Theatre Tech IV-Majors**

Learn to successful complete a 35-45 minute solo cabaret presentation. Understand how classes, workshops, seminars, symposia and other supplemental coursework are all designed to culminate in a high quality performance.

**Credits:** 3

**Prerequisites:**

Musical Theatre Techniques III (THMT 103)

**THMT 105: History of Musical Theatre**

Learn the the development, progression, contributions, and structure of the musical theatre form. Study related forms such as opera and musical comedy.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

**THMT 107: Singing for the Performer**

Learn the basic skills for musical theatre singing.

**Credits:** 3

**THMT 108: Singing for the Performer II**

Learn intermediate skills for musical theatre singing. THMT 107 is a prerequisite for this course.

**Credits:** 3

**THMT 109: IS: MT Piano Accomp.**

Learn the basic skills for piano accompaniment for musical theatre

**Credits:** 2

**THMT 110: IS: MT Piano Accompanying**

Learn the basic skills for piano accompaniment for musical theatre

**Credits:** 2

**THMT 111: Voice - Music Thea-Mjrs Only**

Learn about the anatomy/physiology of the voice, its usage, and fundamental exercises on building foundational vocal technique (breathing, support and placement labs).

**Credits:** 1

**THMT 112: Voice - Music Thea-Mjrs Only**

Learn foundational vocal technique study through smaller group labs. Study culminates in a Freshman Showcase where material in conjunction with other musical theatre elements are applied in an open performance.

**Credits:** 1

**Prerequisites:**

Prerequisite: Voice for Musical Theatre I (THMT 111)

**THMT 113: Voice - Music Thea-Mjrs Only**

Explore the uniqueness of individual voices and how to healthily use them. Understand how to unify the registers of the voice across the passagio (una voce). Study the application of foundational techniques through limited, directed literature (classical vocalises and traditional musical theater), and begin wedding technique with artistic expression.

**Credits:** 1

**Prerequisites:**

Prerequisite: Voice for Musical Theatre II (THMT 112)

**THMT 114: Voice - Music Thea-Mjrs Only**

Study contemporary musical theater.

**Credits:** 1

**Prerequisites:**

Prerequisite: Voice for Musical Theatre III (THMT 113)

**THMT 115: Voice - Music Thea-Mjrs Only**

Study private instruction to build on concepts and experience from Voice for Musical Theater IV. Explore more advanced vocal techniques through more difficult and varied song selections. Use performances (Wednesdays at Noon) to further develop skills in applying vocal technique to aid in storytelling.

**Credits:** 1

**Prerequisites:**

Prerequisite: Voice for Musical Theatre IV (THMT 114)

**THMT 116: Voice - Music Thea-Mjrs Only**

Learn advanced vocal technique and storytelling. Understand performance development through Wednesdays at Noon performances. Explore a much larger and broader repertoire of material.

**Credits:** 1

**Prerequisites:**

Prerequisite: Voice for Musical Theatre V (THMT 115)

**THMT 117: Voice-Music Thea-Mjrs Only**

Explore choosing material for the final Senior Cabaret as well as identify songs and formally develop the Audition Book. Study a variety of genres of music, including pop, R&B, gospel, rock, etc.

**Credits:** 1

**Prerequisites:**

Voice for Musical Theatre I through VI

**THMT 118: Voice - Music Thea-Mjrs Only**

Explore the quality vocal execution of the final Senior Cabaret. Study for the Audition Book and any additional vocal material.

**Credits:** 2

**Prerequisites:**

Voice for Musical Theatre VII (THMT 117)

**THMT 201: Independent Study**

Explore a course in independent academic inquiry related to musical theatre. Instructor approval required.

**Credits:** 3

**THMT 202: Independent Study:Performance**

Explore a course of independent performance inquiry related to musical theatre. Instructor approval required.

**Credits:** 3

**THMT 300: Piano for Musical Theatre**

Learn the piano to assist your music theory understanding, music notation reading, and ear training ability.

**Credits:** 1

**THMT 301: Piano for Musical- Theatre II**

Learn the piano to assist your music theory understanding, music notation reading, and ear training ability.

**Credits:** 1

## World Languages

<http://www.coas.howard.edu/worldlanguagesandcultures>

The Department of World Languages and Cultures offers majors in French and Spanish and an undergraduate program leading to secondary teacher education certification in French and Spanish. Minors are available in German and Russian. In addition to the major and minor programs, the department offers a four-semester language sequence in Arabic, Chinese, Japanese, Korean, Portuguese, Swahili, and Wolof. A unique feature of all undergraduate programs and courses is the incorporation, where applicable and possible, of content related to African American and African contributions to the historical and sociocultural development of world cultures.

Please refer to the World Languages section of the Course Directory for listings of all languages courses offered by the department.

**ZULU 1: Zulu I**

**Credits:** 3

**ZULU 2: Zulu II**

**Credits:** 3

**ZULU 3: Zulu III**

**Credits:** 3



# ARAB - Arabic

## COURSE DESCRIPTIONS

### **ARAB 001: Arabic I**

Prepares the student to the basic language skills (speaking, listening, reading and writing). Prerequisite: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **ARAB 002: Arabic II**

Reinforces the range of skills practiced in ARAB 001 while focusing on expanding the students' vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Amharic 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: ARAB 001

**Credits:** 3

**Prerequisites:**

ARAB 001 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **ARAB 003: Arabic III**

Strengthens the development of audio-lingual and written skills, with reading, oral discussion and presentation of grammar. Students begin to appreciate the richness of the target community. Prerequisite: ARAB 002

**Credits:** 3

**Prerequisites:**

ARAB 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **ARAB 004: Arabic IV**

Increases ability to read texts that focus on literature and culture. Emphasis is placed on speaking, writing and vocabulary expansion. The course helps students to develop skills in reading and writing culturally enriched materials. Prerequisite: Prerequisite: ARAB 003

**Credits:** 3

**Prerequisites:**

ARAB 003 or equiv.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **ARAB 040: Grammar Review**

Prepares students to master major elements of of Arabic grammar to increase students' skills in the language. As a core course in the minor sequence of Arabic, it provides students with sufficient control of basic grammatical elements of the language to increase accuracy in their functionality. Prerequisite: ARAB 004

**Credits:** 3

**Prerequisites:**

ARAB 004.

### **ARAB 050: Oral Expression I**

Develops speaking and listening skills through a variety of instructional strategies. Enables student to have control of basic Arabic language and to express their their ideas with fluency and accuracy. Prerequisite: ARAB 004

**Credits:** 3

**Prerequisites:**

ARAB 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**ARAB 051: Oral Expression II**

Prepares students for thorough review and practice of major elements of the target language linguistic structures. Prerequisites: FREN 040 and FREN 050

**Credits:** 3

**Prerequisites:**

ARAB 050 or equivalent.

**ARAB 052: Reading and Writing Workshop**

Develops specific skills of reading and writing in Arabic. Students continue to learn how to read and write using the Arabic script. Prerequisite: ARAB 040 or ARAB 050

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**ARAB 190: Independent Study**

Prepares students to conduct independent study/research under the guidance of a faculty advisor or the equivalent. Prerequisite: Instructor's permission.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**ARAB 191: Independent Study II**

Provides guidance to the student in research on a specific topic or project. Prerequisite: Instructor's permission

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

## Somali

**SOMA 001: Somali I**

This course provides an introduction to the basic Somali language skills (speaking, listening, reading, and writing), with emphasis on proficiency

**Credits:** 3

**SOMA 002: Somali II**

Continued development of the basic language skills in Somali through integration of classroom drills and language exercises.

**Credits:** 3

## CHIN - Chinese

**CHIN 001: Chinese I**

Prepares the student to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented course. Prerequisite: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**CHIN 002: Chinese II**

Reinforces the range of skills practiced in Chinese 001 while focusing on expanding the students' vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Chinese 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: Chinese 001

**Credits:** 3

**Prerequisites:**

CHIN 001 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**CHIN 003: Chinese III**

Strengthens the development of audio-lingual and written skills, with reading, oral discussion and presentation of grammar. Students continue to appreciate the richness of the target community. It further enhance speaking, listening, reading, and writing in Chinese with an inclusion of cultural activities. Prerequisite: CHIN 002

**Credits:** 3

**Prerequisites:**

CHIN 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**CHIN 004: Chinese IV**

Elevates the study of the Chinese language with an audiovisual approach. Literary texts are studied. Allows students to communicate information on a variety of topics, familiar and unfamiliar, with confidence and ease.

Prerequisite: CHIN 003

**Credits:** 3

**Prerequisites:**

CHON 003 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**CHIN 050: Oral Expression I**

Strengthens speaking and listening skills through a variety of instructional strategies. Fosters fluency and command of the target language.

**Credits:** 3

**Prerequisites:**

CHIN 004

**CHIN 051: Oral Expression II**

Strengthens fluency in formal and informal speaking skills in the target language

**Credits:** 3

**CHIN 190: Independent Study I**

Provides guidance to students working on independent research projects under the guidance of a faculty advisor or the equivalent. Prerequisites: Instructor's approval

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**CHIN 191: Independent Study II**

Advanced independent study/research under the guidance of a faculty advisor or the equivalent.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

# FREN - French

## COURSE DESCRIPTIONS

### **FREN 001: French I**

Prepares students to the basic language skills (comprehension, speaking, reading, and writing) with emphasis on proficiency. Prerequisite: None

**Credits:** 3

### **FREN 002: French II**

Reinforces the range of skills practiced in FREN 001 while focusing on expanding the students' vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in FREN 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: FREN 001

**Credits:** 3

### **Prerequisites:**

FREN 001 or the equivalent.

### **FREN 003: French III**

Strengthens the development of audio-lingual and written skills, with reading, oral discussion and reinforcement of grammar and syntax. Prerequisite: FREN 002

**Credits:** 3

### **Prerequisites:**

FREN 002 or the equivalent.

### **FREN 004: French IV**

Strengthens the reading of texts dealing with literature and culture with emphasis on speaking and writing along with vocabulary expansion. Prerequisite: FREN 003

**Credits:** 3

### **FREN 012: Beginning French I & II**

Introduces students to a fast track intensive two-semester course in order to complete the language requirement in one year. No prerequisites.

**Credits:** 6

### **FREN 013: Interm French III & IV**

Strengthens oral and written proficiency with specific linguistic structures and vocabulary expansion.

**Credits:** 6

### **Prerequisites:**

FREN 012 or equivalent.

### **FREN 014: Introduction to Humanities I**

The first part of two-semester core course for freshmen designed to enhance their understanding of great and enduring themes of humanistic inquiry. Students read literary and philosophical works of major historical significance and value from a contemporary viewpoint. Students explore themes such as cultural collision and resolution, concentrating on various aspects of the epic tradition.

**Credits:** 3

**FREN 015: Intro to Humanities II**

Exploration of the relationship of the self to the other, with all its attendant considerations, and concentrate on generic distinctions between comedy and tragedy in drama, autobiography, and fiction. Prerequisite: Level I Humanities course or permission of instructor.

**Credits:** 3

**Prerequisites:**

FREN 014.

**FREN 040: Intensive Grammar Review**

Focuses on the major-minor sequence for a thorough review and practice of major elements of French grammar. Prerequisites: FREN 004

**Credits:** 3

**Prerequisites:**

FREN 004

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**FREN 050: Oral Communication I**

Focuses on active speaking and listening skills through a variety of instructional strategies. Prerequisite: FREN 040

**Credits:** 3

**Prerequisites:**

FREN 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**FREN 051: Oral Communication II**

Strengthens speaking and comprehension skills acquired in previous level, with an emphasis on oral and written spontaneous production. Prerequisite: FREN 050 or the equivalent.

**Credits:** 3

**FREN 052: Language and Thoughts**

Focuses on the skills of reading and writing in French. Students develop communication skills.

**Credits:** 3

**Prerequisites:**

FREN 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**FREN 055: Advanced Oral Expression**

Designed to foster advanced proficiency in sustained speech in French.

**Credits:** 3

**Prerequisites:**

FREN 051 or the equivalent.

**FREN 060: Social Discourses**

Enhances the skills acquired in FREN 052 by creating a space for open interactions and argumentative discussions using short texts and news articles, to develop a keener objective appraisal of the written word and permits a more refined sense of criticism. Prerequisite: FREN 040 and FREN 052

**Credits:** 3

**Prerequisites:**

FREN 052.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**FREN 064: French for the News Media**

For students interested in working with the news media, includes writing of newspaper articles and preparation and interpretation of sketches for broadcasting programs etc.

**Credits:** 3

**Prerequisites:**

FREN 052 or the equivalent.

**FREN 065: Simultaneous Interp**

Introduces students to the basic techniques of escort, consecutive, and particularly simultaneous interpretation. Prerequisites: FREN 040, FREN 050 and FREN 052

**Credits:** 3

**Prerequisites:**

3 semesters of a foreign language or the equivalent.

**FREN 066: Simultaneous Interpretation II**

Focuses on more advanced techniques of simultaneous and consecutive interpretation.

**Credits:** 3

**Prerequisites:**

Simultaneous Interpretation I or the equivalent.

**FREN 077: Advanced Composition**

Provides solid and advanced prose writing practice, stressing control of well-structured and detailed texts. Enables students to gain advanced skills in reading and writing. Prerequisite: FREN 040 and FREN 052.

**Credits:** 3

**Prerequisites:**

FREN 040.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**FREN 078: Business French**

Prepares students to deal with the business community and business correspondence in French.

**Credits:** 3

**Prerequisites:**

FREN 077.

**FREN 082: Survey of French Lit & Civ I**

Examination of French literature of the Middle Ages through the 17th Century. Prerequisites: FREN 040 and FREN 052

**Credits:** 3

**Prerequisites:**

FREN 060.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**FREN 082: Survey of French Lit & Civ I**

**Credits:** 3

**FREN 083: Expansion of French Culture**

Presents and explores the contribution of arts and culture in the formation of the French and Francophone cultural identities. Prerequisite: FREN 040 and FREN 052.

**Credits:** 3

**Prerequisites:**

FREN 060.

**FREN 084: Survey Afro-French Civ & Lit**

Examines AFRO French writers contributions to civilization and culture.

**Credits:** 3

**Prerequisites:**

FREN 060.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**FREN 085: French Afro Caribbean Cultures**

Examines AFRO Caribbean writers contributions to civilization and culture. Prerequisites: FREN 040 and FREN 052

**Credits:** 3

**Prerequisites:**

FREN 060.

**FREN 090: Societe Cont Francaise**

Explores the evolution of French current multicultural and secular society. Prerequisite: FREN 040 and FREN 052.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**FREN 093, 094: Directed Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**FREN 094: Directed Readings for Sophs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Requires permission from instructor.

**Credits:** 1

**FREN 095: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Requires permission from instructor.

**Credits:** 1

**FREN 095, 096: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**FREN 096: Directed Readings for Seniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Requires permission from instructor.

**Credits:** 1

**FREN 098, 099: Senior Department Honors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**FREN 099: Senior Departmental Honors**

Provides supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. Instructor's approval required.

**Credits:** 3

**FREN 100: Francophone Literature in English**

Study of masterpieces of literature in translation. Genre to be chosen by the instructor.

**Credits:** 3

**FREN 106: African Films**

Examines Africa in film as well as films produced in Africa. It places cinema in Sub Saharan Africa in its social, cultural, and aesthetic contexts ranging from neocolonial to postcolonial, Western to Southern Africa, documentary to fiction, art cinema to TV, and includes films that reflect on the impact of global trends in Africa and local responses, as well as changing racial and gender identifications. Prerequisite: None

**Credits:** 3

**FREN 107: Women in Literature**

An introduction to the role of women in the humanities. Investigates women as authors and subjects in Philosophy, German, Russian, Classics, English and the Romance Languages. The faculty will come from the individual departments.

**Credits:** 3

**FREN 110: Medieval French Literature**

Analysis of representative works of the Middle Ages from La Chanson de Roland to Francois Villon, with the texts examined in a general socio-historical context.

**Credits:** 3

**Prerequisites:**

FREN 080.

**FREN 115: Sixteenth Century: Renaissance**

Examination of France's cultural heritage in the 16th century with the evolution of literary forms studied against the backdrop of cultural transformation. Readings from Ronsard, Rabelais, Du Bellay, Calvin, and Montaigne.

**Credits:** 3

**FREN 120: Seventeenth Century Literature**

Drama and Prose readings from Descartes, Pascal, Bossuet, Mme de Sevigne, Boileau, Mme de Lafayette, La Bruyere, Corneille, Moliere, and Racine.

**Credits:** 3

**FREN 125: Eighteenth Century Literature**

Survey course covering the philosophical and social ideology of the Age of Enlightenment in France.

**Credits:** 3

**Prerequisites:**

FREN 083.

**FREN 130: Nineteenth Century Literature**

Representative selection of writings from the literary movements of the period.

**Credits:** 3

**FREN 140: Twentieth Century Literature**

A study of major literary currents and writers from 1900 to present.

**Credits:** 3

**FREN 150: Franco-Caribbean Civilization and Literature**

Study of sociopolitical and literary trends in French-speaking countries.

**Credits:** 3



**FREN 160: Francophone Africa: Civilization and Literature**

Study of texts reflecting historical, cultural and literary evolution in Francophone Africa.

**Credits:** 3

**FREN 171: French Linguistics**

Analysis of the phonology, morphology, syntax and semantics of French.

**Credits:** 3

**Prerequisites:**

FREN 040.

**FREN 172: French Phonology**

Intensive study of the sounds of the French language through symbols and spellings.

**Credits:** 3

**Prerequisites:**

FREN 040.

**FREN 177: Introduction to French-English Translation**

Designed to develop beginning skills in translation from French into English.

**Credits:** 3

**Prerequisites:**

FREN 040.

**FREN 178: Advanced French-English Translation**

Continuation of FREN 177.

**Credits:** 3

**FREN 187: Educational Methods in Foreign Language Teaching**

Introduction to methods, materials, and techniques in foreign language instruction.

**Credits:** 3

**FREN 190: IS: Fren Lang-Lit**

Provides guidance to student working on independent research project under the guidance of a faculty advisor or the equivalent. Provides guidance to the student in research on a specific topic or project. Enables students to propose and develop a topic of their interest and analyse it. Students are guided by a faculty mentor.

Prerequisite: Instructor permission.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**FREN 191: Independent Study II**

Advanced independent study/research under the guidance of a faculty advisor or the equivalent. Requires permission from instructor.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**FREN 194: Francophone Film**

Study of France and francophone countries through film, from cultural, sociological and technical points of view.

**Credits:** 3

# GERM - German

## COURSE DESCRIPTIONS

### **GERM 001: German I**

Develops students abilities to communicate in German by focusing on useful vocabulary and everyday situations. Students will acquire skills in listening, speaking, reading and writing German while gaining insight into the culture of German-speaking countries. No prerequisite.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **GERM 002: German II**

Reinforces the range of skills practiced in German 001, while focusing on expanding the students vocabulary and fluency. Emphasis placed on expanding speech, listening, reading and writing skills introduced in German 001. Students are prepared to handle real situations in foreign culture. Prerequisite: GERM 001

**Credits:** 3

**Prerequisites:**

GERM 001 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **GERM 003: German III**

Strengthens the study of the German language with an audiovisual approach. Literary readers are studied.

Prerequisite: GERM 002

**Credits:** 3

**Prerequisites:**

GERM 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **GERM 004: German IV**

Develops the students' ability to read the most recent German prose. Composition and speaking are emphasized. Prerequisite: GERM 003

**Credits:** 3

**Prerequisites:**

GERM 003 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **GERM 005: German for Music Students**

Emphasis on pronunciation of German. Intensive study of German "Lieder" texts and the 19th-century tradition from which they come.

**Credits:** 3

### **GERM 010: Scientific German**

Reading course for science majors and for those pursuing the professional courses in medicine and dentistry.

**Credits:** 3

**Prerequisites:**

GERM 003 or equivalent.

**GERM 011: Business German**

Focuses on the German market economy, the structure of German corporations, banking system, in addition to promoting the mastery of German business terminology.

**Credits:** 3

**GERM 012: Intensive German I**

Intensive. Video-format approach to learning German based on the Dartmouth Intensive Language Model. No prerequisite.

**Credits:** 6

**GERM 013: Intensive German II**

Continuation of GERM 012.

**Credits:** 6

**Prerequisites:**

GERM 012.

**GERM 014: Introduction to Humanities I,**

is the first part of a two-semester core course for freshmen designed to enhance their understanding of great and enduring themes of humanistic inquiry. Students read literary and philosophical works of major historical significance and value from a contemporary viewpoint. Students explore themes such as cultural collision and resolution, concentrating on various aspects of the epic tradition.

**Credits:** 3

**GERM 015: Intro to Humanities II**

Explores the relationship of the self to the other, with all its attendant considerations, and concentrate on generic distinctions between comedy and tragedy in drama, autobiography, and fiction. Prerequisite is Humanities I.

**Credits:** 3

**GERM 040: Grammar Review**

Focuses on a thorough review of major elements of French structures and linguistic.

**Credits:** 3

**Prerequisites:**

GERM 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 050: Oral Proficiency I**

Fosters fluency, pronunciation and listening comprehension within a specific context of the target language.

Prerequisite: GERM 040

**Credits:** 3

**GERM 051: Oral Proficiency II**

Strengthens fluency, pronunciation and listening comprehension within a specific context of the target language. Prerequisites: GERM 050 or instructor's permission.

**Credits:** 3

**GERM 052: Written Proficiency I**

Focuses fluency, pronunciation and listening comprehension within a specific context of the target language

**Credits:** 3

**GERM 065: Simultaneous Interp**

Introduces students to the basic techniques of escort, consecutive, and particularly simultaneous interpretation. Prerequisites: GERM 040 and GERM 050

**Credits:** 3

**Prerequisites:**

3 semesters of a foreign language or the equivalent. GERM 004 or equivalent.

**GERM 066: Simultaneous Interp. II**

Mastering more advanced techniques of simultaneous and consecutive interpretation. Prerequisite: GERM 065

**Credits:** 3

**Prerequisites:**

Simultaneous Interpretation I or the equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 080: Intro to German Literature**

Exposes students to the history of German culture & civilization and its evolution to the contemporary time

**Credits:** 3

**GERM 084, 085: Directed Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**GERM 088, 089: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**GERM 092, 093: Senior Departmental Honors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**GERM 098: Senior Honors**

Focuses on higher-level course that covers advanced material pertaining to world events.

**Credits:** 3

**GERM 100: Individual & Society**

Focuses around the success or failure of the individual coming to terms with society, as presented by selected German writers. Divisional Studies A. Open to all students. No knowledge of German required. No prerequisite

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 101: Literature of Love**

Explores the concept of love in the Western world. It begins with a representative work from the Age of Courtly Love and ends with a contemporary work about a child who is denied love, *The Bluest Eye*. Divisional Studies A. Open to all students. No knowledge of German required.

**Credits:** 3

**GERM 107: Women in Literature**

An introduction to the role of women in the humanities. Investigates women as writers and their contributions to the disciplines of philosophy. German, Russian, classics, English and the Romance languages. Because of the interdisciplinary nature of the course, it will be team-taught by faculty from the departments in the Humanities Division. (See also CLAS 107; ENGL 107; FREN 107; and HUM 108).

**Credits:** 3

**GERM 109: Northern Myths and Legends**

A survey of the great myths, epics and romances in Icelandic, Welsh, German, French and English medieval literature. Divisional Studies A. Open to all students. No knowledge of German required.

**Credits:** 3

**GERM 110: Contemporary German Film**

Analysis of contemporary film and documentaries, social media productions, music video, recorded panels to understand their significance and relate to black artists in contemporary Germany society. No prerequisites.

Course taught in English. No prerequisite

**Credits:** 3

**GERM 111: Classic Films in English**

Exposes students wto 14 classic German and Soviet films, the historical eras they depict, and their importance to the history of film-making. Divisional Studies A. Open to all students. No knowledge of German required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 112: Scandinavian Films and Dramas**

A multi- media course surveying the dramas of Ibsen and Strindberg and the films of Igmar Bergman. No prerequisites. Open to all students.

**Credits:** 3

**GERM 114: The Film and the Novel**

Discussion of a select number of novels (or novellas) in comparison with their film versions, emphasizing the virtues and the limitations of each art form. No prerequisites. Open to all students.

**Credits:** 3

**GERM 115: Marxism and Literature**

An introduction to Marxist interpretations of literature, and the arts in general from Marx and Engels to the present. No prerequisites. Open to all students.

**Credits:** 3

**GERM 116: Freud, Jung and Literature,**

Explores the trends in 20th-century criticism to interpret literature from a psychoanalytical point of view. No prerequisites. Open to all students.

**Credits:** 3

**GERM 117: Folklore and Fairytale**

An exploration of the rich German tradition of folklore and fairytales. No prerequisites. Open to all students.

**Credits:** 3

**GERM 118: Holocaust in Film & Lit**

Examines the attempts of writers and filmmakers to reflect on the horrors of the Nazi holocaust. No prerequisites. Open to all students.

**Credits:** 3

**GERM 119: The Third Reich Through Films**

Explores a wide variety of classical films about the Third Reich. The films selected will offer different points of focus. No prerequisites. Open to all students.

**Credits:** 3

**GERM 120: Exile Literature**

Analyzes the works of German authors in exile. Emphasis will be placed on the German writers in the United States and Brazil. Reading knowledge of German required.

**Credits:** 3

**GERM 121: Contrasts in German and American Cultures**

Explores the links between German and American cultures, emphasizing how the German past has shaped American educational, political and artistic institutions. No prerequisites. Open to all students.

**Credits:** 3

**GERM 125: Oral Proficiency I**

Strengthens fluency, pronunciation and listening comprehension within a specific context of the target language. Strengthens the students' oral command of the German language.

**Credits:** 3

**Prerequisites:**

GERM 003.

**GERM 126: Oral Proficiency II**

**Credits:** 3

**Prerequisites:**

GERM 125.

**GERM 127: Written Proficiency I**

Focuses on practical exercises in the writing of German expository prose. Students will improve their written proficiency in the target language.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 128: Written Proficiency II**

Continuation of GERM 127.

**Credits:** 3

**Prerequisites:**

GERM 127.

**GERM 130: Introduction to Literary Studies**

Guides students through the secondary works (literary histories, periodicals and bibliographies), methodological approaches of the basic schools of literary critics and literary genres. For majors and minors.

**Credits:** 3

**Prerequisites:**

GERM 004.

**GERM 131: Survey of German Language**

Diachronic and synchronic survey of the German language from Gothic to New High German.

**Credits:** 3

**Prerequisites:**

GERM 127.

**GERM 140: Introduction to German Literature**

Designed to acquaint the student with the major authors and literary movements from the 18th century to the present.

**Credits:** 3

**Prerequisites:**

GERM 004.

**GERM 145: German Culture**

Survey of German culture from Martin Luther to 1815. Divisional Studies B. Open to all students.

**Credits:** 3

**GERM 146: German Culture**

Survey of German culture from 1815 to 1945. Divisional Studies B. Open to all students.

**Credits:** 3

**GERM 147: Contemporary Germany**

Deals with the historical, economic, political, educational and artistic factors which bind as well as divide the former Federal Republic of Germany and the former German Democratic Republic. No prerequisites. Open to all students.

**Credits:** 3

**GERM 151: German Literature of the Enlightenment and Sturm und Drang**

Survey of major German writers and thinkers of the 18th century.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 152: German Literature of Classicism and Romanticism**

Survey of German literature of the late 18th and early 19th centuries.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 153: German Literature From Biedermeier to Realism**

Survey of the major writers and literary movements of the period 1820-1890.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 154: German Literature From Naturalism to Expressionism**

Survey of the movements of Naturalism, Symbolism and New Romanticism, tracing the development to the emergence of Expressionism and its continuation.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 155: German Literature After 1945**

Comprehensive survey of German literature from 1945 to the present.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 160: German Drama**

A survey of the theory and practice of works written for the German stage from Lessing to the present.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 161: German Novel**

The study of the structure of the novel from the Baroque to the present, as exemplified in representative works.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 162: German Lyric Poetry**

Traces the changes of the poetic idiom of German poetry from Klopstock to the present. The change in the basic assumptions about nature and the role of poetry is discussed as exemplified by representative texts.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 163: The German Novella**

The theory and development of this short narrative form from the age of Goethe to the 20th century.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 170: Goethe**

Survey of the major works of Goethe.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 171: Schiller**

Survey of the major works of Schiller.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 172: Heinrich Kleist**

Survey of the major works of Kleist.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 173: Heinrich Heine,**

An examination of Heine's work as a poet, an essayist, and a polemicist.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 174: Fontane**

Survey of the major works of Fontane.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 175: Rilke**

A general introduction to Rilke's poetry and prose with special emphasis on his early plays and his development from Buch der Bilder to Die Sonette an Orpheus

**Credits:** 3

**Prerequisites:**

GERM 140.



**GERM 176: Kafka**

A survey of the major works of Kafka.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 177: Brecht**

In-depth analysis of the works of this major dramatist and poet of the 20th century.

**Credits:** 3

**Prerequisites:**

GERM 140.

**GERM 178: German Folklore,**

In-depth analysis of the rich heritage of German folklore. Prerequisite GERM 140.

**Credits:** 3

**GERM 179: Proseminar: Negritude and Germany**

Focuses on the reception of AFRO American, African and Caribbean authors in Germany, as well as the German influence on some of their works. Reading knowledge of German and French required.

**Credits:** 3

**GERM 190: Independent Studies**

Trains the student in research on a specific topic or project. Students advance their knowledge in an area of their interest. Prerequisite: Instructor's permission

**Credits:** 3

**GERM 700: Individual & Society: Writing**

Expose students to the cultural and theoretical entanglements between Germany and the Black Diaspora. Focusing on Black thought, voice, and writing, we will explore the impact of Black individuals from the diaspora in German-speaking lands and society. Prerequisite: Requires lower level writing courses.

**Credits:** 3

## HACR - Haitian Creole

**HACR 001: Haitian Creole I**

Introduces students to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course. No prerequisites.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**HACR 002: Haitian Creole II**

Reinforces the range of skills practiced in Haitian 001, while focusing on expanding the student's vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Haitian 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: Haitian 001

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**HACR 003: Haitian Creole III**

Enhances speaking, listening, reading, and writing in Haitian Creole. Cultural activities are included to allow students to appreciate cultural nuances in the target language. Prerequisite: Haitian Creole II or placement by instructor.

**Credits:** 3

**Prerequisites:**

HACR 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**HACR 004: Haitian Creole IV**

Focuses on more advanced reading and writing skills at the second level of intermediate Haitian. Prerequisite: Haitian 003

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**HACR 190: Independent Study I**

Designed to provide independent study/research under the guidance of a faculty advisor or the equivalent.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**HACR 191: Independent Study II**

Advanced independent study/research under the guidance of a faculty advisor or the equivalent.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

## JAPN - Japanese

### COURSE DESCRIPTIONS

**JAPN 001: Japanese I**

Develops the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course. No prerequisite.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**JAPN 002: Japanese II**

Reinforces the range of skills practiced in Japanese 001, while focusing on expanding the student's vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Japanese 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: JAPN 001

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**JAPN 003: Japanese III**

Enhances speaking, listening, reading, and writing in Japanese. Cultural activities are included to allow students to appreciate cultural nuances in the target language. Prerequisite: JAPN 002

**Credits:** 3

**Prerequisites:**

JAPN 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**JAPN 004: Japanese IV**

Sharpens the skills of speaking the Japanese language with an audiovisual approach. Literary texts are studied. Allows students to communicate information on a variety of topics, familiar and unfamiliar, with confidence and ease. Prerequisite: JAPN 003

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**JAPN 040: Grammar Review**

Solidifies major elements of Japanese grammar to increase students' skills in the language. As a core course in the minor sequence of Japanese, it provides students with sufficient control of basic grammatical elements of the language to increase accuracy in their functionality. Prerequisite: JAPN 004

**Credits:** 3

**Prerequisites:**

JAPN 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**JAPN 050: Oral Expression I**

Develops speaking and listening skills through a variety of instructional strategies. Enables students to increase fluency in speaking about a variety of topics. Prerequisite: JAPN 004

**Credits:** 3

**Prerequisites:**

JAPN 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**JAPN 052: Reading Writing Workshop**

Develops specific skills of reading and writing in Japanese. Students continue to learn how to read and write using the Japanese script. Prerequisite: JAPN 040

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**JAPN 077: Advance Grammar & Comp.**

Focuses on slightly complex and particulars of the target language. Strengthens writing basics for outstanding composition

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**JAPN 190: Independent Study I**

Provides continued guidance to the student in research on a specific topic or project. Enables students to continue to investigate a specific topic of their interest and analyse it. Students are guided by a faculty mentor. Prerequisite: Instructor permission.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

### **JAPN 191: Independent Study II**

Provides guidance to students working on independent research projects under the guidance of a faculty advisor or the equivalent. Prerequisites: Instructor's approval

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

## **KORE - Korean**

### **KORE 001: Korean I**

Introduces students to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course. No prerequisites.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **KORE 002: Korean II**

Reinforces the range of skills practiced in Korean 001, while focusing on expanding the students vocabulary and fluency. Expands speaking, listening, reading and writing. Prerequisite: Korean 001

**Credits:** 3

### **KORE 003: Korean III**

Enhances speaking, listening, reading, and writing in Korean. Cultural activities are included to allow students to appreciate cultural nuances in the target language. Prerequisite: Korean II or placement by instructor.

**Credits:** 3

**Prerequisites:**

KORE 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **KORE 004: Korean IV**

Strengthens the Korean language communication skills with an audiovisual approach. Literary texts are studied. Allows students to communicate information on a variety of topics, familiar and unfamiliar, with confidence and ease. Prerequisite: KORE 003

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **KORE 050: Oral Expression I**

Strengthens fluency, pronunciation and listening comprehension within a specific context of the target language. Prerequisite: Korean 040 or Instructor's approval.

**Credits:** 3

### **KORE 100: Korean Culture**

Introduces students to major aspects of the Korean culture including pop culture. No prerequisites.

**Credits:** 3

## **PORT - Portuguese**

### **PORT 001: Portuguese I**

Provides an introduction to the basic language skills (speaking, listening, reading, and writing), with emphasis on the communicative approach. Prerequisite: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 002: Portuguese II**

Reinforces the range of skills practiced in Portuguese 001, while focusing on expanding the students vocabulary and fluency. Expands speaking, listening, reading and writing. Prerequisite: PORT 001

**Credits:** 3

**Prerequisites:**

PORT 001 or the equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 003: Portuguese III**

Expands the development of communicative skills with reading and oral discussion. Also includes an introduction to Luso-Brazilian culture and introduces selections by AFRO Brazilian writers. Prerequisite: PORT 002

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 004: Portuguese IV**

Focuses on reading of selections by AFRO Brazilian writers, with intensive readings on topics of Luso-Brazilian culture and expansion of vocabulary useful for conversation and composition. Prerequisite: PORT 003

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 040: Intensive Grammar Review**

Focuses on a thorough review of major elements of Portuguese language structures. Prerequisites: PORT 004

**Credits:** 3

**Prerequisites:**

PORT 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 050: Oral Expression I**

Develops speaking and listening skills through a variety of instructional strategies. Students are able to communicate in the target language with ease on a variety of topics. Prerequisite: PORT 040

**Credits:** 3

**Prerequisites:**

PORT 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 077: Advanced Grammar & Comp**

Focuses on the more nuanced rules of language. Covers clauses, phrases and sentence structures.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 190: Independent Study I**

Provides independent study/research under the guidance of a faculty advisor or the equivalent. Prerequisite: Instructor's permission

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**PORT 191: Independent Study II**

Prepares students to conduct independent study/research under the guidance of a faculty advisor or the equivalent. Prerequisite: Instructor's permission.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**PORT 700: Afro Brazilian Film WRTG**

Introduces students to the political issues, history and cultural traditions of Afro-Brazilians using contemporary film. course focuses on marginal voices, counter-narratives and urban spaces. Prerequisite: This is the third writing course and requires prior writing courses.

**Credits:** 3

**Prerequisites:**

yes

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 701: Urban Lit. in Brazil WRTG -OL**

Explores the evolution of Brazil cultural structures and illustrate its influence on contemporary global political processes. Divisional Studies B. Open to all students.

**Credits:** 3

**PORT 702: Afro-Brazilian Wrtg**

Explores the works of African Brazilians contemporary writers and their relevance in the Brazilian Literary canon.

**Credits:** 3

**PORT 703: Brazilian Hip Hop**

Explores hip hop music as a national genre in Brazil, from its earliest days in African-Brazilian communities (Sao Paulo and Rio de Janeiro). Prerequisite: None

**Credits:** 3

## RUSS - Russian

### COURSE DESCRIPTIONS

**RUSS 001: Russian I**

Provides an introduction to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course. No prerequisite.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 002: Russian II**

Reinforces the range of skills practiced in Russian 001, while focusing on expanding the student's vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Russian 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: Russian 1 or placement by instructor.

**Credits:** 3

**Prerequisites:**

RUSS 001 or its equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 003: Russian III**

Enhances speaking, listening, reading, and writing in Russian. Cultural activities are included to allow students to appreciate cultural nuances in the target language. Prerequisite: Russian II or placement by instructor.

**Credits:** 3

**Prerequisites:**

RUSS 002 or its equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 004: Russian IV**

Focuses on the reading of and interpreting written material related to everyday surroundings. Prerequisite: Russian III or placement by instructor.

**Credits:** 3

**Prerequisites:**

RUSS 003 or its equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 005: Intensive Russian I**

First part of a concentrated two-semester course that allows the student to complete the language requirement in one year.

**Credits:** 6

**RUSS 006: Intensive Russian II**

Continuation of RUSS 005.

**Credits:** 6

**Prerequisites:**

RUSS 005.

**RUSS 010: Business Russian**

Advanced course that familiarizes the student with the basic concepts and terminology used in commercial transactions in Russian.

**Credits:** 3

**Prerequisites:**

One year of Russian.

**RUSS 014: Intro to Humanities**

Focuses on the foundation texts in the humanities from Russian literature to distinguish and interpret differences in genres. In English translation. No prerequisites. Divisional Studies A

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 015: Intro to Humanities II**

Provides foundation in the humanities from Russian comedic and tragic tradition to distinguish and interpret differences in genres. In English translation. Humanities Divisional A

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #5: Social Responsibility and Knowledge of Political Institutions

**RUSS 020: Simultaneous Interpretation I,**

Introduces students to the basic techniques of escort, consecutive, and particularly simultaneous interpretation.

**Credits:** 3

**Prerequisites:**

3 semesters of a foreign language or the equivalent.

**RUSS 021: Simultaneous Interpretation II,**

Focuses on more advanced techniques of simultaneous and consecutive interpretation.

**Credits:** 3

**Prerequisites:**

Simultaneous Interpretation I or the equivalent.

**RUSS 084: Directed Readings for Sophs**

Analyzes advanced texts from Russian integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester. A Honors course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 084, 085: Directed Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. A Honors course.

**Credits:** 1

**RUSS 085: Directed Readings for Sophs**

Analyzes advanced texts from Russian integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester. An Honors course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 088: Directed Readings for Jrs**

Analyzes advanced texts from Russian integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester. A Honors course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 088, 089: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. A Honors course.

**Credits:** 1

**RUSS 089: Directed Readings for Jrs**

Analyzes advanced texts from Russian integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester. An Honors course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning



**RUSS 092, 093: Senior Departmental Honors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. A Honors course.

**Credits:** 3

**RUSS 100: Russian Great Short Stories**

Analyzes and interprets a variety of texts from across Russian, East European, and Eurasian literary history. In English translation. Humanities Divisional A. Prerequisite: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**RUSS 101: Literature of Revolution**

Analyzes literary manifestations of revolutionary social and political theories and ideologies in Russian. Allows students to have a better understanding of the Russian society during important socio-historical moments. Open to all students, and no knowledge of Russian is required. Divisional Studies A.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**RUSS 103: Love & Hate in Russia**

Examination of categorization and manifestations of love and hate across literary and cultural artifacts of Russian, Eastern Europe, and Eurasia. No knowledge of Russian is required. Divisional Studies A.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**RUSS 107: Women in Literature**

Analyzes the evolution of women with Russian, East European, and Eurasian culture. Compare the difference in cultural manifestations of gender among multiple cultural and ethnic groups.

**Credits:** 3

**RUSS 109: Slavic Mythology**

Presents Slavic myths from ancient through historical times.

**Credits:** 3

**RUSS 111: Classic Films in Eng (Honors)**

Examines and assesses cinematographic theories, achievements, and innovations from Russian, East European, and Eurasian traditions. In English translation. Humanities Divisional A. Prerequisite: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**RUSS 117: Russian Science Fiction in Translation**

Study of the major trends of science fiction in the works of modern Russian authors. No knowledge of Russian is required.

**Credits:** 3

**RUSS 125: Russian Composition**

Analyzes topics pertaining to Russian society through active discussions in target language, through reading and writing. Prerequisite: Russian 004 or Instructor's permission.

**Credits:** 3

**Prerequisites:**

RUSS 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 126: Adv Russian II**

Focuses on reading and writing texts. Enables students to read and write at the intermediate level, interpret written and spoken materials related to their surroundings and basic social and cultural topics. Prerequisite: Russian 125 or placement by instructor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 127: Composition & Conversation I**

Strengthens advanced discourse related to everyday living, social structures, and history. Articulate cultural knowledge utilizing written, spoken, and visual forms. Continuation of RUSS 125 and RUSS 126 for majors and minors in Russian. Prerequisite: RUSS 125 and 126, or instructor placement.

**Credits:** 3

**Prerequisites:**

yes

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 140: Old Russian and Eighteenth-Century Literature**

Survey of the history of the Russian language and the first major literary efforts through the 18th century.

**Credits:** 3

**RUSS 141: Russian Romanticism: Pushkin to Gumilev**

Study of 19th-century Russian authors whose works mark a departure from the formalism of French classicism to the free-spirited emotionalism of German and English romanticism.

**Credits:** 3

**RUSS 145: Cultural Life of Russia**

Explores varying trends in Russian, East European, and Eurasian cultural production, and illustrate its continuing influence on contemporary society. Divisional Studies B. Open to all students. No knowledge of Russian required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**RUSS 146: Politics of Culture**

Explores the evolution of Russian cultural structures and illustrates its influence on contemporary global political processes. Divisional Studies B. Open to all students. No knowledge of Russian required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**RUSS 150: Three Rs:Rev-Rebell-Resign**

Trains how to compare the interaction among literary, political, and cultural revolutionary movements, and their manifestatoinas as continuing historical revolutionary traditions. No prerequisite. In English translation. Divisional Studies B. Open to all students.

**Credits:** 3

**RUSS 170 through 032-173: Seminars**

Special literary and cultural topics are selected for in-depth discussion each seminar.

**Credits:** 3

**RUSS 174: Dissident Voices in Russian Art and Literature**

Studies the works of writers and artists banned by the Soviet government.

**Credits:** 3

**RUSS 188: History of the Russian Language**

Readings and discussion of development and structure of the Russian language in context with other Slavic languages.

**Credits:** 3

**RUSS 189: Literature of the Seventeenth Century**

Readings in Russian in the beginnings of modern Russian literature; theories of poetics and poetic language; development of genres (satire, tragedy, odes); and beginning of investigative journalism in Russian literature.

**Credits:** 3

**RUSS 190: Independent Study in Russian**

Provides guidance to the student in research on a specific topic or project. Enables students to propose and develop a topic of their interest and analyse it. Students are guided by a faculty mentor. Prerequisite: Instructor permission.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**RUSS 191: Old Church Slavonic**

Study and analysis of ancient Slavic texts.

**Credits:** 3

**RUSS 192: Russian Realism**

Examines Russian literature, including Gogol, Turgenev, Dostoevsky, Tolstoy, and Chekhov.

**Credits:** 3

**RUSS 193: Soviet Poetry**

Consists of reading and discussion of poetry written since the Russian Revolution.

**Credits:** 3

### **RUSS 198: Structure of Russian**

Synchronic linguistic analysis of the Russian language.

**Credits:** 3

## SPAN - Spanish

### **COURSE DESCRIPTIONS**

#### **SPAN 001: Spanish I**

Introduces the four language skills (speaking, listening, reading, and writing), with emphasis on proficiency. Includes an introduction to Hispanic cultures. Prerequisite: None.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

#### **SPAN 002: Spanish II**

Solidifies the development of the four language skills (speaking, listening, reading, writing). Includes study of different aspects of Hispanic cultures. Prerequisite 001 or LPE exemption.

**Credits:** 3

**Prerequisites:**

SPAN 001 or the equivalent.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

#### **SPAN 003: Spanish III**

Strengthens the development of the four language skills (speaking, listening, reading, writing). Includes study of different aspects of Hispanic cultures. Prerequisite: SPAN 002 or LPE exemption.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

#### **SPAN 004: Spanish IV**

Solidifies the development of the four language skills (speaking, listening, reading, writing). Uncludes study of different aspects Hispanic cultures. Prerequisite: SPAN 003 or LPE exemption.

**Credits:** 3

**Prerequisites:**

SPAN 003 or the equivalent.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 012: Intensive Beginning Span I & II**

Introduces the four language skills (speaking, listening, reading, writing), combining the first two levels of beginning Spanish. Prerequisite: None.

**Credits:** 6

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 013: Intensive Intermediate Span III & IV**

Strengthens the development of the four language skills (speaking, listening, reading, writing), combining the first and second levels of intermediate Spanish. Prerequisite: SPAN 002 or LPE exemption.

**Credits:** 6

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 014: Introduction to Humanities**

Enhances understanding of great and enduring themes of humanistic inquiry. Explores literary and other cultural Hispanic works of major historical significance. It is taught in English. Prerequisite: None.

**Credits:** 3

**SPAN 015: Intro to Humanities II**

Explores the relationship of the self to the other, with all its attendant considerations, and concentrates on generic distinctions between comedy and tragedy in drama, autobiography, and fiction.

**Credits:** 3

**Prerequisites:**

SPAN 014.

**SPAN 040: Grammar Structures**

Expands and strengthens the practice of the four language skills (speaking, listening, reading, writing) with emphasis on the major elements of Spanish syntax and grammar. Prerequisite: SPAN 004 or LPE exemption.

**Credits:** 3

**Prerequisites:**

SPAN 004.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 050: Oral Communication I**

Expands and strengthens speaking and listening comprehension skills in Spanish. Prerequisite: 004 or LPE exemption.

**Credits:** 3

**Prerequisites:**

SPAN 004.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 051: Oral Communication II**

Develops further the speaking and listening comprehension skills, with an emphasis on oral spontaneous production. Prerequisite: SPAN 040 and SPAN 050.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 052: Reading & Writing**

Strengthens reading comprehension and writing skills in Spanish using written and other discourses on a variety of cultural and social issues. Prerequisites: 040 and 050.

**Credits:** 3

**Prerequisites:**

SPAN 004.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills

**SPAN 055: Advanced Oral Expression I**

An advanced level course to develop aural/oral fluency in Spanish.

**Credits:** 3

**Prerequisites:**

SPAN 051 or its equivalent.

**SPAN 060: Analysis of Afro-Hispanic Literature**

Engages students critically with representative texts (narrative, poetry, performance, visual culture) concerning Afro-Hispanic experiences and perspectives. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites:**

SPAN 052.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 064: Spanish for the Media**

Examine issues of interest to the general public as presented and discussed in the different modes of media. Prerequisites: SPAN 040 and SPAN 050.

**Credits:** 3

**Prerequisites:**

SPAN 040 or equivalent.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**SPAN 065: Simultaneous Interp**

Introduces basic techniques of escort, consecutive, and particularly simultaneous interpretation. Prerequisites: SPAN 040 and SPAN 050.

**Credits:** 3

**Prerequisites:**

3 semesters of a foreign language or the equivalent.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **SPAN 066: Simultaneous Interpretation II**

Focuses on more advanced techniques of simultaneous and consecutive interpretation. Prerequisites: SPAN 040 and SPAN 050.

**Credits:** 3

**Prerequisites:**

Simultaneous Interpretation I or the equivalent.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **SPAN 075: Contemp. Afro-Cuban Expression**

Explores cinematic, artistic, and literary representation of Afro-Cubania (defined as Afro-Cuban identity and cultural consciousness) by Afro-cuban writers, filmmakers, and visual artists since the 1960s. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **SPAN 077: Advanced Composition**

Solidifies students skills in advanced prose writing stressing proper use of syntactic structures and stylistic devices. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites:**

SPAN 040.

### **SPAN 078: Business Spanish**

Prepares students to engage with the business world in Spanish. Prerequisites: SPAN 040 and SPAN 050.

**Credits:** 3

**Prerequisites:**

SPAN 077.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

### **SPAN 079: Spain and Hispanic America through Film**

Examine social, political, historical, and cultural issues in the Spanish-speaking world as viewed in films produced in different countries. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **SPAN 080: Divers.and Unifica. in Spain**

Examination of social, political, religious, and other topics in Spain from Prehistory to 1700. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites:**

SPAN 060.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SPAN o81: Contemporary Spain**

Examines social, political, cultural, and other topics in Spain from 1700 to the present. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites:**

SPAN 080.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SPAN o83: Formation of Latin America**

Examines social, political, cultural, and other topics in Hispanic America from 1492 to 1900 such as colonialism, indigenous writers, mestizaje and African and Afro-descendant life experiences. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites:**

SPAN 060.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SPAN o84: Cont Hispanic America**

Exposes students to the independence, modernization, and globalization in Hispanic America from 1900 to the present. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SPAN o85: Afrolatinidad Experiences. Cultures, Race, and Nations**

Compares the Afro-Latinx and Afro-Latina/o experiences with those of African and African descendants in Hispanic Africa, Europe, and the U.S. Examines the politics of race in the construction of identities and nations. Shows also how the quest for social justice by Hispanic Africans and Afro-Latinx, Afro-Latina/o is sought throughout history, art, film, literature, music, religion, thought, etc. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites:**

SPAN 060.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**SPAN o86: Migrations and Identities**

Explores how cultural productions and films emerge in socio-historical and ideological contexts and can echo the discourses on politics of migrations and identities. Examines questions of human rights, citizenship and discrimination regarding Africans and African descendants in Africa, Hispanic America, Europe, and the U.S. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions



**SPAN 089: Hispanic Peoples & Cultures**

Exposes student to artistic, literary, and other cultural contributions of African descendants and other groups in the Spanish-speaking world. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites:**

SPAN 060.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #5: Social Responsibility and Knowledge of Political Institutions

**SPAN 093: Readings for Sophomores**

Examination of a topic related to the Hispanic world under the supervision of a faculty member. Prerequisite: SPAN 040, SPAN 050, SPAN 052.

**Credits:** 1

**SPAN 093, 094: Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**SPAN 094: Readings for Sophomores**

Analysis of a topic related to the Hispanic world in conjunction with a faculty supervisor. Prerequisite: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 1

**SPAN 095: Readings for Juniors**

Examination of a topic related to the Hispanic world under the supervision of a faculty member. Prerequisite: SPAN 093 or SPAN 094.

**Credits:** 1

**SPAN 095, 096: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**SPAN 096: Readings for Juniors**

Focuses on a topic related to the Hispanic world under the supervision of a faculty member. Prerequisite: SPAN 093 or SPAN 094.

**Credits:** 1

**SPAN 098: Senior Honors Thesis**

Prepares the conceptualization, development, and writing of a thesis or capstone project under the supervision of a faculty member. Prerequisites: SPAN 040, SPAN 050, SPAN 052 and other Spanish major/minor courses.

**Credits:** 3

**SPAN 098, 099: Seniors Honors Thesis**

Support of the conceptualization, development, and writing of a thesis or capstone project by a faculty member.

**Credits:** 3

**SPAN 099: Senior Honors Thesis**

Supports the conceptualization, development, and writing of a thesis or capstone project under the supervision of a faculty member. Prerequisite: SPAN 040, SPAN 050, SPAN 052, and other Spanish major/minor courses.

**Credits:** 3

**SPAN 100: Hispanic Lit in English**

Examines selected readings, in translation, of masterpieces of Spanish and Spanish-American literature.

**Credits:** 3

**SPAN 101: Afro-Hispanic Literature in English**

Prepares students to translate literature from medieval to contemporary periods by and about people of African descent in Spain and Hispanic America. Taught in English. Prerequisite: None.

**Credits:** 3

**SPAN 107: Women in Literature**

An introduction to the role of women in the humanities, the course will investigate women as authors and subjects in philosophy, German, Russian, classics, English, and the romance languages. According with its interdisciplinary character, the faculty will come from all these departments.

**Credits:** 3

**SPAN 110: Medieval Literature**

An approach to Spanish literature from 1100 to 1500, with detailed study of the Cantar de mio Cid, Milagros de Nuestra Senora, El conde Lucanor, and the Libro de buen amor.

**Credits:** 3

**SPAN 120: Drama and Poetry of the Golden Age**

Study of the evolution of Spanish verse and theater during the sixteenth and seventeenth centuries.

**Credits:** 3

**SPAN 121: Prose of the Golden Age**

Comprehensive study of the mystic, didactic, fictional, historical, and satirical prose of the sixteenth and seventeenth centuries, with emphasis on Cervantes and the picaresque novel.

**Credits:** 3

**SPAN 130: Eighteenth and Nineteenth Century Literature**

Presentation of the major authors in Spanish literature of the 18th and 19th centuries.

**Credits:** 3

**SPAN 141: Twentieth Century Literature**

An approach to the prose, drama, and poetry of 20th century Spain.

**Credits:** 3

**SPAN 150: Literature of Spanish America I**

Study of selected authors and works representative of colonial and 19th century Spanish-American literature.

**Credits:** 3

**SPAN 151: Literature of Spanish America II**

Study of selected authors and works representative of Spanish American literature from the turn of the century to the present.

**Credits:** 3

**SPAN 160: AFRO Hispanic Literature and Civilization**

Survey of the role and image of black men and women in Spain and Spanish America as interpreted in literature.

**Credits:** 3

**SPAN 171: Spanish Linguistics**

Introduction to the phonological, morphosyntactic and semantic systems of Spanish.

**Credits:** 3

**SPAN 172: Spanish Phonology**

Treats the sound system and properties of the Spanish language. Prerequisite SPAN 171.

**Credits:** 3

**SPAN 177: Intro to Spanish-English Trans**

Introduces the student to the profession of translation and interpretation and will aim to develop his/her ability to prepare translation from Spanish into English, and to expand the student's vocabulary in both Spanish and English. Prerequisites: Instructor's permission.

**Credits:** 3

**SPAN 178: Advanced Spanish-English Translation**

Continuation of training students in translation and interpretation, developing their ability to prepare translation from Spanish into English and to expand the student's vocabulary in both Spanish and English.

**Credits:** 3

**SPAN 187: Methods of Teaching Foreign Languages**

Introduces methods, materials, and techniques in foreign language instruction. Taught in English. Prerequisite: None.

**Credits:** 3

**SPAN 190: Independent Study I**

Allows students to develop independent study/research on a Hispanic theme under the guidance of a faculty advisor. Prerequisites: SPAN 040, SPAN 050, and 052.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**SPAN 191: Independent Study II**

Prepares and guides students in research on a specific topic or project. Enables students to propose and develop a topic of their interest and analyse it. Students are guided by a faculty mentor. Prerequisite: Instructor permission.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**SPAN 194: Span & Latin Amer Thru Film**

Exploration of Spain, Spanish-speaking countries, and Brazil through film, from cultural, sociological and technical points of view. Prerequisite: Instructor's permission.

**Credits:** 3

## SWAH - Swahili

### COURSE DESCRIPTIONS

**SWAH 001: Swahili I**

Exposes students to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 002: Swahili II**

Reinforces the range of skills practiced in Swahili 001, while focusing on expanding the student's vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Swahili 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: Swahili 1 or placement by instructor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 003: Swahili III**

Enhances speaking, listening, reading, and writing in Swahili. Cultural activities are included to allow students to appreciate cultural nuances in the target language. Prerequisite: Swahili II or placement by instructor.

**Credits:** 3

**Prerequisites:**

SWAH 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 004: Swahili IV**

Expands the skills acquired in Swahili 003, with with formulation of more complex thoughts, usage of richer vocabulary and incorporation of cultural excursions.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 040: Intensive Grammar Review**

Focuses on a thorough review of major structure elements of Spanish grammar. Prerequisite: SPAN 040

**Credits:** 3

**Prerequisites:**

SWAH 004.

**SWAH 042: Swahili Fship**

Strengthens heritage learners speaking abilities with advanced language proficiency to increase their linguistic and cultural knowledge of the Swahili speaking world of East and Central Africa and the diaspora.

**Credits:** 5

**SWAH 050: Oral Expression I**

Strengthens and expands the speaking and listening skills through a variety of instructional strategies. Enables students to increase fluency in speaking about a variety of topics. Prerequisite: SWAH 004

**Credits:** 3

**Prerequisites:**

SWAH 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 051: Oral Expression II**

Develops and increases proficiency in formal and informal speaking skills in the target language

**Credits:** 3

**SWAH 052: Reading/Wrtg Wkshop**

Focuses on the development of specific skills of reading and writing in Spanish.

**Credits:** 3

**Prerequisites:**

SWAH 004.

**SWAH 077: Advanced Grammar & Comp**

Fosters understanding of advanced rules and techniques of the target language. Allows student to speak with eloquence on a variety of topics in the target language. Prerequisites: SWAH 040.

**Credits:** 3

**SWAH 100: Contemp. Swahili Lit in Transl**

Explores contemporary Swahili literature in translation. Allows students to build a better understanding of the Swahili society in a language they are familiar with. No prerequisites.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 190: Independent Study**

Prepares students to conduct independent study/research under the guidance of a faculty advisor or the equivalent. Prerequisite: Instructor's permission.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**SWAH 191: Independent Study**

Fosters abilities to conduct independent study/research on a Hispanic theme under the guidance of a faculty advisor. Prerequisites: Permission of instructor.

**Credits:** 3

**Prerequisites:**

Permission of Instructor.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## WOLO - Wolof

**WOLO 001: Wolof I**

Provides an introduction to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**WOLO 002: Wolof II**

Solidifies the skills acquired in Wolof 001, with focus on vocabulary expansion and fluency. Prerequisite: Wolof 001

**Credits:** 3

**WOLO 003: Wolof III**

Enhances speaking, listening, reading, and writing in Wolof. Cultural activities are included.

**Credits:** 3

**Prerequisites:**

WOLO 002 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**WOLO 004: Wolof IV**

Expands the skills acquired in WOLO 003, with with formulation of more complex thoughts, usage of richer vocabulary and incorporation of cultural excursions. Prerequisite: Wolof 003.

**Credits:** 3

**WOLO 040: Intensive Grammar Review**

Focuses on the review and practice of major structural elements of Wolof language.

**Credits:** 3

**WOLO 050: Oral Proficiency**

Focuses on speaking and listening skills through a variety of instructional strategies. Students are able to communicate in the target language with ease on a variety of topics. Prerequisite: WOLOF 040 or Instructor's permission.

**Credits:** 3

**WOLO 051: Oral Proficiency II**

Focuses on fluency, pronunciation and listening comprehension within a specific context of the target language

**Credits:** 3

**WOLO 190: Independent Study**

Fosters the abilities to conduct independent study/research on a Hispanic theme under the guidance of a faculty advisor. Prerequisites: Permission of instructor.

**Credits:** 3

## ANTH - Anthropology

**ANTH 010: Intro to Cultural Anthropology**

INVALID COURSE NUMBER; this is ANTH 110

**Credits:** 3

**ANTH 110: Intro to Cult Anthropology**

Provides a background for understanding human nature and an appreciation for cultural diversity. Focuses on the basic concepts of culture and surveys the science and practice of anthropology in relation to contemporary global issues.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**ANTH 120: Intro to Biological Anthro**

NO LONGER OFFERED

**Credits:** 3

**ANTH 130: Introduction to Archaeology**

Survey course designed to provide an evolutionary perspective on contemporary global cultural patterns showing how transformations, though occurring in the deep past, constitute profound forces in modern global society and in everyday life.

**Credits:** 3

**ANTH 140: Introduction to Linguistics**

NO LONGER OFFERED

**Credits:** 3

**ANTH 141: Language and Culture**

Focuses on the ethnographic study of language and the interrelationship between language and culture. Language variation is examined in the light of such features as social class, ethnicity, gender, standard and non-standard language, pidgins, and creoles.

**Credits:** 3

**ANTH 210: Magic Witchcraft & Healing**

Analyzes the relationships of magic, witchcraft, religion, and healing and their significance in understanding our own cultures as well as Third World societies and other parts of the world.

**Credits:** 3

**ANTH 211: Gender Roles and Relations**

Examination of cross-cultural gender roles. Also examines U.S. public policies and laws affecting women, men, and children.

**Credits:** 3

**ANTH 212: Education and Culture**

Application of anthropological concepts to the analysis of educational processes in different cultures and in the U.S.

**Credits:** 3

**ANTH 213: Cultural Roots of Environmental Crises**

Explores cultural dimensions of global environmental degradation to identify root causes and viable solutions. Comparison of tribal environmental perceptions and production and consumption patterns with our own; evaluates the roles of population and technology, world hunger and quality of life issues.

**Credits:** 3

**ANTH 214: Anthropology Theory**

NO LONGER OFFERED

**Credits:** 3

**ANTH 215: Medical Anthropology**

NO LONGER OFFERED

**Credits:** 3

**Prerequisites:**

Introduction to Biological Anthropology, or Introduction to Cultural Anthropology, or permission of instructor.

**ANTH 216: Economic Anthropology**

Comparison of modern economic theory with anthropological analysis of pre-capitalist, non-Western and Third World political economies. Discusses band, tribe, chiefdom, early state, peasant, market, and world economic systems and how these systems interact with social and religious systems at national and/or community levels.

**Credits:** 3

**ANTH 217: Aging in Cross-Cultural Perspective**

An examination of the ways different cultures regard the aged and the process of aging. Topics include attitudes toward aging, the treatment of the aged, and the social, economic, and political aspects of growing old among men and women in different cultures.

**Credits:** 3

**ANTH 218: Cultural Ecology**

Reviews the processes of human biocultural adaptation to the world's various biotopes: tropical, sub-tropical, temperate, island and arctic by means of foraging, agriculture, regional and world trade. Discussions will include environmental description and selective reciprocal relationships between key environmental elements.

**Credits:** 3

**ANTH 219: Ethnolinguistics**

Students will conduct ethnography of communication focusing on selected topics or events as they relate to speech communities applying participant-observation techniques, interviews, and other methods of field work.

**Credits:** 3

**ANTH 219: Ethnolinguistics**

Students will conduct ethnography of communication focusing on selected topics or events as they relate to speech communities applying participant-observation techniques, interviews, and other methods of field work.

**Credits:** 3

**ANTH 220: Biology & Culture**

NO LONGER OFFERED

**Credits:** 3

**ANTH 221: Human Osteology**

NO LONGER OFFERED

**Credits:** 3

**ANTH 221: Human Osteology**

Detailed study of the techniques used in the analysis of skeletal material focusing on identification of age, sex, growth, and repair, pathology, and measurement.

**Credits:** 3

**ANTH 222: Ethnography**

NO LONGER OFFERED

**Credits:** 3

**ANTH 222: Ethnography**

Exploration of the techniques used in recording or describing the culture, customs, beliefs, and values of specific peoples or of individual societies.

**Credits:** 3

**ANTH 230: Method & Theory in Archaeology**

NO LONGER OFFERED

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**ANTH 230: Method and Theory in Archaeology**

This course reviews the history, goals, and theoretical approaches used in modern archaeology; discusses field methods in survey and excavation, data recording, dating, material analyses, and the reconstruction of ancient lifeways.

**Credits:** 3

**ANTH 249: Urban Anthropology**

This course explores urbanism and the process of urbanization. The focus is on understanding the development and history of cities from prehistoric evidence to an investigation of the patterns and complexities of contemporary urban life. Various theoretical approaches and cross-cultural ethnographic studies help explain the lifeways of people in cities.

**Credits:** 3

**ANTH 250: Applied Anthropology**

NO LONGER OFFERED

**Credits:** 3

**Prerequisites:**

Introduction to Cultural Anthropology, Introduction to Biological Anthropology, or Introduction to Archaeology or by permission of instructor.



**ANTH 260: Independent Study**

Pre-approved in-depth study of a specific topic in field of interest. Student needs approval of instructor in order to register. Section 1: Cultural Anthropology Section 2: Biological Anthropology Section 3: Archaeology Section 4: Linguistics

**Credits:** 3-6

**ANTH 266: Independent Study Cult**

NO LONGER OFFERED

**Credits:** 3

**ANTH 268: Independent Study Cult**

NO LONGER OFFERED

**Credits:** 3

## CLAS - Classics

### COURSE DESCRIPTIONS

**CLAS 001: Elementary Latin I**

The fundamentals of the language and reading of simple prose, with supplementary reading on Roman civilization. Not open to students who have received admission credit in Latin.

**Credits:** 3

**CLAS 002: Elementary Latin II**

Continuation of 001, with increased emphasis on reading.

**Credits:** 3

**Prerequisites:**

CLAS 001.

**CLAS 003: Intermediate Latin III**

Review of the language and selected readings in prose and poetry.

**Credits:** 3

**Prerequisites:**

Two or three units of secondary Latin or CLAS 002.

**CLAS 004: Intermediate Latin IV**

Includes the reading of selections from major authors, usually in poetry.

**Credits:** 3

**Prerequisites:**

three or four units of secondary Latin or CLAS 003.

**CLAS 006: Hieroglyphs I**

Introduction to Middle Egyptian language and writing, including grammar and translation of inscriptions and narratives.

**Credits:** 3

**CLAS 007: Hieroglyphs II**

Continuation of CLAS 006, with increased emphasis on reading.

**Credits:** 3

**CLAS 010: Elementary Greek I**

Fundamentals of the language and the reading of simple Attic prose, with supplementary reading on Greek civilization.

**Credits:** 3

**CLAS 011: Elementary Greek II**

Continuation of CLAS 010, with increased emphasis on reading.

**Credits:** 3

**Prerequisites:**

CLAS 010.

**CLAS 012: Intermediate Greek III**

Review of the language and selected readings.

**Credits:** 3

**Prerequisites:**

two or three units of secondary Greek or CLAS 011.

**CLAS 013: Intermediate Greek IV**

Includes the reading of selections from major authors.

**Credits:** 3

**Prerequisites:**

Three or four units of secondary Greek or CLAS 012.

**CLAS 014: Honors Humanities I**

The first part of a two-semester core course for freshmen, designed to enhance their understanding of great and enduring themes of humanistic inquiry. Students read literary and philosophical works of major historical significance and value from a contemporary viewpoint. Students explore themes such as cultural collision and resolution, concentrating on various aspects of the epic tradition. Satisfies Divisional Studies A requirement.

**Credits:** 3

**CLAS 015: Humanities II**

The second part of a two-semester core course for freshmen. In this course students study the relationship of the self to the other, with all its attendant considerations, and concentrate on generic distinctions between comedy and tragedy in drama, autobiography, and fiction. Satisfies Divisional Studies A requirement.

**Credits:** 3

**CLAS 016: Ideas in Antiquity**

This course focuses on the study of various major themes in the study of the ancient world. Consistent with the interests of the instructor, the emphasis will fall on those literary, philosophical, historical, and political texts which are pertinent to an investigation of notions such as gender, the hero, freedom, religion, justice, and so on. Satisfies Divisional Studies A requirement.

**Credits:** 3

**CLAS 017: IS: New Test Greek I**

**Credits:** 3

**CLAS 018: IS: New Test Greek II**

**Credits:** 3

**CLAS 030: Vocabulary Building**

Systematic study of Greek and Latin elements of English words, the history of English words, and principles of word formation. Develops the student's ability to interpret unfamiliar words in context.

**Credits:** 3

**CLAS 032: Medical Terminology**

Systematic study of Greek and Latin elements found in medical terminology, together with the principles of word formation. This etymological aspect is placed within the broader context of the origins and evolution of ancient medicine. Recommended for students who anticipate careers in medicine.

**Credits:** 3

**CLAS 033: Legal Terminology**

Systematic study of Greek and Latin elements found in modern legal terminology, together with the principles of word formation. Develops the student's ability to recognize and interpret legal terms in context. Recommended for students who anticipate careers in law or government.

**Credits:** 3

**CLAS 050: IH: Ancient Egypt & Near East**

Cultural interactions among societies in the Eastern Mediterranean left lasting contributions to world civilization, from the introduction of cities and writing systems to the emergence of large-scale empires. The course focuses on literature & orality, on ideas & beliefs (particularly the Hebrew Bible), and on art & archaeology. Required for the Interdisciplinary Humanities: Ancient and Modern major; open to non-majors, Division A course.

**Credits:** 3

**CLAS 051: IH: Ancient Greece and Rome**

Covers topics in modern Greek and Roman language, culture, and history.

**Credits:** 3

**CLAS 055: Latin Readings**

**Credits:** 1

**CLAS 056: Latin Readings**

**Credits:** 1

**CLAS 079: General Lit Honors**

An intensive study and discussion of classical texts that have been chosen for their significance to the development of what has come to be called western culture. The main objective is to consider particular conceptions of what it means to be human and to consider the place of such conceptions in the development of critical thought. Participation is limited to students in the COAS Honors Program. Division A Course.

**Credits:** 3

**CLAS 081: Honors Humanities**

This course will cover the history of Israel from Biblical through Roman times as a context for the emergence of Christianity. Participation is limited to students in the COAS Honors Program. Division A Course.

**Credits:** 3

**CLAS 082: Honors Humanities Seminar**

An exploration of nature and origins of apocalyptic thinking, beginning with 2nd Temple Jewish and early Christian texts. The second half of the seminar focuses on modern expressions of apocalypticism in religion, politics, literature, film, and popular culture. Participation is limited to students in the COAS Honors Program. Division A Course.

**Credits:** 3

**CLAS 083: Honors Humanities Sem II**

**Credits:** 3

**CLAS 085: Directed Read for Sophs Hnrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**CLAS 089: Directed Read for Jrs Hnrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**CLAS 090: Honors Social Science Seminar**

Advanced study of topics in Greek and Latin literature, ancient history, ancient philosophy, classical civilization, and/or linguistics, arranged and carried out in cooperation with an instructor.

**Credits:** 3

**CLAS 091: Hnrs Social Science Seminar II**

**Credits:** 3

**CLAS 092: Senior Departmental Honors**

Open to students in the COAS Honors Program. A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**CLAS 093: Senior Dept. Honors**

Open to students in the COAS Honors Program. A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**CLAS 095: Special Studies**

**Credits:** 1

**CLAS 101: Greek Literature in English**

This course offers a cultural and intellectual history of Ancient Greece through readings of its surviving literature. Students examine some of the major works of Greek literature and the Greek contribution to epic and lyric poetry, tragic and comic drama, historiography, philosophy, and science. All works are read in English translation. Satisfies Divisional Studies A requirement.

**Credits:** 3

**CLAS 102: Roman Literature in English**

This course offers a cultural and intellectual history of Ancient Rome through readings of its surviving literature. Students examine some of the major works of Roman literature and the Roman contribution to epic and lyric poetry, tragic and comic drama, historiography, philosophy, and science. All works are read in English translation. Satisfies Divisional Studies A requirement.

**Credits:** 3

**CLAS 103: Classical Art**

An introduction to the art and archaeology of the ancient cultures of Greece and Italy. Students first study the development of the Greek art from the Bronze Age to the Hellenistic period. Students then study then examine the artistic, architectural, and engineering achievements of the ancient Romans, from foundation of Rome to the Christian period.

**Credits:** 3

**CLAS 104: Greek Civilization**

A survey of ancient Greek culture from the Bronze Age (ca. 2000 bce) to the time of Alexander the great (ca. 300's bce). The course examines the evolution of Greek society, art, literature, and material culture in the historical context of political and cultural developments.

**Credits:** 3

**CLAS 105: Roman Civilization**

An introduction to the history of Rome from the founding (Monarchy) through the period of the Republic and culminating in the establishment of the Empire. Focus on, among other topics, political, social, legal, religious developments mainly through the close reading of primary source materials.

**Credits:** 3

**CLAS 106: Leadership in the Ancient World**

A study of the problems of leadership and the theoretical solutions as understood by the ancient Greeks and Romans. Develops the students' ability to judge individual leaders, analyze the benefits and responsibilities of leadership, and become better leaders themselves.

**Credits:** 3

**CLAS 108: Greek Drama in English**

An introduction to the genre of Greek tragedy, taught in translation. The course examines the origins and performance context of tragedy, in addition to the particular styles and dramatic techniques of the three major tragedians Aeschylus, Sophocles, and Euripides.

**Credits:** 3

**CLAS 109: Classical Mythology**

A study of the origins and development of Greek and Roman mythology, heroic legend, and folktale. Myths are studied within the context of ancient culture, considering such issues as their relation to foreign material, as well as their ability to convey cultural ideals, power structures, class hierarchies, political ideologies, religious beliefs, etc.

**Credits:** 3

**CLAS 110: Blacks in Antiquity**

This course explores the importance of Africa in the Greco-Roman world, in particular Africa's economic, intellectual, political, and artistic contributions to the ancient world. The course also examines ancient attitudes toward race and considers famous Africans of antiquity.

**Credits:** 3

**CLAS 111: Satire and Comedy**

An introduction to the various forms of humor that existed in the ancient Mediterranean world, in particular Greek comedic performance and Roman satirical writing. Texts are studied in translation, as a way to examine ancient theories of humor, entertainment, and social commentary.

**Credits:** 3

**CLAS 112: Law & Pol in the Ancient World**

This course studies various topics related to law, politics, and rhetoric in the Ancient world. Satisfies Divisional Studies B requirement.

**Credits:** 3

**CLAS 113: Women in the Ancient World**

An examination of the cultural constructions of women and men and the ideologies of gender difference that determined the way men and women of ancient Greece and Rome thought about themselves and each other. The course considers the difference between ideology and "daily life" by juxtaposing what can be known of historical reality with conceptualizations in selected surviving texts.

**Credits:** 3

**CLAS 114: Love in Antiquity**

Theoretical and historical analysis of seminal prose and poetic texts on love from the ancient Mediterranean world with emphasis on recurring themes and motifs in erotic texts from antiquity through modernity. Satisfies Divisional A requirement.

**Credits:** 3

**CLAS 115: Slavery in the Ancient World**

An introduction to the theory and practice of slavery in antiquity with the main focus on the institution of slavery in Rome. The topic will be examined via diverse texts and disciplines; e.g., religion, law, literature, philosophy. Also an examination of the impact and connections of ancient slavery to the institution in the New World.

**Credits:** 3

**CLAS 118: Directed Readings**

A program of reading, discussion and examination on a specific area of study chosen with an appropriate faculty advisor. This course cannot be repeated for credit with a different topic.

**Credits:** 3

**CLAS 120: Egypt's Pyramid Age**

**Credits:** 3

**CLAS 122: Egyptian Civilization**

**Credits:** 3

**CLAS 123: Ancient Egyptian Art**

**Credits:** 3

**CLAS 125: Mythology-Egypt**

**Credits:** 3

**CLAS 126: Christians & Jews-1st Cen C.E.**

**Credits:** 3

**CLAS 132: Introduction to Greek Tragedy**

Gods and heroes, fate and free choice, gender conflict, the justice or injustice of the universe: these are just some of the fundamental human issues that we will explore in about ten of the tragedies of Aeschylus, Sophocles, and Euripides.

**Credits:** 3

**CLAS 133: Intro to Homer:Anc Grk**

Reading and translation of extensive selections from the Odyssey. Introduction to epic meter, to Homeric Greek, and to the poet's style. Consideration of evidences of oral composition and discussion of the heroic tradition.

**Credits:** 3

**CLAS 134: Introduction to Plato**

A historical introduction to Western civilization's philosophical heritage from Plato to contemporary philosophical movements.

**Credits:** 3

**CLAS 137: Special Topics in Greek**

A supervised course of study on a Greek text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 137-138: Special Topics in Greek**

A supervised course of study on a Greek text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 138: Special Topics in Greek**

A supervised course of study on a Greek text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 144: Catullus and Horace**

Careful reading and concentrated study of selected poems by Catullus and Horace in Latin. Discussion will be supplemented with additional readings in English translation and secondary scholarship.

**Credits:** 3

**CLAS 145: Lucretius and Cicero**

Close reading and study of selections from the works of Cicero and Lucretius.

**Credits:** 3

**CLAS 146: Vergil, I**

Close reading of extended selections from Virgil in Latin, primarily drawn from the Aeneid, supplemented with additional readings in English translation and secondary scholarship. Emphasis on Virgil's poetic technique as well as the political and cultural significance of his poetry.

**Credits:** 3

**CLAS 147: Vergil, II**

Close reading of extended selections from Virgil in Latin, primarily drawn from the Aeneid, supplemented with additional readings in English translation and secondary scholarship. Emphasis on Virgil's poetic technique as well as the political and cultural significance of his poetry. (Continuation of CLAS 147)

**Credits:** 3

**CLAS 148: Roman Historians: Latin**

A supervised course of study on Roman historiography and the specific works of the major Roman historians, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 152: Latin Prose Composition**

Solidifies the student's knowledge of Latin syntax and style through intensive practice in writing Latin.

Composition exercises are performed in tandem with selections from the prose masters, notably Caesar and Cicero. Open to students who have completed Latin 001-004 or equivalent.

**Credits:** 3

**CLAS 153: Special Topics in Latin**

A supervised course of study on a Latin text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 154: Special Topics in Latin**

A supervised course of study on a Latin text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 157: Directed Readings in Latin**

A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 157-160: Directed Readings in Latin**

A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 158: Directed Readings in Latin**

**Credits:** 3

**CLAS 159: Directed Readings in Latin**

**Credits:** 3

**CLAS 167: Internship**

A course designed to provide students the opportunity to participate in an internship approved by the department. Designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 168: Internship**

A course designed to provide students the opportunity to participate in an internship approved by the department. Designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**CLAS 170: Senior Seminar**

Senior seminar for foreign language majors with concentration in non-European / less-commonly taught languages.

**Credits:** 1

**CLAS 171: Ancient Law and Rhetoric - WRTG**

A supervised course of study on a classical text or texts (read in translation), designed in coordination with an appropriate faculty advisor.

**Credits:** 1

**CLAS 701: Ancient Law & Rhetoric-Wrtg**

**Credits:** 3

**CLAS 702: Politics and the Past (Writing)**

A study the intersection of history with political identity, focusing fifth century Athenian society, which defined itself through myth, assertions of what Athenians are not (difference), and what Athenians are (sameness).

**Credits:** 3

**CLAS 703: Structure of Ancient Thought (Writing)**

This course offers an examination of various topics in the history and structure of ideas (historical, philosophical, religious) in the Ancient World.

**Credits:** 3

**CLAS 704: Plato's Republic-Writing**

This course offers a detailed examination of Plato's Republic.

**Credits:** 3

**CLAS 705: Cleopatra: Ancient Realities and Modern Perceptions (Writing)**

This course combines the methodologies of history, gender studies, and classical reception to contextualize Cleopatra into the history of her own times as well as to examine her legacy as a female and racist signifier in subsequent eras.

**Credits:** 3

**CLAS 706: Plato-WRTG**

**Credits:** 3



**CLAS 707: Introduction to Aristotle (Writing)**

This course offers a general introduction to the philosophy and thought of Aristotle.

**Credits:** 3

**CLAS 708: Greek Drama in English (Writing)**

This course will analyze ancient plays both as great works of literature and as artifacts of a particular artistic, cultural, and political context. Students will read excerpts and complete plays in English from a variety of ancient authors, including (from Classical Athens) Aeschylus, Sophocles, Euripides, Aristophanes, and Menander, and (from late Republican and early Imperial Rome) Plautus, Terence, and Seneca.

**Credits:** 3

**CLAS 710: Classical Heritage (Writing)**

Students taking this course will be assigned a research paper and will be held to a higher standard in the assessment of their contributions to class translation and discussion and their performance on exams.

**Credits:** 3

**CLAS 711: Stoics and Epicureans (Writing)**

This course is focused on the study of Hellenistic Philosophy, primarily that of the Stoics and Epicureans, though ancient Skepticism will also be covered. This material forms some of the background essential to later developments, including the philosophical religions of the Roman Empire, Christianity, and Neoplatonism (both Christian, Arab, and Jewish).

**Credits:** 3

**CLAS 712: Ancient Law & Politics-Wrtg**

**Credits:** 3

**CLAS 713: Classical Myth-WRTG**

A study of classical mythology through examination of the literary mythical narratives of Greece and Rome. We will consider the form, content, and themes of these stories in order to explore the cultural significance of myth and the various ways in which myths can be interpreted through writing assignments.

**Credits:** 3

**CLAS 714: Leadership in Anc Wld-WRTG**

Designed to introduce students to methods of studying leadership both within the field of Classical Studies and without.

**Credits:** 3

**CLAS 718: Comparative Mythology- WRTG**

A comparative study of the ancient myths and traditions of the Sumerians, Babylonians, Hebrews, Greeks, Indians, and Romans. The course examines myths of human origins, social relationships, and conceptions of heroism.

**Credits:** 3

**CLAS 720: Gr Drama Africana Recept. WRTG**

**Credits:** 3

**CLAS 721: Civ. and Depravity-WRTG**

**Credits:** 3

**CLAS 722: Satire and Comedy-WRTG**

An introduction to the various forms of humor that existed in the ancient Mediterranean world, in particular Greek comedic performance and Roman satirical writing. Texts are studied in translation, as a way to examine ancient theories of humor, entertainment, and social commentary.

**Credits:** 3

# COMP - Comprehensive Sciences

## **COMP 001: Life Sciences Lecture-Laboratory**

This course explores the basic concepts of the biological (life) sciences. These concepts will be presented through the examination of the principal characteristics that all living things (bacteria, protozoa, fungi, plants, animals) have in common (i.e., ecology, genetics, taxonomy, metabolism, evolution, reproduction and development, etc.). The lecture information surveys living systems on the chemical, cellular and organismal levels. The exploration is complemented by key laboratory applications and observations that will enable the students to recognize, comprehend and appreciate the complexities of biological organization that exist in nature.

**Credits:** 3

## **COMP 002: Planetary Science Lecture-Laboratory**

The planetary science course involves studies of astronomy (planets, stars, the universe) and geology (the earth). In geology, the principal features of planet earth such as size, shape, composition, motions are presented. How planet earth changes as a result of internal and external forces acting on it provides a topic of interest. In astronomy, emphasis is on the other planets, the solar system and other celestial bodies that exist in the universe. Laboratory investigations involve the examination of various samples, planetarium visits and field trips to area geological sites and venues where technologically advanced telescopes can be used.

**Credits:** 3

## **COMP 003: Physical Science Lecture-Laboratory**

The basic principles of chemistry and of physics are covered in the course. Emphasis is placed on understanding these concepts and how they can be used to relate to every day phenomena. The inorganic and organic aspects of matter, the laws that govern their actions and the formulas that predict the activities of molecules comprise some of the information on basic concepts in chemistry. The laws of physics that govern the solid, liquid and gaseous states of matter are explored. Lecture topics include the foundations of science, principles/concepts/laws of motion, heat and temperature, energy, sound, light, atomic structure, organic and inorganic chemistry. Laboratory exercises include laboratory safety, measurements, law of pendulum, spectrophotometry, identification and physical property determination of substances and empirical formula determination of compounds.

**Credits:** 3

## **COMP 004: Computers and Society**

Computers and Society is an introductory course in computer science. Course activities include lectures, laboratory sessions, and discussions. Lecture material will cover vocabulary, applications, implications, communications and networks, history, and the future directions of computers. Assigned reading will be on the computer's impact on numerous aspects of society. Current events and popular computer topics such as the digital divide, privacy, identity theft and viruses will be presented. Students will explore and discuss how these and other topics affect their lives specifically and society overall.

**Credits:** 3

# HHPL - Health, Human Perform. & Leisure Studies

## **COURSE DESCRIPTIONS**

### **HHPL 001: Water Safety Instructor**

**Credits:** 3

**HHPL 002: Beginning Swimming**

Designed to teach individuals to swim, including such basic skills to make them safe in deep water as floating in a prone position as well as supine position, breath control, and rhythmic breathing.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 003: Advance Beginning Swimming**

Increases the skill of the individual by adding to skills learned in the beginner's course and prepares the student for additional water safety training by introducing skills that improve stamina and basic coordination.

**Credits:** 1

**HHPL 004: Intermediate Swimming**

Provides the student the opportunity to learn the elements of good swimming.

**Credits:** 1

**HHPL 005: Golf**

This activity course provides the student with the opportunity to learn and develop the basic rules and skills of golf.

**Credits:** 1

**HHPL 006: Life Guarding**

**Credits:** 1

**HHPL 007: Volleyball**

Designed to develop a thorough knowledge of volleyball skills, rules, and procedures; embodies individual skills and team skills.

**Credits:** 1

**HHPL 009: Slimnastics**

Explore the benefits of physical activity, healthy nutrition choices, and a personal fitness plan. Understand the specific techniques and guidelines for increased strength and endurance. Learn various exercises designed to enhance flexibility and levels of fitness. Engage in safe and effective exercise procedures for all fitness levels.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 010: Soccer**

This activity course provides the student with the opportunity to learn and develop the basic rules and skills of soccer.

**Credits:** 1

**HHPL 011: Weight Training**

Students are provided with the opportunity to learn and develop a working knowledge of basic exercise science concepts related to strength training and related techniques and skills needed for weight training and the more general concepts of Strength Training. The students will participate in class guided physical activity focused on strength training, program design, discuss nutrition as it relates to strength training and provide them with the knowledge to build healthier bodies. stay fit and strong throughout their life.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 013: Slimnastics II**

Provides the student with a variety of training exercises using aerobic activities, body weight training and strength training that stimulate health and lung activity for a sustained time period to produce beneficial changes in the body. Course has been adapted to virtual or face-to-face.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 014: Elementary Judo**

Introduces the fundamentals of the Japanese grappling art with an emphasis on self-defense.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 016: Elementary Tae Kwon Do**

Develops the fundamental techniques and abilities required in all aspects of Tae Kwon Do including the technical, physical, and mental components.

**Credits:** 1

**HHPL 017: Interm-Adv Tae Kwon Do**

Designed to further develop the techniques in all aspects of Tae Kwon Do on an advanced level.

**Credits:** 1

**Prerequisites:**

PHED 016

**HHPL 020: Brazilian JiuJitsu**

Introduces the fundamentals of the Japanese grappling art with an emphasis on self-defense.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 021: Badminton**

Provides the student with the basic knowledge, understanding, and skill necessary as a life time activity.

**Credits:** 1

**HHPL 030: Athletic Coaching**

Causes the student to move a dependent role in sports and athletics to a leadership role as a coach or game official.

**Credits:** 3

**HHPL 034: Restrictive Activity I**

Physical activity course specific for students with special needs.

**Credits:** 1

**HHPL 035: Restrictive Activity II**

Continuation of HHPL 034. Physical activity course specific for students with special needs.

**Credits:** 1

**HHPL 037: Restrictive Activity III**

Continuation of HHPL 035. Physical activity course specific for students with special needs.

**Credits:** 1

**HHPL 038: Restrictive Activity IV**

Provides the student who has documentation of physical limitations from Student Services and/or physician and the approval of the instructor of record that they will be able to safely and successfully complete the assigned specific activities to fulfill one of the HHPL requirements. \*\*Students allergic to pool chemicals or have documented phobia to the water, must select another physical activity course or health course and Not the Restrictive Activities course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 039: Intermediate Badminton**

This course is designed to build upon the basic fundamental skills of the game. It provides opportunity for skill refinement, analyzation and competitive preparation.

**Credits:** 1

**HHPL 042: Tai Chi****Credits:** 1**HHPL 047: Tai Chi****Credits:** 1**HHPL 048: Exercise & Wellness**

This course introduces the student to the fundamental relationship between physical fitness and a healthy lifestyle. The theoretical components of fitness, principles of training, individual pre/post assessments and prescription exercise programs are examined. Varied physical activity media are introduced to give the student practical experiences with the ultimate goal of self-directed lifetime wellness.

**Credits:** 1**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices**HHPL 050: Meth of Teach Team Sports I**

Designed for major students to teach methods and techniques of team sports.

**Credits:** 1**HHPL 052: Meth of Teach Individual Sport**

This class is designed to prepare the student to teach individual sports. The student will learn various means of organizing a class for particular sports, developing teaching procedures, analyzing movement patterns and evaluating student performance.

**Credits:** 1**HHPL 053: Fitness I (Special)****Credits:** 1**HHPL 054: Fitness I**

Students are introduced to the concepts of fitness training discussing the varied different fitness training modalities, and the purpose of the training modalities in physical development. The class will discuss fitness related basic exercise science concepts, and taught basic fitness training program design for varied fitness goals. Students will participate in class fitness training sessions to build their fitness, learn proper technique and skills needed for fitness training exercises, and participate in a fitness training program that can help them live a healthy, fit, and active life as the student moves into adulthood.

**Credits:** 1**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices**HHPL 055: Fitness II**

Explore the benefits of physical activity, healthy nutrition choices, and a personal fitness plan. Understand the specific techniques and guidelines for increased strength and endurance. Learn various exercises designed to enhance flexibility and levels of fitness. Engage in safe and effective exercise procedures for all fitness levels. Emphasis on cardio training and body weight training. Apply theory and practice for lifetime use.

**Credits:** 1**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices**HHPL 056: Fitness II****Credits:** 1**HHPL 057: Aerobic Dance Fitness**

Works on flexibility, strength, but mainly on the cardiovascular system. Knowledge about health and fitness given.

**Credits:** 1

**HHPL 058: Water Aerobics**

This activity course provides the student with the opportunity to learn and develop the basic rules and skills of water aerobics.

**Credits:** 1

**HHPL 061: Pilates**

This activity course provides the student with the opportunity to learn and develop the basic rules and skills of pilates.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 062: Zumba**

This activity course provides the student with the opportunity to learn and develop the basic rules and skills of Zumba.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 102: Human Anatomy (Majors only)**

Concerns the fundamental understanding of the body's basic anatomical functions and structure.

**Credits:** 3

**HHPL 102/: Human Anatomy Lec/Lab**

Teaches anatomical terminology pertaining to body and organ positions, definitions of anatomy, physiology, embryology and neonatology. Student learn organs, diverse tissues made up of specialized cells forming the organs and specific organ systems that function individually and as a team to maintain a healthy body. Course content prepares students for internship in academia and industry and provides solid background for professional studies.

**Credits:** 4

**HHPL 103: Physiology**

Basic terms pertaining to functional units of human body and their molecular composition that enables specific functions. Students learn communication mechanism at cellular level that ensures functional coordination, maintains internal stability and alerts body with any subtle changes. Empowers students with in-depth understanding for professional studies, community service, as well as diverse internship opportunities.

**Credits:** 3

**HHPL 104: Kinesiology**

Teaches fundamental principles, mechanics, balance, and muscular action that are basic to the analysis of movement, sports, and individual activities.

**Credits:** 3

**Prerequisites:**

PHED 102 and PHED 103.

**HHPL 106: Disease Prevent & Hlth Promote**

Examines disease types, classification and risk factors. Explore levels of prevention, behavior change theories and health promotion concepts. Study Healthy People 2023's framework, five key elements, and evidence-based resources. Learn the social marketing strategies. Apply knowledge gained from course to create a health promotion campaign.

**Credits:** 3

**HHPL 107: Exercise Physiology**

Focus on the physiological effects of exercise on the human body. Students will gain a comprehensive understanding of the various acute and chronic physiological adaptations associated with involvement in fitness, sport, and other healthy lifestyle activities. Major topics include energy use, the muscular, cardiovascular, respiratory, and nervous systems, metabolism, body composition, temperature regulation, and training guidelines.

**Credits:** 3

**Prerequisites:**

PHED 102, PHED 103, and PHED 104.

**HHPL 108: Human Anatomy Lab**

Teaches anatomical terminology pertaining to body and organ positions, definitions of anatomy, physiology, embryology and neonatology. Student learn organs, diverse tissues made up of specialized cells forming the organs and specific organ systems that function individually and as a team to maintain a healthy body. Course content prepares students for internship in academia and industry and provides solid background for professional studies.

**Credits:** 1

**HHPL 109: Methods & Directive Teach PE**

Designed for students who are interested in teaching secondary physical education. This course will assist the beginning teacher to improve teaching methodology and techniques in various activities. Emphasis is also placed upon curriculum content, construction of daily lesson plans and course objectives based upon a systematic approach to learning.

**Credits:** 3

**HHPL 111: Motor Learning**

Teaches fundamentals and principles of movement methods and motor skills.

**Credits:** 3

**HHPL 112: First Aid & CPR**

Recognize and respond appropriately to cardiac, breathing and first aid emergencies to know how to give immediate care to a suddenly injured or ill person until more advanced medical personnel arrive and take over. Students will learn to assess a persons condition and how to recognize and care for life-threatening emergencies with hands on experiences to prepare for real world scenarios.

**Credits:** 3

**HHPL 113: Adaptive Physical Education**

Acquaints students with organization and development of programs for the atypical student.

**Credits:** 3

**HHPL 118: Athletic Training I**

Students are introduced to the profession of athletic training and sports medicine, including history, function, career opportunities and professional standards of the national (NATA) organizations, introduction to the concepts and skills, basic anatomy, terminology, blood borne pathogens, nutritional considerations, taping techniques, on-field assessment of injuries and on-field emergency care techniques.

**Credits:** 3

**HHPL 119: Athletic Training I**

**Credits:** 3

**HHPL 123: Res & Stat-Sprt Med**

Explores the scientific concepts and principles central to the study of Research Designed and Statistical Methodology. Study basic research methods related to human behavior in developmental contexts. Major themes include goals of fundamental research, design, types of measurements, elements of good scientific writing and ethical issues in the study of human behavior.

**Credits:** 3

**HHPL 125: Independent Study**

Major students during their senior year conduct research or seek to expand knowledge in a specific subject area with the guidance of an adviser.

**Credits:** 1

**HHPL 130: Exercise Physiology II**

Explore the world of exercise physiology by gaining knowledge and skills to properly design a program for themselves and other populations in the various stages of life. Students will gain solid foundation to pursue the entry level certification as a personal trainer by assessing and mastery both written and practical exams modeled a prominent certification exams within the fitness industry.

**Credits:** 3

**HHPL 135: Sports Psychology**

Involves the examination of human behavior in the sports setting. Covers skill learning and performance common to both physical education and sport; the psychological factors affecting the learning and performance of physical skills and how individuals are affected by both internal and external factors.

**Credits:** 3

**HHPL 139: Pract Exercise Science**

Designed to enable the student to gain practical exposure to the many facets of fitness assessment and exercise prescription. The course will be based on guidelines for exercise testing and prescription recommended by the American College of Sports Medicine. Students will be exposed to and/or participate in the administration of the following: exercise stress tests, EKG's, blood pressure screening, step test, muscular strength and endurance assessment, flexibility testing and other tests which are used to assess fitness. Students will prescribe, conduct and participate in fitness programs designed to elicit both aerobic and muscular training effects. Each student will be required to demonstrate a working knowledge of the "FITSCAN" computer program for assessing fitness and prescribing exercise. To fulfill the practicum requirement of the course, students will work in a center which deals with some aspect of the fitness industry.

**Credits:** 3

**HHPL 140: Human Growth & Development**

Examines human growth and development across the lifespan, focusing on the biological, cognitive, and socio/emotional processes that shape development. This course will explore important issues in the life-span developmental theory and research and is designed to help students consider how theory and research can be applied to enhance their personal and professional lives.

**Credits:** 3

**HHPL 141: Intro to Sport Management**

The purpose of this class is to provide an overview of the sport industry that introduces the student to the basic fundamental knowledge and skill sets required of the sport manager to solve sport business problems. Focus will also be placed on understanding career options in the sport industry and preparing for employment. Identifies necessary competencies for Sport managers.

**Credits:** 3



**HHPL 144: Sports Law (Majors Only)**

An analysis of the legal process and governing organizations within the sport enterprise. Preparation for dealing with the legal ramifications and the governance organizations of the sporting world.

**Credits:** 3

**HHPL 145: Sports Marketing**

This course provides an understanding of sports and the marketing of events and products, and creates a moral practice and standard when targeting a product or population. Theory identification and practical involvement will be merged to enhance the experience and opportunity to contribute into the multi-billion dollar sports industry.

**Credits:** 3

**HHPL 146: Ethics & Soc.Issues in Sports**

**Credits:** 3

**HHPL 147: Sports & Media (Majors Only)**

Introduction to theory and practice of media forums and their relationship to the sports industry. Designed to give students an operational and technical foundation in research, print, broadcasting, and the impact of advertising and sales on production of a sports event. Guest lecturers from professional media entities, and opportunity for hands-on experiences.

**Credits:** 3

**HHPL 148: Governance**

An analysis of the legal process and governing organizations within the sport enterprise. Preparation for dealing with the legal ramifications and the governance organizations of the sporting world.

**Credits:** 3

**HHPL 149: Fac & Event Mgmt**

Course addresses the fundamentals of planning and design, emphasizing athletic, physical education, and recreation facilities in both rural and urban settings. Field trips and current trends in facility design and scheduling will also be explored.

**Credits:** 3

**HHPL 150: Mgmt & Ldrshp Sport (Majors)**

This course focuses on the leadership principles for directing programs and facilities in sport management. This course is an analysis of effective management strategies and the body of knowledge associated with pursuing a career in sport management. The course will introduce students to sport management career opportunities in the sport industry, and it encourages students to see sport principles as they apply to management, leadership style, communication, and motivation.

**Credits:** 3

**HHPL 151: Sport Management Internship**

An internship is an intensive career oriented work experience related to the student's academic studies, professional and educational goals. It is also an opportunity to gain practical experience in one's major field of study, apply knowledge gained in the classroom, and make useful contacts in a professional field. The experience is ideally unique to the student and must be supervised by a qualified supervisor.

**Credits:** 6

**HHPL 152: Meth&Mat Hlth Ed**

Offers information on theory, methods and materials used in health instruction in the secondary school and provides for practical classroom experience.

**Credits:** 3

**HHPL 153: Human Sexuality**

Develops a functional graded vocabulary, a knowledge of key facts and basic concepts, wholesome attitudes and practices, and skill in the critical analysis of basic problems and issues as they relate to human sexuality.

**Credits:** 3

**HHPL 157: Health Prob of Child & Youth**

Concerns the health needs of the child while at school; the responsibility of the teacher, physician, nurse and administrator.

**Credits:** 3

**HHPL 158: Health Sci for Peer Educators**

**Credits:** 1

**HHPL 159: Health Science**

Promotes healthier living through scientific knowledge in health, disease, mental and emotional functioning, chemical alteration and behavior, environmental health and family living.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 160: Women's Health**

Deals with the physical and mental health of women. An examination of the physician-patient relationship, gynecological exams, vaginal infections, menstruation, cancer, marriage, rape, abortion, etc.

**Credits:** 1

**HHPL 161: Crisis Health**

**Credits:** 1

**HHPL 162: Men's Health**

This course explores the societal, economic, cultural, and gender influences that shape men's health beliefs and practices. Common health problems and strategies effective in promoting men's health and well-being are explored

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 163: Foundation of Health Promotion**

This is an introductory course that provides students with a scientific background into the scope of professional practice and the sub-disciplines in public, community, and personal health promotion and education

**Credits:** 3

**HHPL 164: Nutrition & Weight Cntrl**

**Credits:** 1

**HHPL 165: Hlth of Wmn, Child & Families**

This course examines the policies, programs and services that focus on the health of women, families and children. It explores major issues facing children, women and families by critically examining the assumptions, values, and philosophical perspectives.

**Credits:** 3

**HHPL 167: MCH-Institute**

Provides students with the basic knowledge to work with public and private health agencies that provide services to women, infant, children, adolescent and families.

**Credits:** 3

**HHPL 175: Controlling Stress & Tension**

The Management of Stress and Tension explores a holistic (body, mind, emotions, and spirit) approach to the management of stress and tension. From a theoretical perspective, students will analyze stressors, the stress response, resiliency, coping, lifestyle, and relaxation techniques.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 179: Com Hlth Intern-Majors Only**

A field-based field placement designed to offer students a "hands-on" structured work experience in the diverse field of community health.

**Credits:** 9

**HHPL 182: Sports Med Honors (Soph)**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**HHPL 183: Sports Med Honors for Soph**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**HHPL 184: Sports Medicine Honors for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**HHPL 185: Fld Work A Hlth Ed Major**

Practical, supervised training designed to supplement formal study. Students learn practical applications of classroom material and gain skills and knowledge relevant to their course of study.

**Credits:** 1

**HHPL 186: Fld Wrk B-Hlth Ed Majors**

Practical, supervised training designed to supplement formal study. Students learn practical applications of classroom material and gain skills and knowledge relevant to their course of study.

**Credits:** 1

**HHPL 187: Fld Wrk/ C-Hlth Ed Mjrs**

Practical, supervised training designed to supplement formal study. Students learn practical applications of classroom material and gain skills and knowledge relevant to their course of study.

**Credits:** 1

**HHPL 188: Sports Med Honors-Srs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**HHPL 190: Human Physiology Lab**

**Credits:** 1-3

**HHPL 192: Direct Rdgs Hnrs for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**HHPL 193: Direct Rdgs Honors for Soph**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**HHPL 194: Direct Rdgs Hnrs for Seniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**HHPL 195: Direct Rdgs Hnrs for Jrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**HHPL 206: Dr. Rdgs Sr. Health**

Explore independent research to achieve Honors Senior Thesis under the guidance of faculty mentors.

Designed to enhance students' communicative, critical thinking, analytical reasoning, and quantitative skills.

Aimed to develop positive agents of change and future global leaders. Health Education majors in the Honors program in the Natural Sciences are required to complete the Senior Thesis.

**Credits:** 3

**HHPL 207: Dr. Rdgs Jr. Health**

**Credits:** 3

**HHPL 208: Dr. Rdgs Soph. Health**

Introduction to research practices and discussion and selection of research project for thesis. Guidance to be provided by faculty mentor on possible subject matter

**Credits:** 1

**HHPL 220: Organ/Admin of HPER**

Designed to teach students the fundamentals of organization and administration in the delivery of physical education, school health and leisure services. Course covers topics such as leadership, communications, effective management and marketing. Time is also devoted to budget/fiscal practices, policy making, personnel management and training.

**Credits:** 3

**HHPL 221: Budget & Fin-Leisure & Sport**

Analysis of budgeting, financial summaries, fiscal management policies and procedures, proposal writing, and taxation for recreation. The student will be exposed to purchasing, recreation debt administration, and to a brief introduction of the use of electronic data processing and financial management. Also covered are basic philosophy in principles, procedures and other aspects of administration.

**Credits:** 3

**HHPL 246: Leadership**

**Credits:** 3

**HHPL 247: Mind, Body and Sport**

**Credits:** 3

**HHPL 280: Sociology of Leisure**

An examination of the implications of the social organization and the role of individuals and groups on leisure environments.

**Credits:** 3

**HHPL 302: Esports Governance**

**Credits:** 3

**HHPL 304: Intro to Esports Mgmt.**

**Credits:** 3

**HHPL 305: Esports Event Mgt. Planning**

**Credits:** 3

**HHPL 706: Hist & Phil of PE-Writ & Sprt**

This course is an examination of human movement including historical, philosophical, psychological and physiological components essential to the study of physical education. Demonstrating advanced writing skills is an integral part of this upper level course.

**Credits:** 3

**HHPL 717: Role of Sport in Society-WRTG**

This course involves a discussion of the impact of sports in society and the values we place on sports. The course will explore the values, virtues, consequences, rights and responsibilities of sports in our culture. The course is designed to improve the understanding of legal, racial, academic and moral issues of sports and athletics.

**Credits:** 3

**HHPL 723: Intro to Research & Stat-Writ**

A comprehensive introduction to the fundamental aspects of research methods and statistics. Topics ranging from study design, data type and graphs through to choice and interpretation of statistical tests - with a particular focus on standard errors, confidence intervals and p-values.

**Credits:** 3

**HHPL 746: Eth & Soc Issues in Sprt-WRTG**

An examination of the role of sport in society as a vehicle for values and the ethical digressions that have created a negative perception of sport that permeates at all levels. This course is designed to challenge the student to explore their own ethical values and moral code as they learn the various ethical theories.

**Credits:** 3

**HHPL 753: Human Sexuality-Writing**

**Credits:** 3

**HHPL 755: Addictive Behavior-Writing**

This course revises how individuals can become "addicted". It discusses current research and critiques of the concept of dependency, contemporary psychological theories about addictive behavior, treatment issues, and strategies to change or shift co-dependent patterns.

**Credits:** 3

## HNRS - Honors

**HNRS 080, 081, 082, 083: Honors Humanities Seminar**

Seminars on selected topics in the humanities for sophomores and juniors.

**Credits:** 3

**HNRS 084: Honors Science Sem**

Seminars on selected topics in the natural sciences for sophomores and juniors.

**Credits:** 3

**HNRS 084, 085, 086, 087: Honors Natural Science Seminar**

Seminars on selected topics in the natural sciences for sophomores and juniors.

**Credits:** 3

**HNRS 088, 089, 090, 091: Honors Social Science Seminar**

Seminars on selected topics in the social sciences for sophomores and juniors.

**Credits:** 3

**HNRS 093: Honors Research Methods**

Junior Honors course emphasizing all aspects of research including design of experiments, analysis and presentation of data, proposal writing, and preparation of journal articles. Intended to prepare students for writing the Senior Thesis.

**Credits:** 3

**HNRS 700: Honors Writing Intensive**

Intermediate writing class offered in one of the disciplines: Natural Sciences, Social Sciences or Humanities. Satisfies additional writing requirement.

**Credits:** 3

## HUMN - Humanities

**HUMN 011: Literature of the Ancient World**

Introduction to the literature of ancient Greece and Rome and the Near East, concentrating on literary styles and cultural background of the ancient world.

**Credits:** 3

**HUMN 012: Medieval and Renaissance Literature**

Introduction to the literature of the European medieval and Renaissance cultures through a reading of selected authors who express important concepts and cultural attitudes of the two periods.

**Credits:** 3

**HUMN 013: Literature of the Modern World**

Introduction to the literature of the post-Renaissance world, emphasizing both the history and development of ideas during the period and the literary methods and values of the works studied.

**Credits:** 3

**HUMN 014: Introduction to Humanities I**

Introduction to Humanities I is the first part of a two-semester core course for freshmen designed to enhance their understanding of great and enduring themes of humanistic inquiry. Students read literary and philosophical works of major historical significance and value from a contemporary viewpoint. Students explore themes such as cultural collision and resolution, concentrating on various aspects of the epic tradition.

**Credits:** 3

**HUMN 015: Introduction to Humanities II**

Introduction to Humanities II is the second part of a two-semester core course for freshmen. In this course students study the relationship of the self to the other, with all its attendant considerations, and concentrate on generic distinctions between comedy and tragedy in drama, autobiography, and fiction. Prerequisite is Humanities I.

**Credits:** 3

**HUMN 107: Introduction to Women's Studies**

Introduction to the role of women in the humanities, investigating women as writers and their contributions to the disciplines of philosophy, German, Russian, Classics, English, and the Romance Languages. Cross-listed with other departments in the Division of the Humanities.

**Credits:** 3

# CSCI - CSCI

## **CSCI 100: Intro to Computer Science**

This course introduces the fundamentals of computer science. A brief examination of critical, creative, systems and scientific thinking, is followed by more details on computational thinking to analyze and solve interdisciplinary problems. The focus is hands on computing exercises and group exercises that stress the importance of algorithms and problem solving. Upon completion of this course students will have the ability to design a methodological algorithm to solve an everyday problem and the ability to write and debug Python programs to achieve a desired outcome.

**Credits:** 3

## **CSCI 120: Explorations in Computer Science**

This is a required freshman course introducing CS fundamentals such as: binary arithmetic, computational linear algebra, and python programming. Course explores CS sub-domains such as: artificial intelligence, cybersecurity, data science, machine learning, interactive media (games), human computer Interface (HCI) usability testing, and robotics. In addition, students will be exposed to design thinking for innovation. Class will include presentations from leading experts from academia, government and industry allowing students to ask questions directly. Topical assignments will expose students to introductory topics through individual exercises and team projects.

**Credits:** 2

## **CSCI 135: Computer Science I (Python)**

This course introduces the discipline of computer programming. There is a closed laboratory to reinforce lecture topics and introduce new topics. Course is designed to expose students to basic programming concepts and to the use of the C++ language. This course is designed to enhance the students ability to design, develop and test/debug programs. Each student will increase his or her skill in writing correct and maintainable programs. Emphasis will be placed on problem analysis and on the subsequent development of algorithms. Several standard data types will be discussed, and the student will gain an understanding of the issues relating to the use, design, and implementation of each type in C++. A major focus of the lectures will be to provide an overview of real-world problem-solving concepts and top-down software design.

**Credits:** 4

## **CSCI 136: Computer Science II**

This course exposes students to the software development life cycle with a focus on the concepts and use of the object-oriented paradigm in problem analysis, solution design, software development and implementation. C++ is the primary programming language used to in this course to enhance the students ability to engineer software that is efficient, maintainable, and cost efficient over its entire life cycle. Data abstraction is discussed in depth and students gain experience in the use of classes, object and member functions. Students gain an understanding of the development of reusable abstract data types. Software reuse is emphasized, and object-oriented concepts are used throughout the course. O-notation and the complexity of algorithms are discussed at relevant points in the course.

**Credits:** 3

### **Prerequisites:**

CSCI 135 (with a grade of 'C' or better).

## **CSCI 165: Scientific Computing for Eng**

Introduces programming and use of digital computers through symbolic programming. Programming includes general problem-solving and the systematic development of algorithms; use includes the coding of programs and practical experience in Maxima or Matlab.

**Credits:** 3

## **CSCI 170: Programming Team**

**Credits:** 1

**CSCI 172: Intro to Mobile Application Development**

This class is an introduction to Android mobile application development. A student who successfully completes this course will understand the basic concept of mobile application design, factors to consider when developing mobile applications, and how to develop mobile applications using app development framework such as Android SDK.

**Credits:** 3

**CSCI 200: Intro to Mobile App Dev.**

**Credits:** 3

**CSCI 201: Computer Organization I**

This course covers the fundamentals required to understand the relationship between computer hardware and software. Topics include data representation on computers, computer arithmetic, Boolean algebra, digital logic, and the implementation of program constructs in assembly languages (with MIPS as an example).

**Credits:** 3

**Prerequisites:**

CSCI 135.

**CSCI 202: Computer Organization II**

This course presents the fundamental knowledge essential for understanding the operations of computer systems. Topics include performance evaluation, non-pipelined and pipelined Datapath, memory hierarchies, and I/O devices.

**Credits:** 3

**Prerequisites:**

CSCI 201

**CSCI 211: Unix Lab**

This course will present the basic concepts of LINUX and UNIX operating systems. Topics that will be examined include Vi editor, Linux Command, directories, Disks and File systems, Users and Groups, File Permissions, Processes, file compression, basic network use, manage files, create, and modify files and Shell script.

**Credits:** 1

**CSCI 340: Robotics Linear Algebra**

**Credits:** 3

**CSCI 341: Theory of Computation**

Introduction to the classical theory of computer science. A study of the formal relationships between machines, languages and grammars; we will cover regular, context-free, context-sensitive, recursive and recursive enumerable languages. Sequential machines and their applications to devices, processes, and programming. Models of computation: finite state automata, push down automata, Turing machines. The role of non-determinism

**Credits:** 3

**Prerequisites:**

CSCI 136 and Discrete Structures.

**CSCI 350: Structure of Program Language**

This course will teach students the basic components of the design and analysis of computer programming languages as well as the fundamental computation theory that is required to understand those concepts. The course will also cover several non-imperative languages (unlike C, such as LISP and Prolog) to expose students to the diversity of programming languages.

**Credits:** 3

**Prerequisites:**

CSCI 201, CSCI 341



**CSCI 354: Computer Science III**

This course uses Python to continue the study of data structures and algorithms, focusing on algorithmic design and problem analysis and the relationships between data representation, algorithm design, and program efficiency. Topics include advanced data structures, key algorithm design techniques, analysis of the time and space requirements of algorithms, and the subsequent development of solution of systems. Concrete examples will be drawn from a variety of domains, such as algorithms for trees and graphs, indexing and search, and real-world problems.

**Credits:** 3

**Prerequisites:**

CSCI 136 (with a 'C' or better)

**CSCI 363: Large Scale Programming**

This course will introduce the students to applications and systems in the large scale. Students will be introduced to the object-oriented method to software design using UML and will apply the object-oriented design/analysis techniques of UML to a realistic Java application. Students will gain familiarity with managing larger projects and OOA/D.

**Credits:** 3

**Prerequisites:**

CSCI 136

**CSCI 365: Cloud Computing**

Cloud Computing provides the modern on-demand services for management and usage of large and shared computing resources including storage, computations, and communications. This course will cover in-depth knowledge for Cloud Computing and the practical experience in designing and implementing large-scale and composite business web applications on Cloud Computing platform.

**Credits:** 3

**CSCI 371: Intro. to Human Comp. Interact**

**Credits:** 3

**CSCI 375: Software Engineering**

This course will introduce students to the basic concepts of software engineering and the software development life cycle. The course will cover methodological techniques for software specification, design, implementation, testing, verification, and documentation. The course will also present the use of state-of-the-art tools for computer-aided software engineering (CASE).

**Credits:** 3

**Prerequisites:**

CSCI 354

**CSCI 376: Operations Research**

Methodology for planning, analyzing and evaluating optimal systems: identifying and structuring objectives and defining performance requirements that influence the design of the system. Synthesizing and analyzing alternative solutions and applying optimization techniques for the optimum queuing system. Applications to real world systems with open and closed queues with emphasis on computer systems using microcomputer software packages.

**Credits:** 3

**Prerequisites:**

CSCI 375

**CSCI 379: Into to Human-Comp Inter Des**

This course introduces students to the field of human-computer interaction (HCI). HCI is an interdisciplinary field that integrates theories and methodologies from computer science, cognitive psychology, design, and many other areas. Course readings will span current theory and practice in interface specification, design and evaluation, as well as current and classic research papers in HCI. Students will work on both individual and team projects to design, implement, and evaluate computer interfaces. The course is open to students from all disciplines, providing them with experience working in interdisciplinary design teams.

**Credits:** 3

**Prerequisites:**

CSCI 354

**CSCI 380: Found. of User Experience Dsgn**

**Credits:** 3

**CSCI 390: Ethical & Soc. Impact of Compu**

This course will present the foundations of ethics in the context of computing. The broader social impact of computing and technology in general will also be reviewed. Areas of specific focus will include technology and human values, costs and benefits of technology, the character of technological change, and the social context of work in computer science and information technology.

**Credits:** 2

**CSCI 401: Operating Systems**

This course will present the basic concepts of operating systems. Topics that will be examined include processes and interprocess communication/synchronization, virtual memory, program loading and linking system calls and system programs; interrupt handling, device and memory management, process scheduling, deadlock and the trade-offs in the design of large-scale multitasking operating systems.

**Credits:** 3

**Prerequisites:**

CSCI 202; CSCI 363

**CSCI 402: Mobile Application Development**

This course will introduce students to developing IOS (Apple) applications which target mobile devices. Students will be introduced to many issues unique to mobile applications, including synchronization, remote data access, security, and sometimes-connected networks. They will research topics in these areas and develop a significant project which demonstrates their knowledge and understanding of these issues.

**Credits:** 3

**Prerequisites:**

CSCI 354

**CSCI 410: Modeling & Simulation**

the organization, storage, and processing of data at a scalable and efficient way which goes beyond the capabilities of traditional information technologies. In this course, we will cover modern massive data analysis technologies including different platforms, models, and languages, we will also look at real world applications and how they can be implemented on big data platforms. Topics in this course include Map reduce/Hadoop, NoSQL stores, languages such as Pig Latin and JAQL, large-scale data mining and visualization. It will include programming projects that will provide students with hands-on experience on building data-intensive applications using existing big data tools and platforms.

**Credits:** 3

**CSCI 420: Computing for Creative Games**

**Credits:** 3

**CSCI 421: Computer & Video Game Dev**

The course will span the software domains embedded in computer and video games. Topics such as game computational infrastructure, design, engines, and motion will be presented through discussion and assignments. Game industry guest speakers will discuss software challenges and opportunities. Students completing this course will understand the software development process required to create a successful game and possess the programming expertise to create a simple game.

**Credits:** 3

**Prerequisites:**

CSCI 354, CSCI 375

**CSCI 422: Game Engine Programming**

Game engine programming is introduced as a critical element in compelling game creation. Programming activity will feature input capture, world integration, object motion, collision detection and audio scoring. Game performance metrics, code optimization and quality assurance testing procedures will be emphasized. Game projects may be implemented using Unity, Unreal, or Godot engines.

**Credits:** 3

**Prerequisites:**

CSCI 421

**CSCI 432: Database Systems**

This course engages students to analyze complex business scenarios and create a data model a conceptual representation of an organizations information. Participants implement their database design by creating a physical database using SQL. Basic SQL syntax and the rules for constructing valid SQL statements are reviewed. This course culminates with a project that challenges students to design, implement, and demonstrate a database solution for a business or organization.

**Credits:** 3

**Prerequisites:**

CSCI 354

**CSCI 449: Intro to Computer Networks**

This course teaches the concepts and general principles of the underlying networks of the Internet.

**Credits:** 3

**CSCI 450: Data Comm & Network Prog**

This is an introductory course on computer networking. It will cover the layering model of the Internet. The upper four layers (application, transport, network and data link) will be discussed in details with dominant networking protocols and algorithms introduced. Students will also learn how to do basic programming on the Internet.

**Credits:** 3

**Prerequisites:**

CSCI 354, CSCI 201, CSCI 470, Discrete Structures

**CSCI 452: Network and Web Programming**

This class will introduce (1) network programming, writing applications that communicate with each other via TCP/UDP sockets, and (2) Web programming, writing applications that are accessible through a Web Browser over the Hypertext Transport Protocol (HTTP). For web programming, both client side and server side programming will be covered. The LAMP stack (Linux, Apache, MySQL, and PHP) will be used for server side, Javascript and CSS will be covered for client side. HTML will be taught before studying programming. As prerequisites, programming skills are needed. Light database experience is preferred but not required

**Credits:** 3

**CSCI 453: Intro to Cyber Security I**

Computer Security Overview. Malware and Cyberwarfare. Passwords. Biometrics. Access Controls. Multilevel Security. Multilateral Security. Firewalls. Intrusion Detection . Cryptography Before 1970. Symmetric Key Cryptography. The Data Encryption Standard (DES). The Public Key Paradigm. Knapsacks. The RSA Approach to Public Key Cryptology. Elliptic Curve Cryptography. The Advanced Encryption Standard (Rijndael). Hash Functions. The Digital Signature Standard

**Credits:** 3

**CSCI 454: Intro to Cyber Security II**

Distributed Denial of Service (DDoS). Hash Functions. SHA-3 and Keccak. Network Security. Network attack and defense. Steganography. Software security I. Software flaws. Malware. Miscellaneous software-based attacks. Software security II. Software reverse engineering. Software tamper resistance. Digital rights management. Software development. Stuxnet and Cyberwarfare. Advanced encryption techniques. Elliptic Curves and Elliptic Curve Cryptography. Electronic voting. Quantum cryptography.

**Credits:** 3

**Prerequisites:**

CSCI 453

**CSCI 470: Fundamentals of Algorithms**

Techniques for designing efficient algorithms, analyzing their complexity and applying these algorithms to a broad range of application settings. Methods for recognizing and dealing with hard problems are studied.

**Credits:** 3

**Prerequisites:**

CSCI 354

**CSCI 471: Applied Data Structure**

This course aims to teach students to learn skills required for solving technical interview problems and deepen ones ability to solve time sensitive programming tasks. Students will learn new data structures, algorithms, and algorithm design techniques and improve their comfort with applying data structures and algorithms knowledge to real-world problems. After this course, students will be able to identify the best data structure or algorithm for their problem and explain the reason for their decision.

**Credits:** 3

**CSCI 472: Systems Management Analysis**

This course presents methodology for large-scale system design and analysis using modern semantic analysis techniques. Identification and definition of large-scale (community/industrial-based) problems. Discusses how to select and quantify measures of the severity of the problem. Presents different techniques for modeling alternative solutions to problems.

**Credits:** 3

**Prerequisites:**

CSCI 375

**CSCI 473: Applied Data Science**

This course is an introduction to probability and statistical concepts and their applications in solving real-world problems. This prerequisite course provides a solid background in the application of probability and statistics that will form the basis for advanced data science methods. Statistical concepts, probability theory, random and multivariate variables, data and sampling distributions, descriptive statistics, and hypothesis testing will be covered. The use of computer-based applications for the performance of basic statistics will be utilized.

**Credits:** 3

**CSCI 475: Intro to Machine Learning**

Techniques for learning from data and applying these algorithms to application settings. Topics covered include Bayesian methods, linear classifiers such as the perceptron, regression, and non-parametric methods such as k-nearest neighbors.

**Credits:** 3

**Prerequisites:**

CSCI 354; MATH 189

**CSCI 476: Artificial Intelligence**

This course will introduce students to contemporary topics in artificial intelligence. Topics that will be examined include basic AI concepts, representations, and techniques used in building practical computational systems (agents) that appear to display artificial intelligence, through the use of adaptive information processing algorithms. During the semester students will learn general knowledge representation techniques and problem solving strategies. Topics will include search, intelligent agents, game playing and rule-based systems.

**Credits:** 3

**Prerequisites:**

CSCI 350

**CSCI 477: Science of Information**

**Credits:** 3

**CSCI 479: Cybersecurity Network CPS/IoT**

This course is designed to introduce emerging topics related to cybersecurity challenges and practical cyber-defense/countermeasures in networked Cyber-Physical Systems (CPS) and Internet-of-Things (IoT). The course will cover fundamental concepts, technologies, theoretical understanding and practical basis for cybersecurity of networked CPS/IoT.

**Credits:** 3

**CSCI 481: Product Management**

This course teaches students to understand what a product manager (PM) does and what their role is. Students learn product skills including customer discovery, pitching, requirements definition, UI design, and using metrics. They learn management skills such as influence without authority, negotiation, and having difficult conversations. Students practice these skills by creating an end-to-end product plan.

**Credits:** 3

**CSCI 484: Real-Time Systems**

**Credits:** 3

**CSCI 490: Software Development Studio**

This course is an integrative experience that brings together all components of the undergraduate computer science curriculum in an applied, hands-on real-world setting. The course is a bridge between the academic experience and the professional workplace. The objectives of the Capstone course are to give the student the experience of 1) being involved in building a non-trivial, real-world, software development project; 2) working with other developers in a team environment; 3) building a web application and 4) integrating knowledge of topics such as programming, data structures, algorithms, database, and software engineering within a team-project framework. Students will present their final product at the end of the semester.

**Credits:** 3

**CSCI 491: Senior Project I**

Allows the senior student the opportunity to demonstrate his or her knowledge of systems engineering and computer science principles by application to a class project of his or her choosing, with the guidance and supervision of a faculty member. The student develops a proposal for the project, followed by an architectural design and detailed design, all of which must be presented in class

**Credits:** 3

**Prerequisites:**

CSCI 202

**CSCI 492: Senior Project II**

In part two, the senior student develops and implements the system solution to the proposed project. The system, most commonly comprising computer software, hardware, procedures, etc., is implemented and tested in the department's Systems Development Laboratory. The student is required to demonstrate the system solution to the faculty and the student body of the department.

**Credits:** 3

**Prerequisites:**

CSCI 491

**CSCI 493: Tech Entrepr & Lean StartUps**

This course provides real world, hands-on learning on what its like to start a high-tech company. This class is not about how to write a business plan. Its not an exercise on how smart you are in a classroom, or how well you use the research library to size markets. And the result is not a PowerPoint slide deck for a VC presentation. And it is most definitely not an incubator where you come to build the?hot-idea that you have in mind. This is a practical class essentially a lab, not a theory or?book class. Our goal, within the constraints of a classroom and a limited amount of time, is to create an entrepreneurial experience for you with all of the pressures and demands of the real world in an early-stage startup. You will be getting your hands dirty talking to customers, partners, competitors, as you encounter the chaos and uncertainty of how a startup works. You ll work in teams learning how to turn a great idea into a great company. You ll learn how to use a business model to brainstorm each part of a company and customer development to get out of the classroom to see whether anyone other than you would want/use your product. Finally, based on the customer and market feedback gathered, you would use agile development to rapidly iterate your product to build something customers would use and buy. Every day will be a new adventure outside the classroom as you test each part of your business model and then share the hard-earned knowledge with the rest of the class.

**Credits:** 3

**CSCI 495: CS Practicum Experience**

**Credits:** 3

**CSCI 496: CS Practicum Prof. Development**

**Credits:** 3

**CSCI 498: SpTp: Robotics Programming**

The primary focus of this course will be behavior-based robotics, which uses semi-autonomous artificial intelligence modules for planning. Behavior-based robots use sensor information to react to changes in an environment, instead of complicated internal models. Higher level concepts that will be covered include multi-robot communication, robot localization and path planning.

**Credits:** 3

**Prerequisites:**

Junior Standing, MEEG, ECEG, CSCI major

**CSCI 991: Co-Op Education CS**

**Credits:** 1

## **CSCI 999: Co-op Education**

**Credits:** 12

## **EGPP - EGPP**

### **EGPP 101: Intro-Engineering (CpE)**

Introduces and engages first year engineering students in the engineering and design process. Focus is given to knowledge of ethics and other issues of relevance to society. PREREQ: None.

**Credits:** 2

### **EGPP 103: Team Adoption Pilot**

Elective. Adoption of engineering teams; group dynamics; team work.

**Credits:** 1

### **EGPP 405: CS Undergraduate Research**

Requires a student to conduct research under the directives of an instructor. Students must seek and receive the approval of the instructor prior to enrollment in this course

**Credits:** 3

### **EGPP 494: Bison Acc: Launch & Iterate**

This course defines foundational terms such as cloud, data, and digital transformation. It also explores examples of companies around the world that are using cloud technology to revolutionize their businesses.

**Credits:** 3

## **ELEG - ELEG**

### **ELEG 102: Intro to Engineering II**

**Credits:** 1

### **ELEG 202: Network Analysis I**

**Credits:** 3

### **ELEG 204: Intro to Electrical Engr Lab**

**Credits:** 1

### **ELEG 301: Network Analysis II**

**Credits:** 3

### **ELEG 304: Electromagnetic Theory II**

**Credits:** 3

### **ELEG 307: Electronics I Laboratory**

**Credits:** 2

### **ELEG 308: Electronics II Lab**

**Credits:** 2

### **ELEG 310: Principles of Electronics**

**Credits:** 0-3

### **ELEG 311: Intro to Digital Systems**

**Credits:** 3

**ELEG 315: Electronics I****Credits:** 3**ELEG 316: Electronics II****Credits:** 3**ELEG 318: Energy Conversion****Credits:** 3**ELEG 321: Signals & Systems I****Credits:** 3**ELEG 401: Fundamentals of Design & Appl****Credits:** 3**ELEG 404: Design Thesis****Credits:** 3**ELEG 412: Advanced Digital Systems****Credits:** 3**ELEG 417: Microprocessor Applications****Credits:** 3**ELEG 418: Power Electronics I****Credits:** 3**ELEG 453: Communications Theory****Credits:** 3

## ENGW - ENGW

**ENGW 009: Tech Writing Pre-Professional****Credits:** 3**ENGW 101: Rhetoric, Inquiry & Crit Wrtg**

This course fulfills the first semester writing course requirement for First-Year Writing. This course introduces students to rhetoric as a critical approach to writing, in addition to specific principles and conventions of expository writing. English Writing 101 stresses critical thinking, the exploration of ideas, and provides instruction in organization, grammatical correctness, and encourages discussion of contemporary issues through writing. NOTE: Upon completion of this course students should register for ENGW 103. Successful completion of this First Year Writing course requires a grade of or higher.

**Credits:** 3**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills**ENGW 102: Expository Wrtg & Literacy Stu**

The first course of the two-semester required writing course requirement for First-Year Writing. This course introduces students to rhetoric as a critical approach to writing, in addition to specific principles and conventions of expository writing. English Writing 102 stresses critical thinking, the exploration of ideas, and the development of voice in writing. Students will be expected to engage in discussion of contemporary issues through class discussion and their writing. NOTE: Upon completion of this course students should register for ENGW 103. Successful completion of this First Year Writing course requires a grade of or higher

**Credits:** 3**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills



### **ENGW 104: Writing, Literacy & Discourse**

The first course of the two-semester required writing course requirement for First-Year Writing with an emphasis on Writing Studies. This course introduces students to the field of Writing Studies, an area of study that focuses on the production, circulation, and values of academic and other forms of writing. English Writing 104 emphasizes examination of theories about writing, as well as a deep understanding of the writing process and certain forms of professional writing. Students will be expected to engage in discussion of contemporary issues and to develop a digital portfolio as a capstone project for the course. NOTE: Upon completion of this course students should register for ENGW 105. NOTE: Successful completion of this First Year Writing course requires a grade of or higher.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

### **ENGW 105: Reflect. Wrting Portf- MAJORS**

This second course of a two-semester required writing course requirement for First-Year Writing. This course builds on the study of writing begun in ENGW 104 and introduces students to the habits of mind employed by season writers of all professions. Additionally, this course emphasizes the conventions of academic research and stresses the self-examination and the exploration of professional writing conventions as well as the philosophy of writing. Students will be expected to engage in discussion of contemporary issues through class discussion and to develop a digital portfolio as a capstone project for the course. Prerequisite: Successful completion of ENGW 104 with a grade of or higher. NOTE: Successful completion of this First Year Writing course requires a grade of or higher.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

## **ESOL - ESOL**

### **ESOL 001: English Second Language I**

Introduces beginning level English-language instruction for speakers of other languages. Developmental practice in all language skills: grammar, vocabulary, listening, speaking, reading, and writing. Prerequisite: Departmental approval

**Credits:** 3

### **ESOL 002: Writing Across Disciplines**

Introduces students to strategies for reading and writing interdisciplinary papers. Through a variety of short readings, students will learn to work through jargon-laden texts and gain confidence in their ability to read academic papers. Prerequisites: Departmental approval

**Credits:** 3

### **ESOL 003: Adv English as Second Language**

Develops intermediate social and pre-academic listening and speaking skills through situational activities. Students will express ideas and opinions in small groups and learn to understand and react appropriately. Introduces note-taking skills and comprehension of academically oriented materials. Pronunciation and listening discrimination skills are built upon and refined. Prerequisites: Departmental approval

**Credits:** 3

**ESOL 004: English Second Language II**

Improves English language skills acquired in level 1. Sharpens techniques for better pronunciation.

Prerequisites: Departmental approval

**Credits:** 3

**ESOL 005: English Second Language III**

Strengthens and solidifies English oral skills acquired in lower level while expanding vocabulary and written proficiency. Prerequisites: Departmental approval

**Credits:** 3

**ESOL 006: English Second Language IV**

Reinforces more advanced social and academic listening and speaking skills through situational activities. Students express ideas and opinions and continue to learn to understand and react appropriately.

Prerequisite: ESOL 5

**Credits:** 3

**ESOL 007: Writing Across Disciplines II**

Trains students on how to use writing as a way to communicate in English language as well as other disciplines.

Prerequisites: Departmental approval

**Credits:** 3

**ESOL 008: Writing Across Disciplines III**

Focuses on advanced training in using written skills to master the nuances of the target language.

Prerequisites: Departmental approval

**Credits:** 3

**ESOL 009: Writing Across Disciplines IV**

Expands the usage of specific types of writing ( persona, academic or professional), in various disciplines.

Prerequisites: Departmental approval.

**Credits:** 3

## HONR - HONR

**HONR 080: Honors Humanities Seminars**

**Credits:** 3

## HUDE - HUDE

**HUDE 118: Psych of Infancy Chld & Adol**

**Credits:** 3

## HUMA - HUMA

**HUMA 079: General Literature Honors**

Focuses on reading and discussion of selected texts in literature, philosophy, and religion.

**Credits:** 3

**HUMA 080: General Literature Honors**

Focuses on reading and discussion of selected texts in literature, philosophy, and religion.

**Credits:** 3

### **HUMA 101: Literature in Revolution**

This course explores the various ways in which selected contemporary authors from literary traditions have represented the environment and imagined the relationship of human beings to nonhuman nature. The course will focus on works by authors from various cultural, racial, and ethnic backgrounds. Genres will include poetry, prose fiction, essay, and film.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **HUMA 107: Women in Literature**

This course is an introduction to representative works by and about women from historical, social, and literary perspectives. By the end of the course, students should be able to demonstrate knowledge of the texts, the authors and literary and social movements that produced them, and how women's views of themselves and their community are reflected in their writing.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

### **HUMA 111: Classic Films in English**

Acquaints students with classic works of American cinema, the historical eras they depict, and their importance in the history of film.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

## **IDSD - IDSD**

### **IDSD 110: Women, Gender & Sexualities**

**Credits:** 3

### **IDSD 111: Black Feminist Theory**

**Credits:** 3

### **IDSD 121: Intr to Blk LGBTQ: Top. in Lit**

Investigates the social and historical meanings of racial, gender, and sexual identities of Blacks and their relationship to contemporary lesbian, bisexual, gay, and transgender communities

**Credits:** 3

### **IDSD 122: Black Queer Politics**

**Credits:** 3

### **IDSD 140: Intro to Social Justice**

This is the gateway course to Howards proposed Social Justice Studies certificate. It is, therefore, a prerequisite to enroll in other certificate courses.

**Credits:** 1

**IDSD 141: What's Justice to Blacks**

Since the inception of the United States of America, Black Americans have been subject to all manner of social injustice. These facts are well known. In this course, we will think about what justice looks like for Black Americans. In doing so, we will consider general questions about social justice, the nature of racism in America, and tools that may be used to combat the effects of racial discrimination.

**Credits:** 1

**IDSD 143: Critical Race Theory**

**Credits:** 1

**IDSD 146: History of the War on Drugs**

**Credits:** 1

**IDSD 147: Policing and Racial Justice**

**Credits:** 1

**IDSD 149: Child. of Incarcerated Parents**

**Credits:** 1

**IDSD 150: Black Freedom & Convict Slav**

**Credits:** 1

**IDSD 151: Crime & justice Behind**

**Credits:** 1

**IDSD 153: School to Prison Pipelin**

**Credits:** 1

**IDSD 154: Social Movement Theory**

This course examines how various forms of collective behavior (e.g., fads, panics, riots, and social movements) emerge. We approach this question using theoretical and analytic tools developed in diverse fields of social science, including sociology (social movements, organizational behavior, social networks). The course will provide an overview of social movements and demonstrate the vital role they play in bringing forth social change and equality, particularly in the U.S. A sociological approach will be used to gain a deeper critical understanding of the development and characteristics of social movements and when, how, and why people engage them. Collective behavior is behavior in which the usual social conventions and norms no longer guide social action and people bypass established institutional patterns to form new norms spontaneously. This course will specifically focus on the collective behaviors, collective actions, within social movements such as the Civil Rights to LGBT movement to Black Lives Matter movements

**Credits:** 1

**IDSD 155: A Hip Hop Convo on Race**

**Credits:** 1

**IDSD 156: Human Rights in US Politics**

**Credits:** 1

**IDSD 160: Woke Poetry**

**Credits:** 1

**IDSD 161: Rhetorics of Resistance**

**Credits:** 1

**IDSD 162: Art As Activism**

**Credits:** 1

**IDSD 180: Global Climate Change****Credits:** 4**IDSD 183: Weather & Climate****Credits:** 3**IDSD 190: Independent Studies A**

Faculty supervise and guide individual students directed readings, study and/or research in their areas of shared interests.

**Credits:** 1-6**IDSD 191: Independent Studies B**

Faculty supervise and guide individual students directed readings, study and/or research in their areas of shared interests.

**Credits:** 1-6**IDSD 192: Independent Studies C**

Faculty supervise and guide individual students directed readings, study and/or research in their areas of shared interests.

**Credits:** 1-6

## MUTG - MUTG

**MUTG 011: Marching Band I**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1**Prerequisites:**

Audition required

**MUTG 012: Marching Band II**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1**Prerequisites:**

Audition required

**MUTG 021: Marching Band III**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1**Prerequisites:**

Audition required

**MUTG 022: Marching Band IV**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1

**Prerequisites:**

Audition required

**MUTG 031: Marching Band V**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1

**Prerequisites:**

Audition required

**MUTG 032: Marching Band VI**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1

**Prerequisites:**

Audition required

**MUTG 041: Marching Band VII**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1

**Prerequisites:**

Audition required

**MUTG 042: Marching Band VIII**

Performance of music for athletic contests and half-time shows at football games, various parades, pep rallies, etc. Membership open to all Howard University students. Instrumentalists of all skill levels rehearse and perform music in a collaborative ensemble setting.

**Credits:** 1

**Prerequisites:**

Audition required

## MUTK - MUTK

**MUTK 021: Women's Chorus**

Performance Vocal Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. The ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTK 031: Women's Chorus**

Performance Vocal Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. The ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation MUTK 021

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTK 041: Women's Chorus**

Performance Vocal Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. The ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation MUTK 021

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTK 051: Women's Chorus**

Performance Vocal Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. The ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation MUTK 021

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTK 061: Women's Chorus**

Performance Vocal Ensemble: Developing vocal technique, musicianship skills, and ensemble performance in women's voices. Learn a variety of choral pieces in different styles and genres. Work on stage presence, posture, and expression to enhance the overall performance quality. The ensemble is open to all Howard University students.

**Credits:** 1

**Prerequisites:**

Audition required; Continuation MUTK 021

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## MUTV - MUTV

**MUTV 111: Jazz Vocal Workshop I**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition

**MUTV 112: Jazz Vocal Workshop II**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition

**MUTV 121: Jazz Vocal Workshop III**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition

**MUTV 122: Jazz Vocal Workshop IV**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition

**MUTV 131: Jazz Vocal V**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition

**MUTV 132: Jazz Vocal Workshop VI**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition

**MUTV 141: Jazz Vocal Workshop VII**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition

**MUTV 142: Jazz Vocal Workshop VIII**

Performance Vocal Ensemble: Exploring the vocal instrument in a jazz context. Developing voice fundamentals including: improving breath control and support, jazz phrasing and projection.

**Credits:** 1

**Prerequisites:**

Audition



# MUTW - MUTW

## **MUTW 101: Jazz Voice Instruction I**

Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Audition required. (Music Minors)

**Credits:** 1

**Prerequisites:**

Audition

## **MUTW 102: Jazz Voice Instruction II**

Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Audition required. (Music Minors)

**Credits:** 1

**Prerequisites:**

Audition

## **MUTW 103: Jazz Voice Instruction III**

Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Audition required. (Music Minors)

**Credits:** 1

**Prerequisites:**

Audition

## **MUTW 104: Jazz Voice Instruction IV**

Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Audition required. (Music Minors)

**Credits:** 1

**Prerequisites:**

Audition

## **MUTW 111: Voice for Jazz Studies I**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:

**Credits:** 2

**Prerequisites:**

Music Majors only.

## **MUTW 112: Voice for Jazz Studies II**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:

**Credits:** 2

## **MUTW 121: Voice for Jazz Studies III**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:

**Credits:** 2

**MUTW 122: Voice for Jazz Studies IV**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:  
**Credits: 2**

**MUTW 131: Voice for Jazz Studies V**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:  
**Credits: 2**

**MUTW 132: Voice for Jazz Studies VI**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:  
**Credits: 2**

**MUTW 141: Voice for Jazz Studies VII**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:  
**Credits: 2**

**MUTW 142: Voice for Jazz Studies VIII**

Study jazz voice in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Techniques of breathing, tone development, and vocal styles as they relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction:  
**Credits: 2**

## MUTX - MUTX

**MUTX 111: Jazz Piano I**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques.  
**Credits: 2**

**MUTX 112: Jazz Piano II**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques.  
**Credits: 2**

**MUTX 121: Jazz Piano III**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques.  
**Credits: 2**

**MUTX 122: Jazz Piano IV**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques.

**Credits:** 2

**MUTX 131: Jazz Piano V**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques. Includes advanced jazz piano techniques.

**Credits:** 2

**Prerequisites:**

MUTX-121, 122.

**MUTX 132: Jazz Piano VI**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques. Includes advanced jazz piano techniques.

**Credits:** 2

**MUTX 141: Jazz Piano VII**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques. Includes advanced jazz piano techniques.

**Credits:** 2

**MUTX 142: Jazz Piano VIII**

Study jazz piano in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student. Explore various techniques that relate to the jazz idiom; development of the standard jazz repertoire. Individual Instruction: Comprehensive course for advanced pianists encompassing varied jazz styles and techniques. Includes advanced jazz piano techniques.

**Credits:** 2

## MUTZ - MUTZ

**MUTZ 111: Jazz Bass Workshop I**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 2

**MUTZ 112: Jazz Bass Workshop II**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 2

**MUTZ 121: Jazz Bass Workshop III**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 2

**MUTZ 122: Jazz Bass Workshop IV**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 2

**MUTZ 131: Jazz Bass Workshop V**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 2

**MUTZ 132: Jazz bass Workshop VI**

Individual Instruction: Study jazz string bass in private sessions to develop individual technique, intonation, sound production, etc. Course content is specific to the technical abilities of the student.

**Credits:** 2

## NAHS - NAHS

**NAHS 140: Human Growth & Development**

Not our course

**Credits:** 3

**NAHS 171: Anatomy and Phys I**

Not our course

**Credits:** 4

**NAHS 172: Anatomy and Physiology II**

Not our course

**Credits:** 4

**NAHS 173: Antatomy and Phys. I**

disease management with nutrition are explored

**Credits:** 1

**NAHS 174: Antatomy and Phys I**

Not our course

**Credits:** 1

**NAHS 180: The Family**

Explores the significance of family beyond personal experience. Emphasis is placed on characteristics of marriage, family, & kinship systems and theoretical approaches to family which include race and ethnic variations.

**Credits:** 3

**NAHS 300: Clinical & Res Lab Tech**

Not our course

**Credits:** 3

**NAHS 301: Clinical and Research Skills**

Not our course

**Credits: 3**

**NAHS 468: Global Health & Int Serv Exp**

Not our course

**Credits: 3**

## OCCG - OCCG

**OCCG 513: Clinical Neuroscience Lec/Lab**

**Credits: 3**

**OCCG 514: Principles of Disease**

**Credits: 3**

## OCCP - OCCP

**OCCP 301: Human Growth & Development I**

**Credits: 3**

**OCCP 302: Human Growth & Development II**

**Credits: 3**

**OCCP 304: Neurosciences**

**Credits: 4**

**OCCP 305: Community Practicum-Seminar I**

**Credits: 1**

**OCCP 306: Community Practicum-Seminar**

**Credits: 1**

**OCCP 307: Psychiatric Theories**

**Credits: 3**

**OCCP 308: Therapeutic Techniques I**

**Credits: 3**

**OCCP 309: Therapeutic Techniques II**

**Credits: 2**

**OCCP 310: Theo Occp Dev & Perform I**

**Credits: 3**

**OCCP 311: Theo Occp Dev & Perform II**

**Credits: 3**

**OCCP 316: Principles of Disease**

**Credits: 3**

**OCCP 317: Health Care**

**Credits: 3**

**OCCP 321: Kinesiology**

**Credits:** 4

**OCCP 411: Theo Occp Dev & Perform III**

**Credits:** 4

**OCCP 412: Theo Occp Dev & Perform IV**

**Credits:** 4

**OCCP 413: Clin Preceptorship Fieldwork I**

**Credits:** 1

**OCCP 414: Health Systems Management**

**Credits:** 3

**OCCP 415: Therapeutic Techniques III**

**Credits:** 4

**OCCP 416: Field Experience II**

**Credits:** 12

**OCCP 417: Field Experience I**

**Credits:** 12

**OCCP 418: Research**

**Credits:** 2

**OCCP 423: Child Health Issues**

This course focuses on biological, social, emotional, cultural and environmental factors in infancy and childhood. The course is designed for the potential allied health care professional. Topics of chronic disease and disability in childhood are also explored.

**Credits:** 3

**OCCP 424: Introduction to OT**

This course explores the historical background and practice of occupational therapy as a career through interactive readings, lectures, and guided problem-solving experiences. Students will learn about the profession of occupational therapy as part of the health care team.

**Credits:** 3

## **PHED - PHED**

**PHED 001: Water Safety Instructor**

**Credits:** 3

**PHED 002: Beginning Swimming**

**Credits:** 3

**PHED 004: Intermediate Swimming**

**Credits:** 1

**PHED 006: Life Guarding**

**Credits:** 1

**PHED 007: Volleyball**

**Credits:** 1

**PHED 009: Slimnastics**

**Credits: 1**

**PHED 011: Weight Training**

**Credits: 1**

**PHED 013: Slimnastics II**

**Credits: 1**

**PHED 016: Elementary Tae Kwon Do**

**Credits: 1**

**PHED 017: Interm-Advanced Tae Kwon Do**

**Credits: 1**

**PHED 021: Badminton**

**Credits: 1**

**PHED 026: Beginning Tennis**

**Credits: 1**

**PHED 027: Intermediate Tennis**

**Credits: 1**

**PHED 030: Athletic Coaching**

**Credits: 0-3**

**PHED 038: IS: Restrictive Activities**

**Credits: 1**

**PHED 055: Fitness I**

**Credits: 1**

**PHED 056: Fitness II (ROTC)**

**Credits: 1**

**PHED 057: Aerobic Dance Fitness**

**Credits: 1**

**PHED 058: Water Aerobics**

**Credits: 1**

**PHED 102: Human Anatomy (Majors Only)**

**Credits: 3**

**PHED 103: Physiology**

**Credits: 3**

**PHED 108: Human Anatomy Lab**

**Credits: 1**

**PHED 112: First Aid & CPR**

**Credits: 3**

**PHED 118: Athletic Training I**

**Credits: 3**

**PHED 125: Independent Study**

**Credits: 1-3**

**PHED 130: Exercise Physiology II**  
**Credits: 3**

**PHED 135: Sports Psychology**  
**Credits: 3**

**PHED 140: Human Growth & Development**  
**Credits: 3**

**PHED 144: Sports Law**  
**Credits: 3**

**PHED 145: Sports Marketing**  
**Credits: 3**

**PHED 147: Sports & Media**  
**Credits: 3**

**PHED 153: Human Sexuality**  
**Credits: 3**

**PHED 159: Health Science**  
**Credits: 1**

**PHED 160: Women's Health**  
**Credits: 1**

**PHED 161: Crisis Health**  
**Credits: 1**

**PHED 162: Men's Health**  
**Credits: 1**

**PHED 175: Controlling Stress & Tension**  
**Credits: 1**

**PHED 280: Sociology of Leisure**  
**Credits: 3**

**PHED 706: Hist & Philosophy of PE- Writ**  
**Credits: 3**

**PHED 717: Sociology of Sport-Writing**  
**Credits: 3**

**PHED 746: Ethics & Issues in Sport**  
**Credits: 3**

**PHED 753: Human Sexuality Writing**  
**Credits: 3**

**PHED 755: Addictive Behavior -Wrtg**  
**Credits: 3**



## REEH - REEH

### **REEH 100: Prin & Pract of Real Estate**

Explore the principles underlying the acquisition, use and disposition of real property, the institutional framework for land use decisions, and the roles of various parties involved in real estate transactions. Explore real estate legal and regulatory perspective, brokerage, valuation, property management, financial and investment analysis, and land use economics. Analyze real estate projects in a decision-making setting and foster the integration of the concepts and precepts learned with given problem situations in the field.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312; B-School Major/Minor

### **REEH 386: IS:Real Estate Research & Anal**

Expose students to the research craft in Real Estate and Urban Land Economics. Stimulate them to engage in applied research, policy analysis, and business strategy formulation for land, space and capital markets. Develop a flair for bringing this knowledge to bear in the business environment as well as the public square at large.

**Credits:** 3

**Prerequisites:**

REEH 100; B-School Major/Minor

## SCHM - SCHM

### **SCHM 211: Introduction to Logistics**

Examines logistics and supply chain management by taking a total system approach to the management of all activities involved in physically moving and storing raw materials, inventory, and finished goods inventory from point of origin to point of use or consumption.

**Credits:** 3

**Prerequisites:**

ECON 180; INFO 204; MATH 026/156 (C); Junior; B-School Major/Minor

### **SCHM 300: Supply Chain Co-op**

Provides three opportunities for investigating targeted emerging trends in supply chain innovation and sustainability. Students will develop independent research, participate in team research and interview Chief Procurement Officers/VP Executives at Fortune 500 companies to develop problem-solving ideas.

**Credits:** 3

**Prerequisites:**

SCHM 340 (C); Junior; B-School Major/Minor

### **SCHM 340: Procurement**

Discusses the opportunities and challenges surrounding acquiring the right product or service in the right quantity with the right quality from the right source at the right time for the right price. It provides an introduction and overview of the procurement process and its role in commercial enterprises

**Credits:** 3

**Prerequisites:**

ECON 180; INFO 204; MATH 026/156 (C); Junior; B-School Major/Minor

**SCHM 341: Quality & Reliability Mgmt**

Prepares students to examine Total Quality and Reliability Management, quality processes deployment, continuous improvement and various approaches to quality design of processes and products. Additionally, concurrent product development and the integration of quality, quality analysis tools, statistical process controls, process capability studies, supplier quality assurance approaches, ISO 9000 series, and quality as a business strategy are also examined in this course. Elements of Lean Management are also covered in context to the entire supply chain. This includes identifying opportunities to implement lean operations and processes in a global supply chain. Six Sigma processes are also covered in this course which prepares students to take the certification test upon completion of this course. This course is taken by Supply Chain Management seniors during the spring semester.

**Credits:** 3

**Prerequisites:**

INFO 335 (C); Junior; B-School Major/Minor

**SCHM 360: Negotiations Fundamentals**

Negotiations are important in the context of acquiring goods and services and is used in many other aspects of professional and personal life. The ability to negotiate successfully is essential for business success, such as in negotiating with suppliers, customers and employees over a wide range of issues. This course focuses on improving the negotiation skills of each student.

**Credits:** 3

**Prerequisites:**

INFO 204; MATH 026/156 (C); Junior; B-School Major/Minor

**SCHM 375: Sem. IT in Supply Chain Mgmt.**

Provides an overview, insights and importance of information technology applications/tools in support of supply chain management activities. It covers areas such as technology driven supply chain evolution, customer and service management, manufacturing planning, supplier management relationships, logistics networks and optimization and SCM technology strategies. Current innovations in information technology are incorporated into the course and emerging challenges/issues are highlighted to provide students with an understanding of the use and importance of information technology in supply chain management. The course uses IT and supply chain websites, articles, white papers, relevant cases and current news (e.g., Wall Street Journal) throughout course discussions. Guest speakers make presentations that provide insight on current topics and general global supply chain technology issues.

**Credits:** 3

**Prerequisites:**

INFO 204; Junior; B-School Major/Minor

**SCHM 390: Supply Chain Integration**

The Supply Chain Management Integration (Capstone) course encompasses all supply chain components from suppliers through manufacturing and ultimately to the customer/end user. This course examines the key supply chain components ranging from Demand Management (SIOP), Materials Management / Procurement, Fulfillment/Logistics Management, Conversion/ Manufacturing Management, Information and Financial Management plus Risk Management and Sustainability to identify the important links and interdependencies between components.

**Credits:** 3

**Prerequisites:**

SCHM 211 (C); SCHM 340 (C); Senior; B-School Major/Minor

## SMLI - SMLI

### **SMLI 001: Somali I**

Provides an introduction to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course. No prerequisite.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **SMLI 002: Somali II**

Reinforces the range of skills practiced in Somali 001, while focusing on expanding the student's vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Somali 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: Somali 1 or placement by instructor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **SMLI 003: Somali III**

Enhances speaking, listening, reading, and writing in Somali. Cultural activities are included to allow students to appreciate cultural nuances in the target language. Prerequisite: Somali II or placement by instructor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **SMLI 004: Somali IV**

Expands the development of audiolingual skills, with reading and oral discussion. Includes an introduction to culture. Prerequisite: Somali 003 or the equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## THSV - THSV

### **THSV 010: Introduction to Theatre**

Learn broadly about the interdisciplinary field of theatre.

**Credits:** 3

## Yes - Yes

### **Yes : Pers Wrting & Resrch-THEME**

The second course of the two-semester required writing course requirement for First-Year Writing. This course builds on the study of rhetoric begun in ENGW 101 or 102, and introduces students to argumentation and persuasive writing techniques, in addition to the conventions of academic research. English Writing 103 stresses the examination of counter-arguments, the exploration of primary and secondary sources, and familiarity with academic style conventions. Students will be expected to engage in discussion of contemporary issues through class discussion and their writing. Prerequisite: Successful completion of ENGW 101 or 102 with a grade of or higher. Note: Successful completion of this First Year Writing course requires a grade of or higher.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**Yes : World Geography**

Gives context for other intensive studies of the earth's regions, climate, soils, vegetation, population, and economic and political factors.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

## YORU - YORU

**YORU 001: Yoruba I**

Introduces the basic Yoruba language skills (speaking, listening, reading and writing). A proficiency- oriented approach is used in the course.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**YORU 002: Yoruba II**

Reinforces the range of skills practiced in Yoruba 001, while focusing on expanding the student's vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Yoruba 001. Students are prepared to handle real situations in foreign culture. Prerequisite: Yoruba 1 or placement by instructor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**YORU 003: Yoruba III**

Enhances speaking, listening, reading, and writing skills in Yoruba. Cultural activities are included to anle student funtion both culturally and linguistically. Credits: 3 Prerequisites: YORU 002 or equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**YORU 004: Yoruba IV**

Builds on the intermediate I level course designed to further enhance speaking, listening, reading, and writing in Yoruba. Cultural activities are included. Credits: 3 Prerequisites: YORU 003 or equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**YORU 014: Intro. to Humanities**

Enhances understanding of great and enduring themes of humanistic inquiry. Literary and philosophical works of major historical significance are explored. Prerequisites: None

**Credits:** 3

**YORU 015: Intro to Humanities**

Examines the relationship of the self to the other, with all its attendant considerations, and concentrate on generic distinctions between comedy and tragedy in drama, autobiography, and fiction. Prerequisites: Humanities I or Intsructor's permission.

**Credits:** 3

**YORU 190: Independent Study**

Focuses on research of a specific topic under a professor's guidance

**Credits:** 3

# ZULU - ZULU

## **ZULU 001: Zulu I**

Introduces students to the basic language skills (speaking, listening, reading and writing). A proficiency-oriented approach is used in the course. No prerequisites.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **ZULU 002: Zulu II**

Reinforces the range of skills practiced in Zulu 001, while focusing on expanding the student's vocabulary and fluency. The emphasis is on active participation as a means of expanding speaking, listening, reading and writing skills introduced in Yoruba 001. Students are prepared to handle real situations in foreign culture. Prerequisite: Zulu 1 or placement by instructor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **ZULU 003: Zulu III**

Enhances speaking, listening, reading, and writing in Zulu. Cultural activities are included. Credits: 3  
Prerequisites: ZULU 002 or equivalent.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **ZULU 004: Zulu IV**

Expands and strengthens speaking, listening, reading, and writing skills in Zulu. Cultural activities are included. Credits: 3  
Prerequisites: ZULU 003 or equivalent

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **ZULU 013: Interm Zulu III & IV**

Introduces basic language idioms and vocabulary. An intensive course that combines two levels of intermediate Zulu with emphasis on reading and writing in the target language. Prerequisites: Zulu 002.

**Credits:** 6

## **ZULU 040: Intensive Grammar Review**

Focuses on a thorough review and practice of major structural elements of Zulu language. Prerequisite: Zulu 004

**Credits:** 3

## **ZULU 190: Independent Study**

Focuses on a specific body of material with professor's supervision and guidance. Prerequisite: Instructor's permission.

**Credits:** 3

# College of Nursing & Allied Health Sciences

The College of Nursing and Allied Health Sciences will be comprised of top-ranked educational programs that prepare healthcare professionals to be leaders and innovators in practice, education, research, and service. Graduates will deliver patient-centered, interprofessional care, and utilize cutting-edge technology and evidence-based practice to improve the health of all people with an emphasis on promoting health equity toward eliminating health disparities.

The mission of the College of Nursing and Allied Health Sciences is to provide exemplary educational experiences within the health professions to an ethnically diverse population of students with high scholarship and leadership potential. Emphasis is placed on the University's historical commitment to provide educational opportunities to Black students and other underserved minority groups. The College fosters the development of competent, ethical, and compassionate graduates endowed with a strong sense of the University's core values of excellence, leadership, truth, and service. As scholars and leaders, graduates are empowered to address issues of social justice and inequities in health care in the United States and the global community, inclusive of the underserved. The College is committed to recruiting and retaining a cadre of qualified and competent faculty and staff dedicated to teaching, research, professional practice, and service.

## **DIVISIONS & DEPARTMENTS**

**CLINICAL LAB SCIENCE**

**HEALTH MANAGEMENT**

**NURSING**

**NUTRITIONAL SCIENCES**

**OCCUPATIONAL THERAPY**

**PHYSICAL THERAPY**

## **UNDERGRADUATE MAJORS, PROGRAMS, & CONCENTRATIONS**

**Clinical Laboratory Science**

**Health Management**

**Nursing**

**Nutritional Sciences**

**Radiation Therapy**

**Elective - HLMN (3crs): Elective (Courses under subject code HLMN)**

**Credits: 3-0**

# CLLS - Clinical Laboratory Sciences

Clinical laboratory scientists provide rapid access to laboratory test results that are critical for the diagnostic and treatment decisions necessary for the delivery of quality healthcare. A degree in Clinical Laboratory Science prepares graduates for employment opportunities in clinical, veterinary, and forensic laboratories; biotechnology and pharmaceutical industries; management, marketing, and biomedical sales. Clinical Laboratory Scientists (Medical Technologists), including graduates of Howard University, are employed nationally in the following settings:

- Hospital Laboratories
- Physician Office Laboratories
- Food and Drug Administration (FDA)
- Centers for Disease Control and Prevention
- Public Health Laboratories
- The National Institutes of Health (NIH)
- The Red Cross
- Bioterrorism Laboratories
- Traveling Technologists

Clinical Laboratory Science is also an excellent alternative to degrees in biology and chemistry for those students who plan to pursue post-graduate studies in Medicine, Dentistry, Biomedical Sciences or Public Health.

The program at Howard University is a fully accredited (NAACLS) four year BS degree program. The curriculum includes science and general education courses in Biology, Chemistry, Mathematics, English, and the Social /Behavioral Sciences taken at the freshman and sophomore level. These courses can be also transferred from accredited universities or community colleges.

Specialized Clinical Laboratory Science courses taken during the program are taught by experienced nationally certified faculty. In the final year of the program, students complete their clinical practicums at accredited clinical laboratories in the Washington, DC – Metropolitan area. Graduates of the program are eligible to sit for national certification examinations.

## **Department of Clinical Laboratory Science Goals:**

- Provide an educational experience of the highest standard in clinical laboratory science
- Prepare highly skilled laboratory scientists who are committed to lifelong learning and eminently capable of contributing to the delivery of quality health care
- Instill values of professional responsibility, ethical conduct and compassionate concern for those we serve.

## **Accreditation**

The Clinical Laboratory Sciences Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont , IL 60018-5119, 847.939.3597, [www.naacls.org](http://www.naacls.org).

**CLLS 101: Intro Clinical Lab Science**

History, professional organizations, educational and occupational opportunities, and ethics of clinical Laboratory science

**Credits:** 2

**Prerequisites:**

NONE

**CLLS 300: Basic Clinical Lab Techniques**

Introduces students to laboratory techniques used in the various areas of the clinical laboratory. The course will expose students to the basic techniques, principles and practices used in clinical and research laboratories. Students will develop an appreciation of the impact of laboratory skills in achieving accurate and precision on the outcome of laboratory results.

**Credits:** 2

**Prerequisites:**

NONE

**CLLS 303: Clinical Hematology I**

Lectures and simulated laboratory course designed to provide information on the basic hematology concepts, and current hematology laboratory techniques and procedures

**Credits:** 4

**Prerequisites:**

BIOL 220 AND PHYSIOLOGY

**CLLS 305: Clinical Biochemistry & Instrumentation**

Lecture and laboratory course focused on human biochemistry, basic physics concepts and operation of laboratory instrumentation. Students will learn to diagnose simple instrument malfunctions and the rationale for troubleshooting.

**Credits:** 4

**Prerequisites:**

A GRADE OF C OR ABOVE IN PHYSIOLOGY, GENETICS &BIOL 220.

**CLLS 307: Clinical Immunology**

Lectures and laboratory course on theory, principles, and procedures of immunology. The course will provide students with the knowledge and principles of immunology, the application of these principles to diagnostic immunology, serological testing and exposure to current developments in the field (Formerly CLLS 709)

**Credits:** 4

**Prerequisites:**

BIOL 220 AND PHYSIOLOGY

**CLLS 308: Clin Diagnostic Microbiology I**

Lectures and simulated laboratory with emphasis on the general characteristics and procedures for identification of the various groups of bacteria of medical significance.

**Credits:** 5

**Prerequisites:**

BIOL 220 AND PHYSIOLOGY

**CLLS 309: Clinical Biochemistry & Instrumentation**

Lecture and laboratory course focused on human biochemistry, basic physics concepts and operation of laboratory instrumentation. Students will learn to diagnose simple instrument malfunctions and the rationale for troubleshooting.

**Credits:** 4

**Prerequisites:**

PHYSIOLOGY and ORGANIC CHEMISTRY



**CLLS 310: Clinical Chemistry II**

Lectures and student laboratory course focused on biochemistry profile of disease and the laboratory analytical findings in blood and other body fluids.

**Credits:** 4

**Prerequisites:**

CLLS 309 Clinical Biochemistry & Instrumentation

**CLLS 312: OSHA Seminar**

Course designed to increase Occupational Safety and health standards; includes overview of OSHA and hazard - specific awareness

**Credits:** 1

**CLLS 321: Junior Recitation**

Opportunities for students to engage in small groups

**Credits:** 0

**CLLS 400: Molecular Diagnostics**

Course incorporates the theoretical principles of molecular technology and the use of nucleic acids (DNA & RNA) to provide clinical diagnostic information

**Credits:** 3

**Prerequisites:**

CHEM 141 ORGANIC CHEMISTRY

**CLLS 403: Clinical Hematology II**

Lectures and laboratory in hematological blood diseases, hemostasis and leukemia cytochemistry

**Credits:** 4

**Prerequisites:**

CLLS 303 -Clinical Hematology I

**CLLS 404: Hematology/Urinalysis Practicum**

Clinical laboratory experience in hematology and urinalysis to increase proficiency in performance of procedures; learn routine, special and automated procedures and for exposure to patient/technologist relationships

**Credits:** 4

**Prerequisites:**

CLLS 303 and CLLS 403

**CLLS 406: Microbiology Practicum**

Clinical laboratory experience in microbiology laboratory to increase proficiency in performance of procedure; learn routine, special and automated procedures and for exposure to patient/technologist relationships. Laboratory.

**Credits:** 5

**Prerequisites:**

CLLS 308 and CLLS 416

**CLLS 408: Chemistry Practicum**

Clinical laboratory experience in the chemistry laboratory to increase proficiency in the performance of procedures; learn routine, special and automated procedures and for exposure to patient/technologist relationships

**Credits:** 4

**Prerequisites:**

CLLS 309 and CLLS 310

**CLLS 409: Immunohematology**

Lectures and student laboratory sessions on advanced immunological studies and transfusion medicine including blood grouping, blood transfusion, leukocyte antigen typing, hepatitis associated antigens, and blood components

**Credits:** 4

**Prerequisites:**

CLLS 307 - Clinical Immunology

**CLLS 411: Immunohematology Practicum**

Clinical laboratory experiences in Blood Banking and Transfusion laboratory to increase proficiency in performance of procedures, to learn routine, special and automated procedures and for exposure to patient/technologist relationships

**Credits:** 4

**Prerequisites:**

CLLS 307 and CLLS 409

**CLLS 415: Clinical Urinalysis and Body Fluids**

Lectures and laboratory course designed to give theoretical knowledge, and technical skills needed for the analysis of non-blood body fluids such as urine, spinal fluid, etc. and laboratory detection methods used in evaluating renal function and other diseases

**Credits:** 3

**Prerequisites:**

BIOL 220 AND PHYSIOLOGY

**CLLS 416: Clinical Diagnostic Microbiology II**

Lectures and simulated laboratory course with emphasis on the examination of clinical specimens; the isolation and the identification of organisms commonly encountered in humans.

**Credits:** 5

**Prerequisites:**

CLLS 308 - Clinical Diagnostic Microbiology I

**CLLS 418: Clin Lab Mgmt Decision Making**

Lectures and simulated practices are designed to provide principles, theory and procedures of clinical management with emphasis on evaluation of equipment, procedures and personnel relationships. This course uses the case study approach, interaction with industry personnel, medical information and the use of laboratory data to aid in understanding patient diagnosis and disease

**Credits:** 2

**Prerequisites:**

completion of all junior CLS courses. SENIOR CLS Students must be senior enrolled in clinical practicums

**CLLS 423: Senior Recitation**

Students plan and carry out learning activities under the guidance of an instructor. Students work independently.

**Credits:** 0

**CLLS 720: Research- WRTG**

This Writing Across the Curriculum (WAC) -approved course is designed to teach clinical laboratory science students the principles of research, research methodologies, design and statistical methods. This course will equip students with the principles of scientific research and the conventions of scientific writing and meets the third writing requirement for the Division of Allied Health Sciences

**Credits:** 3

**Prerequisites:**

ENGL 003 and MATH 009

# HLMN - Health Management Sciences Program

The Health Management Sciences Program is located in the Department of Health Sciences and Management of the Division of Allied Health Sciences, College of Nursing and Allied Health Sciences, Howard University. The program offers the Bachelor of Sciences in Health Science, which is designed to prepare students to perform management roles and achieve lifelong career in a wide variety of organizations that deliver health care services, as well as pursue graduate education nationally and internationally.

## Certification

The Howard University Health Management Sciences Program has full certification and is a full member of the American University Programs in Health Administration (AUPHA). AUPHA is a non-profit organization that accredits and certifies Health Administration Programs located in Schools of Allied Health Sciences and the United States.

## Internship

Students enrolled in the Health Management Sciences Program are expected to complete at least one required semester of internship in an appropriate health care setting. The current required three (3) credit hours of 120 internship clock hours per semester for internship for students enrolled effective Fall 2012 will continue. Additional three (3) credit hours of 120 internship clock hours for subsequently Spring semester each academic year will be offered as elective. The interns of both semesters will be able to rotate for 8 hours per day as divided by the number of semester weeks during which the student is enrolled in the Program. The internship coordinator of Health Management Program, supervisors and preceptors of units and departments will determine the work schedules, hours and regular attendance of the interns at the internship settings.

### **HLMN 102: Hlth Syst & Mgmt I**

Designed as an introduction to the history of the development and growth of Health Services Organizations (HSO) in private and public sectors in the United States. Covers principles of health care delivery and management, leadership coordination, human resources, strategic planning and communication, and quality management in various health care delivery settings.

**Credits:** 3

**Prerequisites:**

MGMT 301, ECON 001&002 and/or Junior/Senior Standing.

### **HLMN 201: Community Health**

Designed for students in allied health, nursing, and health sciences management. Covers the latest trends in public and private health care delivery services, health disparities with focus on underserved urban and rural populations in USA. Enables development of the knowledge and skills necessary for a broad overview of health and healthcare education. Enables ongoing development and competency in quality assessment and improvement of patient care in community health settings.

**Credits:** 3

**Prerequisites:**

HLMN 102, HLMN /AHCC 202, MATH 009. AHCC 003 or major in Allied Health Sciences and Nursing Professions.

### **HLMN 304: Global Leadership**

Designed to provide a global perspective concerning leadership and management in healthcare organizations. Explores the complex and dynamic nature of healthcare environments, and how changes and trends in healthcare drive collaboration.

**Credits:** 3

**HLMN 305: Health Care Finance**

Designed to establish a fundamental understanding of the healthcare financial management system. The history and conceptual framework of the system are introduced to provide context for understanding financial operations and the business of healthcare. Essential elements of financial management are explored in relation to organizational structure and the healthcare manager's fiscal responsibilities to stakeholders within and beyond the system.

**Credits:** 3

**Prerequisites:**

Prerequisite: ACCT 201

**HLMN 306: Principles of Epidemiology**

Explores applications of epidemiologic methods and procedures to the study of the distribution and determinants of health, diseases, morbidity, injuries, disability, and mortality in populations. Epidemiologic methods for the control of conditions such as infectious and chronic diseases, mental disorders, community and environmental health hazards, and unintentional injuries are discussed. Other topics include quantitative aspects of epidemiology such as data sources, measures of morbidity and mortality, evaluation of association and causality, study design, and screening for disease.

**Credits:** 3

**HLMN 315: Health Informatics**

This course introduces health informatics, the field devoted to the optimal use of data, information, and knowledge to advance individual health, health care, public health, and health-related research. Students will learn the application of informatics skills and knowledge to health-related problems.

**Credits:** 3

**HLMN 375: Geriatric for AH Prof**

Covers geriatrics and long-term care theories and practices. Provides insights concerning the aging process, medical care, and long-term care management services. The course analyzes the status of this cohort within the context of demographic changes and social determinants of health.

**Credits:** 2

**Prerequisites:**

Health Management/Health Science Senior Students Only

**HLMN 400: Health Operations Research**

**Credits:** 3

**HLMN 401: Global Health**

This course will provide you with an overview of the most important health challenges facing the world today. You will gain insight into how challenges have changed over time, we will discuss the likely determinants of such changes and examine future projections. Successful international strategies and programs promoting human health will be highlighted and global health governance structures will be mapped and the role of the key actors explored.

**Credits:** 3

**HLMN 402: Health Management Internship**

Designed as integrative practicum for Senior Health Management Students. Integrative didactic and practical experiences provide the foundation for students to practice management under the supervision of qualified preceptors and Health Management Faculty responsible for providing adequate settings in public and private health services organizations such as health departments, hospitals, acute-care and long-term care facilities, private practices, and various national, state, and local health services organizations.

**Credits:** 3

**Prerequisites:**

HM Seniors Only: Fall Semester - Senior Year

**HLMN 404: Health Policy**

Course covers concepts, tools, and techniques of the health policy process, analysis, and implementation. Provides historical perspectives and strategies in planning, organizing, coordinating, financing, and evaluation of health care nationally and internationally. Employs evidence-based research and literature related to patient rights, private and universal healthcare, Medicare and Medicaid reform, and healthcare legislation to inform domestic and international discussions and debates as applicable.

**Credits:** 3

**Prerequisites:**

Health Management/Health Science Senior Students Only

**HLMN 405: Health Care Finance**

This course is designed for health management major. It covers health care financial management, budgeting and strategic planning. It employs concepts, tools and techniques applicable to health care organizations, policies and financing including affordable patient care act and policies. Special focus will be on financial management private practice, Medicaid, Medicare, Managed Care and Long Term Health, Home Health Care and Health Insurance Exchange Policies and Management. It will also cover the concept of financing private entrepreneurship in health related organizations. The course is designed for students in allied health, nursing, pharmacy, public health, accounting and business administration undergraduate studies.

**Credits:** 3

**Prerequisites:**

ACCT 201, HLMN 102, HLMN 409. MATH 009, MGMT 303 or Equivalent plus Junior/Senior level.

**HLMN 406: Epidemiology and Public Health**

This course is designed to provide professional growth and understanding of public health and health management dynamics using the principles of epidemiology and research theories and methods and their applicability to demographics, rapid assessment techniques, survey analysis, health indicators (mortality and morbidity), risk assessment and control and randomized studies useful for health systems designs including needs assessment, planning, managing, planning and evaluation. Special focus will be on the health, cultural and socio-economic determinants, evidence-based surveys and operational research methods and analysis including case studies that affect health status of minority, access to essential health care, capacity building and health disparities for population in underserved populations.

**Credits:** 3

**Prerequisites:**

HLMN 102, HLMN 201, HLMN 409, INFO 204, NUTR 160, AHCC 003, MATH 009 or Major in Allied Health Sciences and Nursing Equivalent courses as approved by the Departments.

**HLMN 408: Hlth Mgmt Sem (HM stdnts only)**

Designed to demonstrate aptitude in the 5 Health Management Program Competency areas in the form of a final capstone project.

**Credits:** 3

**Prerequisites:**

HM Seniors Only: Spring Semester - Senior Year

### **HLMN 409: Health Systems Management II**

This course is designed to build on the foundation courses offered at the School of Business Management Minor Courses and Health Management Concentration Core Courses in the Department of Health Sciences and Management, College of Nursing and Allied Health Sciences. The course content focuses on prerequisite courses and overviews of health systems theories and practices such as US Health Services Organizations, Management of Health Services Organizations, Governance Structures and functions of HSOs; Communications and Information, Strategic Management of Health Systems, Quality Assurance and Assessment, Decision-Making and Evaluation Measurements. It also focuses on students as learners and participants in group activities as well as other multimedia techniques, project reports and presentations.

**Credits:** 3

#### **Prerequisites:**

MGMT 301, HLMN 102, INFO 204, AHCC 003, AHCC 202 and Junior Standing

### **HLMN 410: Health Economics**

This course provides the core microeconomic theories and concepts needed to understand health and health care issues in both the developed and developing world. It describes how the markets for health and health services are different from other goods, with a particular emphasis on the role of government and market failure. In addition it discusses the theoretical and empirical aspects of key health economics issues, including the demand for health and health services, supply side concerns, health insurance, the provision of public goods, and related topics. The course encourages students to fundamentally and rigorously examine the role of the market for the provision of health and health services and how public policy can influence these markets.

**Credits:** 3

### **HLMN 413: Grants Writing**

Designed to provide a fundamental understanding of the grant-writing process for entities that provide community and public health programs and services. Incorporates the implementation and evaluation of evidence-based and effective interventions. Promotes the use of critical thinking skills to identify the health needs of a selected population and utilized theoretical frameworks and literature reviews to advise solutions.

**Credits:** 3

### **MDAN 168: Basic Gross Anatomy**

The gross anatomy course introduces the students to the anatomy of the human body by presenting the fundamental concept of the body as an interrelated set of organ systems. The course is structured to study the human body in a regional approach, while emphasizing the relationship between form and function.

**Credits:** 4

## **NUTR - Nutritional Sciences**

The Department of Nutritional Sciences is a part of the Division of Allied Health Sciences which is located in the College of Nursing and Allied Health Sciences. The Department provides challenging educational programs for our students. The Department of Nutritional Sciences offers the Bachelor of Science Degree in Nutritional Sciences. The course of study provides a basic core for all students in the program and yet offers flexibility for pursuing career goals. The curriculum allows students to complete the general education and basic science courses in the first two years. During the last two years, students, along with their advisors, select courses, which prepare them to become dietitians or nutritionist. The Bachelor of Science Degree is offered with emphases in Community Nutrition, Human Nutrition and Food, and the fully accredited Coordinated *Undergraduate Program in Dietetics*. The department also offers a three semester verification program for individuals to complete the practicum requirement for dietetic registration. More than three semesters may be needed to complete the verification program if the student needs to take additional courses.

Many students use this foundation at the Bachelor's level to prepare for further graduate/professional study in nutrition, medicine, and dentistry. Many of our graduates are employed as health care providers, researchers, educators, policy makers and administrators locally, nationally and internationally.

## Accreditation

The Coordinated Dietetics Program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) the accrediting agency for the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606, 312.899.0040, ext.5400, [www.eatright.org/acend](http://www.eatright.org/acend).

### **NUTR 006: Introduction to Foods**

Provides an introduction to food sciences, focusing on the food composition and the chemical and physical properties of the major food groups. Food formulation, processing, and preparation are emphasized including the technological, safety, and regulatory aspects of food and food additives. Spring Semester

**Credits:** 4

**Prerequisites:**

NUTR 161, General Chemistry I and I Lec and Lab

### **NUTR 130: Nutritional Biochemistry**

Comprises the study of the basic biochemistry concepts in relationship to metabolism of macronutrients – such as, proteins, carbohydrates, and lipids; metabolic regulation and enzyme activities are emphasized; vitamins and their various cofactor roles are discussed.

**Credits:** 3

**Prerequisites:**

General Chemistry Lec and Lab, Organic Chemistry Lec and Lab, Biology, NUTR 161

### **NUTR 160: Nutrition**

Study of the food constituents and how the body utilizes them for optimum health through the life cycle, with emphasis on the cell as the basic unit of nutrition and development; also includes intercultural and interdisciplinary aspects of foods and applied nutrition.

**Credits:** 3

### **NUTR 161: Introduction to Nutrition**

Examines how the body uses nutrients for optimum health, emphasizing the cell as the basic unit of nutrition and development. This course prepares students of all disciplines to improve the nutritional health for themselves, their families, and their communities. Factors that affect the food choices of individuals across cultural groups will be emphasized.

**Credits:** 3

**Prerequisites:**

concurrent with CHEM: 003

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

### **NUTR 169: Field Experience in HNF**

Focuses on applied experience (service-learning) in human nutrition and food. It provides students an opportunity to gain practical experience in the area of nutrition from an epidemiological, research, community, clinical and/or food safety perspective.

**Credits:** 6

**Prerequisites:**

CHEM: 004-156, 571-175, and Research Methods- 416.

**NUTR 175: Advanced Nutrition**

Presents cellular structures and their responses to signal transduction, relevance to human metabolism, relationships to diseases and their pathogenesis. Also, an in-depth study of key principles of cellular metabolism of macronutrients, major metabolic pathways and some related pathologies are explored; the biochemical utilization of excess macronutrients and nutrient deficiencies will be studied. Preventative measures and disease management approaches are considered.

**Credits:** 3

**Prerequisites:**

NUTR 130, ANAT 171, 172, General Chemistry Lec and Lab, Organic Chemistry Lec and Lab

**NUTR 183: Community Nutrition**

Provides an understanding and/or practicing nutrition and health education programs and food and nutrition services in a community context. Students will learn the issues and challenges surrounding the delivery of nutrition and health information programs to general and specific (at-risk and minority) populations.

**Credits:** 3

**Prerequisites:**

NUTR 161

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**NUTR 184: Comm. Nutrition-Practicum**

Provide experiential learning opportunities in various public health/community nutrition areas, including nutrition assessment, program planning, program delivery, program management, and evaluation.

**Credits:** 1

**Prerequisites:**

Coordinated Program in Dietetics students only

**NUTR 189: Food Chemistry and Analysis**

Present general principles of food chemistry - physical and molecular reactions - that enhance our understanding of food safety, nutritional value, and culinary arts. Spring semester only.

**Credits:** 4

**Prerequisites:**

General Chemistry Lec and Lab, Organic Chemistry Lec and Lab, Biochemistry and General Physics

**NUTR 190: 191: Special Projects in Human Nutrition and Food**

Directed study. Prereqs. NUTR 160 and Instructor's consent.

**Credits:** 3

**NUTR 200: Intro. to Hlth. Educ. in Nutr.**

Provides students with a background in the basics of nutrition and stresses the link between nutrition practices, health, disease, and exercise performance.

**Credits:** 2

**NUTR 302: Survey of Nutrition**

Addresses basic knowledge, skill and insight in nutrition required for realistic functioning of health care professionals in providing quality health care.

**Credits:** 2



**NUTR 310: Intro. to Diet & Nutrition Edu**

Explores theories and skills necessary to design and implement nutrition education programs. It shows how nutrition education can facilitate dietary changes in a group of people. It introduces students to nutrition education basics, definition, history, aims field and challenges. The course introduces students to the science of nutrition, its application in health education process. The students will learn about nutrition education definition, rationale, impact, role of health educator and nutrition services, and nutritional population problems.

**Credits:** 3

**Prerequisites:**

Change the name to: Intro. to Diet & Nutrition Edu

**NUTR 311: Org Mgmt of Food & Nutr Serv**

Explores the process and tools used in effective management, theories of management, and administrative leadership.

**Credits:** 3

**Prerequisites:**

NUTR 006, 312

**NUTR 312: Foodsrv Systems Mgmt**

Explores the functional systems (procurement, production, sanitation, distribution and service) of the transformation element in the foodservice system model and organizational concepts needed by an individual in order to function successfully as a manager in any type of foodservice operation

**Credits:** 3

**Prerequisites:**

NUTR 006

**NUTR 320: Nut in the Life Cycle**

Provides an integrated study of nutrition concepts applied to the human life cycle. The nutritional foundations necessary for the growth, development, and normal functioning of individuals in each stage of the life span will be discussed throughout this course.

**Credits:** 3

**Prerequisites:**

NUTR 161

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**NUTR 321: Organization Mgmt Practicum**

Provides experiential learning opportunities and hands-on experience in all major management roles and functions of food and nutrition services at health care facilities as well as commercial foodservice facilities and congregate meal sites.

**Credits:** 1

**Prerequisites:**

Coordinated Program in Dietetics students only

**NUTR 322: Food Services Practicum**

Provides experiential learning opportunities and the application of techniques of food systems. The learner will be exposed to practical experiences in food production, layout and designs of commercial kitchens, equipment needs for quantity food production, receiving, storage, and services for four basic types of food systems, equipment uses and care, employee management, sanitation regulations, food service personnel recruitment and quality assurance in a health care facility.

**Credits:** 1

**Prerequisites:**

Coordinated Program in Dietetics students only

**NUTR 323: Evaluation of Nutrition Status**

Explores the basic objectives, procedures and techniques involved in the assessment of the nutritional status of communities, households, and Individuals.

**Credits:** 3

**Prerequisites:**

NUTR 161

**NUTR 325: Nutrition Care Management I**

Equips the student with the entry-level knowledge and skills needed to provide medical nutrition therapy (MNT) across the lifespan. The course provides a framework for building individualized nutrition care plans using the Nutrition Care Process, exploring the dietitian's role as a member of the health care team. Students will initiate a research proposal in the area of health disparities, including but not limited to CITI training modules for biomedical research.

**Credits:** 3

**Prerequisites:**

NUTR 130, 175, 320, 323;Coordinated Program in Dietetics students only

**NUTR 326: Nutrition Policy**

This course will introduce students to a range of food and nutrition policy concepts, institutions, stakeholders and pertinent issues in the United States.

**Credits:** 3

**NUTR 327: Hlth Plan & Prom**

In this course students will gain a foundation in the basics of nutrition and how the body utilizes nutrients that contribute to health.

**Credits:** 3

**NUTR 410: Medical Nutr The I**

Provides students with an understanding of selected diseases' pathophysiology, regular diets, and therapeutic diets to prevent and treat diseases. The course emphasizes critical thinking skills and knowledge of nutrition, pathophysiology, and assessment principles to determine the nutritional status, nutritional risks, and appropriate medical nutrition therapy (MNT) for individuals with chronic disease. Spring only

**Credits:** 3

**Prerequisites:**

NUTR 161, 130, 320, 323, ANAT 171, ANAT 172

**NUTR 411: Nutritional Care Mgmt II**

A continuation of Nutrition Care Management I, focuses on applying knowledge and skills in medical nutrition therapy in various disease states. Emphasis is placed on developing and strengthening clinical skills to deliver nutrition care utilizing the Nutrition Care Process. Students will continue research activities that will result in submission of their research proposal to the IRB.

**Credits:** 4

**Prerequisites:**

NUTR 130, 175, 320, 323, 325, 410;Coordinated Program in Dietetics students only

**NUTR 413: Medical Nutrition Therapy II**

Provides students with an understanding of the pathophysiology of selected diseases, regular and therapeutic diets in the prevention and treatment of diseases. The course will emphasize the use of critical thinking skills and knowledge of nutrition, pathophysiology, and assessment principles to determine the nutritional status, nutritional risks and appropriate medical nutrition therapy (MNT) for individuals with chronic disease. Students will explore and add to the existing evidence in this area. Fall semester.

**Credits:** 3

**Prerequisites:**

NUTR 130, 161, 175, 320 323,410 ANAT 171, ANAT 172

**NUTR 415: Med. Nutr. Therapy Dry Lab I**

Offers an applied approach to diet modification techniques and related calculations for various disease states. The course is designed to coordinate with Medical Nutrition Therapy I and Nutrition Care Management. Spring semester only

**Credits:** 3

**Prerequisites:**

NUTR 130, 161, 175, 320 and 323

**NUTR 416: Res Meth in Nutrition**

Provides students with understanding of research designs, data collection techniques and analyses methods commonly used in public health and social science investigations.

**Credits:** 3

**NUTR 417: Nutr in Hlth & Dis**

The course will cover the methodology used to determine dietary, nutritional and health status and how evidence is gathered to determine the links between diet, nutrition and health.

**Credits:** 3

**NUTR 418: Med Nutr Therapy Dry Lab II**

This course follows Medical Nutrition Therapy (MNT) Dry Lab I and offers an applied approach to diet modification techniques and related calculations for various disease states. The course is designed to coordinate with Medical Nutrition Therapy II and Nutrition Care Management II. Fall semester only

**Credits:** 3

**Prerequisites:**

NUTR 130, 161, 175, 320, 323, 410 and 415

**NUTR 419: Field Placement**

This course is designed for students with an interest in understanding and/or practicing nutrition and health education programs and food and nutrition services in a community context. Students will learn the issues and challenges surrounding the delivery of nutrition and health information programs to general and specific (at-risk and minority) populations

**Credits:** 1

**NUTR 420: Practicum Comprehensive**

Ongoing supervised practice in the various aspects of dietetics. Students are expected to apply knowledge and skills acquired through an educational program in dietetics with the overarching goal of functioning as entry level dietitians in medical and community facilities under the supervision of preceptors with credentials that meet federal, state and industry requirements.

**Credits:** 10

**Prerequisites:**

NUTR 183, 184, 311, 321, 322, 325, 410, 411, 413, 415 and 418; Coordinated Program in Dietetics students only

**NUTR 421: Global Hlth Nutr**

Includes travel abroad/alternative spring break.

**Credits:** 3

**NUTR 425: Issues in Dietetics& Nutrition**

Explores contemporary issues in nutrition; fads and claims about nutrients, the basic as well as the clinical science behind such claims. Preventative measures in disease management as well as advances in disease management with nutrition are explored. The course will also discuss the scientific method, with emphasis on research and designs techniques that are commonly used in nutrition.

**Credits:** 2

**NUTR 509: Special Problems in Nutrition**

Graduate course

**Credits:** 3

## NURS - Nursing

The Howard University Division of Nursing, while cognizant of the nature of society and the health care delivery system, develops students at the bachelor's and master's level who can effectively and efficiently address the diverse and complex health care needs of society. The Division of Nursing was established in 1969 with a program of studies leading to the bachelor's degree in nursing. The Division of Nursing also offers the Master of Science Degree in Nursing and a Post-Master's Certificate for Family Nurse Practitioner.

The Bachelor of Science program offers a balanced curriculum including courses in the liberal arts, the sciences, the humanities, and nursing. The majority of the nursing courses are concentrated in the junior and senior years and involve classroom and clinical learning experiences in hospitals, long-term care facilities, homeless shelters, patients' homes and other community-based settings. Students in the Bachelor's Degree program develop competencies in the care of adults, children, child-bearing families and the elderly. A theoretical base for nursing practice is laid early in the program and students grow in their ability to apply theory in developing systems of care for patients. Course work and practical application in management/ leadership and research enhance the student's ability to think creatively, critically and to solve problems.

An R.N. track within the bachelor's degree program was initiated during the 1988-89 academic year. This track allows the R.N. with an associate degree or diploma to receive credit for prior nursing and science courses through a variety of validation procedures. Registered nurses from local associate degree nursing programs within the past five years may receive a minimum of 60 transfer credits towards the Bachelor of Science Degree. No validation testing is required for articulated students.

A 22-month Advanced Placement Program is also a part of undergraduate level studies for students with previously earned degrees in areas other than nursing and/or a significant number of credits in specific course areas. This program expedites students' progression in nursing. The undergraduate curriculum emphasizes critical thinking and problem solving, health promotion and prevention, community-based interventions, and the general climate of the evolving health care delivery system.

The diversity of the Washington, D.C. community provides students with a variety of learning opportunities and challenges. The Division of Nursing has adopted the issues of homelessness and care of the elderly as emphases within both the undergraduate and graduate curricula as well as rallying points for community service by faculty, students and staff. The Division of Nursing has also expanded in the realm of international nursing. There has been significant involvement in consultation, instruction and curriculum development in some of the developing African countries.

**Accreditation**

The Division of Nursing is accredited by the Commission of Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Suite 530, Washington, DC 20036, 202.887.6791, <http://www.aacn.nche.edu/ccne-accreditation>.

### **NURS 304: Pathophysiology**

Examines the pathophysiological basis for the clinical manifestation of disease processes. Emphasis is placed on the mechanisms of disease and alterations of structure and function that result in signs and symptoms of disease in individuals across the lifespan. Students understand foundational knowledge for future nursing courses.

**Credits:** 3

### **NURS 306: Introduction to Pharmacology**

This course focuses on the pharmacokinetics and pharmacodynamics of some identified drugs that affect persons across the life span. Areas of emphasis will include; the nursing process, nursing implications of the selected and related drugs, the role of a nurse in legal and research aspects of drug administration and medication calculations for oral and parenteral drugs.

**Credits:** 3

### **NURS 307: Health Assessment/Lifespan**

Examines the skills of history taking, physical assessment, and documentation needed to conduct a comprehensive health assessment including the physical, psychosocial, and environmental aspects of health. Emphasis is placed on health assessment as a systemic and organized examination that will provide accurate data on which to form valid nursing diagnoses and plan of care. Effective communication, assessment, and documentation will be practiced in the laboratory setting. The learner will demonstrate the techniques of physical assessment consisting of inspection, palpation, percussion, and auscultation.

**Credits:** 3

### **NURS 307OL: Health Assessment Across the Lifespan**

This course provides learners an opportunity to acquire skills of history talking, physical assessment, and documentation needed to conduct a comprehensive health assessment including the physical, psychosocial, and environmental aspects of health.. Emphasis is placed health assessment as a systemic and organized examination that will provide accurate data on which to form valid nursing diagnoses and plan of care. Effective communication, assessment, and documentation will be practiced in the laboratory setting. The learner will demonstrate the techniques of physical assessment consisting of inspection, palpation, percussion, and auscultation.

**Credits:** 3

### **NURS 308: Role Transition**

**Credits:** 3

### **NURS 308OL: Role Transition**

This course focuses on the important topics and trends within the nursing discipline and baccalaureate educational process to facilitate the transition from technical nurse to professional nurse. The emphasis is on professional components of the various roles of the baccalaureate nurse in health care. Students will utilize critical thinking to analyze the role of the baccalaureate nurse as it relates to professional standards, life-long learning, professional development, and the use of evidenced based practice. The student will apply knowledge of the history of the university and profession of the nursing to build a foundation for practice.

**Credits:** 3

**NURS 313: Informatics and Technology**

This course is designed to provide the student with an introduction to the emerging field of nursing informatics. The student will explore and examine computer technology and the tools of the Internet and World Wide Web, with a focus on selected computer applications and use of cyber-technology as it relates to nursing practice. The student will also examine the basics of information systems, expert systems, and telecommunication and the impact of these technologies, on nursing administration, education, advanced clinical practice and research.

**Credits:** 2

**NURS 313OL: Informatics and Technology**

This course is designed to provide the student with an introduction to the emerging field of nursing informatics. The student will explore and examine computer technology and the tools of the Internet and World Wide Web, with a focus on selected computer applications and use of cyber-technology as it relates to nursing practice. The student will also examine the basics of information systems, expert systems, and telecommunication and the impact of these technologies, on nursing administration, education, advanced clinical practice and research.

**Credits:** 2

**NURS 315: Concepts of Health & Illness**

Examines nursing concepts needed to provide care to diverse populations across the lifespan. Learners will explore various nursing theories, health promotion and their use with the nursing process. Explores the theoretical basis for assessing and managing basic human needs across the lifespan. Learners develop critical thinking and clinical decision-making skills required to promote health and manage illness.

**Credits:** 3

**NURS 315OL: Concepts of Health and Illness Across the Lifespan**

This course focuses on nursing concepts that nurses need to provide care to diverse populations across the lifespan. Students will explore various nursing theories, health promotion and their use with the nursing process. Emphasis is placed on the enhancement of critical thinking and clinical judgment skills required to promote health and manage illness. The theoretical basis for assessing and managing basic human needs is explored across the lifespan.

**Credits:** 3

**NURS 320: Fundamentals of Nursing**

Explores nursing skills needed to provide safe, effective care to individuals experiencing health alterations across the lifespan utilizing the nursing process. Emphasis is placed on critical thinking, therapeutic communication, and interventions that promote optimal patient outcomes. Ethical, legal, and professional standards are explored within the context of nursing practice. The nursing process will be used as a framework for problem solving, decision making, and organizing care of individuals. Guided lab and clinical experiences will provide students opportunities to acquire and practice appropriately leveled nursing skills.

**Credits:** 5

**NURS 321: Intro to Profess Nursing Prac**

Explores the history of nursing and issues and trends of modern nursing. Emphasis is placed on the legal, ethical, and professional standards of nursing practice. Explores the roles of the professional nurse as designer, coordinator, and provider of care.

**Credits:** 2

**NURS 323: Nursing Research - Online**

Examines the research process in the nursing discipline. Emphasis is placed on the contribution of research to the solution of problems in nursing. The learner will be able to define a clinical research problem through examination and critique of studies from nursing research and related disciplines. The use of evidence-based research in nursing is introduced.

**Credits:** 3

**NURS 323OL: Nursing Research**

This course is designed to provide students the opportunity to develop an understanding of the research process in the nursing discipline. The course focuses on the contribution of research to the solution of problems in nursing. Emphasis is placed on defining a clinical research problem through an examination and critique of studies from nursing research and related disciplines. The use of evidence-based research in nursing is introduced.

**Credits:** 2

**NURS 325: Adult Health**

Prepares students to provide safe, holistic care for adult individuals with acute and chronic illnesses while applying concepts and principles from liberal arts, sciences, humanities, and the nursing discipline. Emphasis is placed on critical thinking, clinical decision-making, and health education. Clinical experiences provide an opportunity to apply theoretical knowledge in the performance of competencies that promote optimal patient outcomes.

**Credits:** 7

**NURS 326: Nurs of the Childbearing Fam**

Prepares students to provide care utilizing the nursing process for families during the childbearing phase of the life cycle which includes preconception, antepartum, intrapartum, postpartum and neonatal periods. Examines physiological, psychological, socio-cultural and developmental aspects of nursing care for the client. Emphasis is placed on critical thinking, clinical decision-making, and health education. Clinical experiences provide students the opportunity to develop skills in caring for individuals and families that promote optimal patient outcomes.

**Credits:** 5

**NURS 327: Interdis Health Care Ethics**

Examines ethical principles as they apply to issues in the healthcare environment. Emphasis is placed on contemporary topics such as ethical issues in research and the electronic health record as well as historical ethical issues such as confidentiality and dying. The impact of healthcare policy and multicultural, socio-economic, political, legal, and regulatory factors on healthcare systems is explored. Students develop the critical thinking skills necessary to identify and analyze ethical dilemmas and to construct well-reasoned responses to such dilemmas.

**Credits:** 2

**NURS 327OL: Interdisciplinary Health Care Ethics**

This course introduces learners to ethical and bioethical issues confronting healthcare providers within the practice setting. Through didactic and small group instructions, ethical theory and principles are introduced and used to critically analyze and construct well-reasoned responses to ethical dilemmas. Utilizing the Beaubeu Grid method to collect and analyze case information, learners will refine their critical thinking skills (both verbal and written) through reading, writing, and resolving case material presented in the small group class sessions. Emphasis on collaborative dialogue between and among disciplines represents the hallmark of this course.

**Credits:** 2

**NURS 329: Nursing Issues (online)**

Examines contemporary issues and trends within the nursing discipline. Learners utilize critical thinking in the analysis and presentation of issues affecting nursing and health care in a global society. Legal, ethical, political, economic, and social issues are explored in a historical context to provide the student with perspective on the role of professional nursing in contemporary society.

**Credits:** 3

**NURS 329OL: Nursing Issues**

This course focuses on contemporary issues and trends within the nursing discipline. Learners will utilize critical thinking in the analysis and presentation of issues affecting nursing and health care in a global society. Legal, ethical, political, economic, and social issues are explored in a historical context to provide the student with perspective on the role of professional nursing in contemporary society. The importance of nursing science in nursing practice and in the development of nursing knowledge is included.

**Credits:** 3

**NURS 400: Elective Clinical Nursing**

The Clinical Nursing Elective course is a structured educational summer program designed to provide nursing students with an opportunity to improve their nursing skills in the clinical setting, while providing them with summer employment. Weekly educational sessions are designed specifically for the nurse externs. Nurse externs work within an agency to gain experience providing nursing care and services to patients. Nurse externs will work the assigned schedule as stipulated by the agency. The duties and responsibilities of the student nurse fall under the scope of practice for unlicensed health care providers within the agency providing the externship.

**Credits:** 3

**NURS 403: Nursing Research**

Examines the research process in the nursing discipline. Emphasis is placed on the contribution of research to the solution of problems in nursing. The learner will be able to define a clinical research problem through examination and critique of studies from nursing research and related disciplines. The use of evidence-based research in nursing is introduced.

**Credits:** 2

**NURS 406: Senior Practicum**

Clinical experience which includes theory and practice opportunities, prepares students for transition to work within selected area of focus.

**Credits:** 4

**NURS 412: Nursing Infants and Children**

Prepares students to provide safe, holistic care for infants, children, and families. Emphasis is placed on critical thinking, clinical judgment, decision-making, and health education. Clinical experiences provide an opportunity to apply nursing theory and concepts when implementing interventions to achieve optimal health for infants, children, and families.

**Credits:** 5

**NURS 413: Cult Cong Care-Clin Hlth Prof**

Explores the influence of social, cultural, and environmental factors on health care. Emphasis is placed on the Culturally Competent Model of Care in the delivery of care to individuals, families, groups, and communities. Cultural concepts; theories and models; cultural assessment; critical thinking; and evidence-based practice appropriate for developing knowledge are examined. Learners analyze cultural factors that facilitate/hinder communication.

**Credits:** 3



**NURS 419: Death, Grief & Bereav (online)**

Examines the multifaceted nature of dying, grief and the grieving process. Emphasis is placed on assisting the individual and family in coping during death, dying and grieving across the lifespan. Included is a discussion of strategies for self-care during dying and grief interventions.

**Credits:** 3

**NURS 419OL: Elective(Death, Grief and Bereavement)**

This course is designed to provide learners with an introduction to death and dying and in-depth study of grief and bereavement. The student will examine the multifaceted nature of dying, grief and the grieving process. Emphasis is placed on assisting the individual and family in coping during death, dying and grieving across the lifespan. Included is a discussion of strategies for self-care during dying and grief interventions.

**Credits:** 3

**NURS 421: Psychiatric Mental Health Nurs**

Implements the nursing process with individuals, families, and groups in the mental health setting. Clinical experiences provide the opportunity to apply theory and develop skills in the management of individuals, families, and groups to promote mental health. Emphasis is placed on achieving optimum mental health outcomes through collaboration with other health and social disciplines, community groups, and consumers.

**Credits:** 5

**NURS 431: Health Policy & Econ**

Develop an understanding and appreciation of the policy-making process and its impact on nursing practice, health care delivery and health care finance. Emphasis will be placed on analysis of major economic, historical, social, legal, political and ethical influences on policy formulation, implementation and evaluation. Focus will be on critical analysis of and participating in health policy and politics that drive the health care delivery system of the United States.

**Credits:** 2

**NURS 431OL: Health Policy and Economics**

This course is designed to provide students the opportunity to develop an understanding and appreciation of the policy-making process and its impact on nursing practice, health care delivery and health care finance. Emphasis will be placed on analysis of major economic, historical, social, legal, political and ethical influences on policy formulation, implementation and evaluation. Through a variety of field experiences, the focus will be on critical analysis of and participating in health policy and politics that drive the health care delivery system of the United States.

**Credits:** 2

**NURS 434: Adult Health Nursing II**

This course is designed to provide a theoretical knowledge base in caring for high-acuity individuals experiencing complex care problems and to examine the interrelationships among physiological concepts to assure competent and safe nursing practice. Clinical experiences provide an opportunity to translate the critical pathophysiological concepts to the high acuity client in a clinically applicable manner and enhance clinical decision-making in the performance of competencies that promote optimal patient outcomes.

**Credits:** 5

**NURS 435: Critical Care Elective**

Explores complex health care issues among critically ill medical-surgical patients. Emphasis is on assessment, management, and evaluation of outcomes of complex pathophysiologic concepts. Learners will utilize Quality and Safety Education for Nurses (QSEN) competencies in their clinical decision-making. Clinical experiences will promote optimal client outcomes highlighting critical care knowledge.

**Credits:** 3

**NURS 436: Community Health Nursing**

Prepares students to integrate the nursing process in care of individuals, families, groups, aggregates and populations in various community settings. Emphasis is on promoting optimal health outcomes through collaboration with inter-professional teams and community groups.

**Credits:** 3

**NURS 437: Comm/Mental Hlth Nurs (online)**

Explores concepts of community and mental health nursing. Will provide theory and clinical opportunities to integrate the nursing process in developing population-specific care in community and mental health settings. Emphasis is on promoting optimal health outcome through partnerships with inter-professional teams and community groups.

**Credits:** 5

**NURS 437OL: Community Mental Health Nursing**

This course is designed to provide students with the opportunity to develop understandings of the concepts of community and mental health nursing. The course will provide theory and clinical opportunities to integrate the nursing process in developing population-specific care in community and mental health settings. Emphasis is on promoting optimal health outcome through partnerships with inter-professional teams and community groups.

**Credits:** 5

**NURS 438: Nursing Leadership (online)**

Explores role development as a designer, coordinator, and manager in the health care delivery systems. Concepts and theories of leadership management, organization change, decision making, finance, politics, and human resource management are examined. Leadership and management roles and strategies are analyzed in relation to a changing health care system. Emphasis is placed on the application of concepts and theories in a variety of settings.

**Credits:** 3

**NURS 438OL: Nursing Leadership**

This course is designed to provide students the opportunity for role development as a designer, coordinator, and manager in health care delivery systems. Concepts and theories of leadership, management, organization change, decision making, finance, politics, and human resource management are examined. Leadership and management roles and strategies are analyzed in relation to a changing health care system. Emphasis is placed on the application of the concepts and theories in a variety of settings.

**Credits:** 3

**NURS 440: Nursing Synthesis**

Prepares students for the NCLEX-RN licensing exam post-graduation. Include a comprehensive review of the nursing curriculum. Provides customized test preparation plan based on their prior assessment performance. On-line computerized resources, coaches, and mentors are provided to assist with development and completion of a customized preparation plan.

**Credits:** 3

## RASC - Radiation Therapy Program

Radiation therapy utilizes radiation and radioactive isotopes in the treatment of disease, primarily cancer. The radiation therapists provide services for treatment of malignant and non-malignant disease. They are responsible for localizing the tumor, implementing the treatment plan, observing and evaluating clinical progress of the patient.

The therapists are also responsible for safe operation of high tech, high-energy radiation -producing equipment; and assisting in the preparation and administration of different types of radioactive material used for therapeutic purposes. The radiation therapists are professionals who not only possess superior clinical skills, but strong academic and theoretical knowledge as well. The clinical education phase of the program is designed to reinforce didactic information as it relates to clinical procedures. It is expected that through this effort, greater cohesion can be achieved between the two learning environments, thereby facilitating a greater transfer of knowledge between them.

## **Degree Program**

The four-year integrated academic and clinical program has two divisions. The Lower Division includes the first and second years where students complete general education requirements. Individuals who successfully complete all Lower Division requirements are eligible to apply for admission into the Upper Division. The Upper Division includes didactic courses as well as a clinical education component throughout the third and fourth years. The clinical education phase of the program is designed to reinforce didactic information as it relates to clinical procedures. It is expected that through this effort, greater cohesion can be achieved between the two learning environments, thereby facilitating a greater transfer of knowledge between them. During clinical education, students have an opportunity to receive practical experience at prestigious affiliating hospitals.

### **Accreditation**

The Radiation Therapy Program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606; 312.704.5300: [www.jrcert.org](http://www.jrcert.org). At its May 2013 meeting, the Joint Review Committee on Education in Radiologic Technology (JRCERT) voted to place the Howard University Radiation Therapy Program on probation until its next comprehensive review in September 2014. Accreditation–Probation is a temporary status of accreditation conferred when a program does not meet the *Standards* and when the capability of the program to provide an acceptable educational experience for its students is threatened. Specific questions regarding the program and its plans regarding probation should be directed to Ms. Adrienne Harrison, M. S., R. T. (T), Program Director at 202-806-5920.

### **Admissions**

## **Lower Division**

Students must meet Howard University's general admission requirements.

- Cumulative grade point average of 2.8 on a 4.0 scale
- Submission of program application forms and official transcript(s) by February 15th
- Background Screening and Assessment Examination

## **Upper Division**

Students should request the program application package from the Department of Radiation Therapy. Requirements include:

*The completed application package must include:*

- [Completed Upper Division Application Form](#)
- Attain a minimum grade point average of 2.8 on a 4.0 scale
- Statement of Interest and Goals; Biographical Sketch
- Three Recommendation Forms and Personal Interview

## Technical Standards for Admissions

Individuals with disabilities will be individually considered on the basis of their ability. Reasonable accommodation for disabled students will be provided as required by law. NOTE: Should you desire to arrange for a disability accommodation in conjunction with completing the application process, please contact Dr. Elaine Bourne Heath, Special Student Services, (202) 238-2420.

### **RASC 211: Radiation Therapy Orientation**

This course provides an introduction and an overview of the discipline of radiation therapy. The content includes the basic principles, practices and policies regarding the radiation therapist's role in the management of cancer, professionalism, and ethical issues in cancer care. Academic, departmental personnel, administrative structures, radiation and health safety procedures, related professional organizations, professional skills and life-long learning are discussed.

**Credits:** 2

**Prerequisites:**

Major

### **RASC 310: Clinical Radiotherapy I**

Clinical practicum in radiation oncology facilities at affiliating institutions to fulfill sequential clinical program requirements. The course includes an extensive overview of the program and clinical policies, procedures, and expectations in preparation for the clinical practicum. Prereq: Successful completion of all prerequisite courses and admission into the upper division of the program.

**Credits:** 2

**Prerequisites:**

Major

### **RASC 311: Prin & Prac of Radiation Ther**

Provides an overview of the historic and current management of neoplastic disease, decision process, physical and technical aspects of radiation therapy, function and structure of simulation/treatment equipment, ethical and legal considerations related to the scope and practice of radiation therapists.

**Credits:** 2

**Prerequisites:**

Major

### **RASC 312: Environ & Radiation Protection**

Content includes basic principles of radiation protection, biological effects, surveys, detection, measurement, personnel monitoring, environmental, health, legal and safety requirements of federal, state, and local regulatory agencies and healthcare organizations.

**Credits:** 3

**Prerequisites:**

Major

### **RASC 313: Radiation Therapy Physics I**

Presents the applied physics related to radiation therapy and focuses on structure of matter, properties of matter, properties of radiation, nuclear transformations, principles of image production, treatment equipment, types of radiation, beam quality, dose measurement and distribution.

**Credits:** 3

**Prerequisites:**

Major

**RASC 314: Sectional Anatomy**

Content includes the medical imaging modalities in radiation therapy with special emphasis on CT. Knowledge of anatomic structures are reviewed through a variety of sectional images.

**Credits:** 2

**Prerequisites:**

Major

**RASC 315: Introduction to Oncology**

Course provides an introduction to the field of Oncology, including Surgical Oncology, Medical Oncology, Radiation Oncology, Radiation Effects and Complementary and Alternative Medicine in Cancer Management.

**Credits:** 2

**Prerequisites:**

Major

**RASC 320: Clinical Radiotherapy II**

A continuation of sequential assignments at radiation oncology affiliations to fulfill clinical program requirements. This clinical course is designed to foster the development of future radiation therapists.

**Credits:** 2

**Prerequisites:**

major/ RASC 310

**RASC 323: Imaging & Radiation Therapy**

This course is designed to establish a basic knowledge of Radiation Therapy related imaging principles and techniques used during the treatment planning and verification process.

**Credits:** 3

**Prerequisites:**

major/ RASC 310

**RASC 324: Patient Care & Management**

Provides the student with concepts and competencies in assessment, management, and evaluation of patient care including considerations of physical and psychosocial aspects. Routine and emergency patient care procedures will be emphasized. The role of the radiation therapist in patient education

**Credits:** 2

**Prerequisites:**

major/ RASC 310

**RASC 325: Radiation Oncology**

The course is part two in the overview of multidisciplinary cancer management. Content covered includes anatomy, physiology review, etiology, epidemiology, detection and work-up, diagnosis, patterns of spread, staging, treatment techniques, organs at risk and multimodality management, and prognosis of specific cancer sites with emphasis on treatment assessment, delivery and evaluation. Also reviews the role of the radiation therapist in patient education including associated acute and chronic effects and management.

**Credits:** 3

**Prerequisites:**

major/ RASC 310

**RASC 326: Rad Therapy Phys II**

A continuation of RASC 313 to include the physical parameters of various radiation treatment techniques, calculations and measurements. Also included are quality assurance considerations and brachytherapy.

**Credits:** 3

**Prerequisites:**

major/ RASC 310

**RASC 327: Pathophysiology**

Presents basic pathological concepts and principles related to the nature of disease and its effects on the body tissues and its organs. This information will assist the student radiation therapist in the describing the pathologic conditions, clinical signs and symptoms and associated laboratory methods used to assess the diagnosis and the treatment of various diseases encountered during clinical practice.

**Credits:** 3

**Prerequisites:**

major/ RASC 310

**RASC 330: Clinical Radiotherapy III**

Clinical practicum in the radiation oncology departments at affiliated institutions

**Credits:** 3

**Prerequisites:**

major/ RASC 320

**RASC 335: Clinical Radiotherapy IV**

Clinical practicum in the radiation oncology departments at affiliated institutions.

**Credits:** 3

**Prerequisites:**

major/ RASC 330

**RASC 410: Clinical Radiotherapy V**

Clinical practicum in the radiation oncology departments at affiliating institutions or in associated departments

**Credits:** 2

**Prerequisites:**

Successful completion of RASC 335.

**RASC 412: Treatment Planning I**

Focuses on basic concepts of radiation treatment planning through lecture and laboratory exercises. Includes the theoretical and practical application of dose calculations, localization of tumors, and factors that impact basic treatment planning

**Credits:** 2

**Prerequisites:**

major/ RASC 335

**RASC 413: Quality Management**

This course is designed to introduce the student to the evolutionary process and fundamental concepts that necessitate Quality Management Programs in Radiation Therapy. Focus will be on the students understanding and appreciation of the vital role of the radiation therapist and Quality Management programs as well as legal and regulatory implications.

**Credits:** 2

**Prerequisites:**

major/ RASC 335

**RASC 414: Problem Solving**

Continuation of content that is designed to address issues related to the scope and practice of radiation therapists, Lecture/Lab.

**Credits:** 1

**Prerequisites:**

major/ RASC 335

**RASC 415: Radiation Oncology II**

The course continues the overview of multidisciplinary cancer management. The course will begin with a review of cancer basics and pathology. Content covered includes anatomy, physiology review, etiology, epidemiology, detection and workup, diagnosis, patterns of spread, staging, treatment techniques, organs at risk and multimodality management of specific cancer sites with emphasis on treatment assessment, delivery and evaluation. Also, includes the role of the radiation therapist in patient education associated acute and chronic radiation side effects and management. The goal is to provide a linkage between didactic and psychomotor skills to enable the student radiation therapist to analyze and make appropriate clinical decisions based on knowledge and skills integrated through class and clinic. Activities in class are designed to promote critical thinking and verbal/ written communication skills necessary for radiation therapists clinical decision-making as it relates to specific tumor sites with emphasis on radiation oncology.

**Credits:** 3

**Prerequisites:**

major/ RASC 335

**RASC 420: Clinic Radiation Therapy VI**

Completion of sequential clinical practice at mastery-level competence in radiation oncology conducted at affiliating institutions

**Credits:** 4

**Prerequisites:**

major/ RASC 330

**RASC 422: Problem Seminar**

Designed to provide a comprehensive review for seniors in preparation to take the national board examination and problem solve various situations they may encounter during entry-level employment.

**Credits:** 2

**Prerequisites:**

major/ RASC 335

**RASC 426: Treatment Planning II**

A Continuation of Treatment Planning I. The course is an introduction to the clinical application of radiation therapy physics and radiation therapy treatment planning practices. Students will learn about the principles used in the development and delivery of treatment plans. The identification of clinical conditions under which specific treatment plans are warranted will be discussed. The goal of the lectures and activities in class is to promote critical thinking, and the verbal and written communication skills that are fundamental to understanding the practice of clinical radiation therapy.

**Credits:** 2

**Prerequisites:**

major/RASC 410

**RASC 427: Radiation Biology**

Principles of cell biology and radiation interaction, effects of radiation and other factors on cell response, acute and chronic effects of radiation are discussed

**Credits:** 2

**Prerequisites:**

major/RASC 410

**RASC 428: Quality Management**

This course is designed to introduce the student to the evolutionary process and fundamental concepts that necessitate Quality Management Programs in Radiation Therapy. Focus will be concepts that necessitate Quality Management Programs in Radiation Therapy. Quality Management programs as well as legal and regulatory implications

**Credits:** 2

**Prerequisites:**

major/RASC 410

**RASC 430: Clinical Radiation Therapy VII**

Clinical practicum in the radiation oncology departments at affiliated institutions (if needed to complete graduation requirements).

**Credits:** 2

**Prerequisites:**

RASC 420.

## School of Education

The School of Education *prepares* transformational leaders as highly qualified teachers, reflective practitioners, effective administrators and engaged researchers who influence educational policies and practices relevant to Black and other underserved populations; we *empower* individuals, schools, and communities; and we *promote* racial and social justice.

## DIVISIONS AND DEPARTMENTS

DEPARTMENT OF CURRICULUM & INSTRUCTION

DEPARTMENT OF EDUCATIONAL LEADERSHIP & POLICY STUDIES

DEPARTMENT OF HUMAN DEVELOPMENT & PSYCHOEDUCATIONAL STUDIES

## UNDERGRADUATE MAJORS, PROGRAMS, AND CONCENTRATIONS

Elementary Education

Human Development

Secondary Minors: English, Math, Music Education, Physical Education, Social Studies, Theatre Arts



### **SEED 150: Survey and Education of Exceptional Children**

Discusses current trends in special education and the educational psychological needs of students with disabilities. This course SEED 150 is the same as ELEM 150

**Credits:** 3

## **EDUC - Elementary Education**

### **EDUC 100: Orientation & Pre-Prof. Sem**

Designed to orient potential candidates to the University, to the School of Education, and to the elementary education program. A variety of individual and small group reflections, discussions, activities, simulations, and the beginning development of the e-portfolio will take place. Course will provide students with a critical look at the teaching profession. Students must satisfactorily complete the 1-credit orientation/seminar no later than the end of the first semester of their freshman year.

**Credits:** 1

### **EDUC 114: Honors First Year Research Sem**

Introduces education research in different areas. These areas include but are not limited to research in literacy, science education, mathematics education, special education, assessment, applied cognitive psychology, and other areas. Students will be provided a brief presentation and will be given one paper to read that corresponds to the area. Students will learn how to analyze a journal article. Students will prepare to engage in discussions using the questions they created and their reflections.

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **EDUC 120: Intl Ed for Contemp Soc**

Designed to provide a comprehensive overview of the policies and practices of educational systems around the world, with a special emphasis on the global south. Using an interdisciplinary lens, the focus is on developing global competencies that promote global citizenship and a better understanding of global education issues. A significant international service learning component is also included and is designed to help bridge theory and practice from the local to the global.

**Credits:** 2

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

ELO #7: Comprehensive Wellness Practices

### **EDUC 201: Honors Sophomore Year Research Sem**

Introduces students to various topics such as social entrepreneurship and leadership. Students will be exposed to ways to promote themselves and engage with external stakeholders. Students will also explore ideas related to using their own cultural capital, and assets and to the training necessary to grow their own talents.

**Credits:** 1

### **EDUC 202: Honors Sophomore Year Research Sem**

Explores a topic of interest in educational research. Students will be introduced to an annotated bibliography and APA format writing, as well as a review of relevant literature. Students will create an annotated bibliography on an educational topic of interest. Students will use this topic to create questions they would explore in their junior year.

**Credits:** 1

**EDUC 210: Foundations & Urban Education**

This foundational course will examine urban education from the perspectives of what it means to teach in urban environments, issues that impact urban schools, policies and practices that influence teaching, families and urban communities, and classroom management. It will focus on a broad interdisciplinary view of school as an educational institution and its relationship with urban societies and communities. Sociological and philosophical views will be used to examine how history, race, class, politics, and media have influenced the structure and function of urban education systems. Students will be expected to engage in field experiences in area classrooms.

**Credits:** 3

**EDUC 212: Educ Psyc: Lrn & Af Am Lrnrs**

Provides pre-service teachers with the theoretical bases of learning and development necessary to obtain the goals of effective teaching and learning among African American and other diverse student populations. Candidates will examine many questions and answers involving education in today's urban society and promote the understanding and appreciation of principles associated with the learner, learning, and classroom processes. The primary focus of this course is the integration of theories of child growth and development within the practical setting of the school environment.

**Credits:** 3

**Prerequisites:**

EDUC 212 – Registration will be allowed after showing passing Praxis Core scores\* or proof of registration to take the test

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning  
ELO #7: Comprehensive Wellness Practices

**EDUC 212: Educational Psychology: Learning & African American Learners**

This course provides pre-service teachers with the theoretical bases of learning and development necessary to obtain the goals of effective teaching and learning among African American and other diverse student populations. Candidates will examine many questions and answers involving education in today's urban society and promote the understanding and appreciation of principles associated with the learner, learning, and classroom processes. The primary focus of this course is the integration of theories of child growth and development within the practical setting of the school environment.

**Credits:** 3

**Prerequisites:**

Department Approval

**EDUC 218: Foundations & Processes of Reading Acquisition**

This course provides pre-service/in-service candidates with knowledge, skills, and dispositions to provide evidence-based literacy instruction for African American and diverse learners in grades 1-6 in urban areas. The course develops students' ability to deliver multiple methods of traditional and technology-based instruction to meet literacy needs in a variety of settings. Emphasis will be placed on asset-based theories and applications that can positively influence students, families, and communities.

**Credits:** 3

**EDUC 219: Schooling for Diverse Populat**

Addresses the philosophy, history and sociology of American education, particularly with regard to the role of diversity in development and operation of the nation's education system. Particular attention will be paid to social, political, and economic forces that have shaped and continue to shape American schools and educational practices. The course is designed to promote a global awareness of how racial, cultural, linguistic, gender, income, and ability diversity affect educational opportunity.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**EDUC 220: Lrnrs w/ Div Cog, Beh, & Lang**

Focuses on students considered to have high incidence disabilities, as well as those considered gifted. Candidates will examine the history of special education, legislation, and laws that support the educational rights of individuals with disabilities, their families, and caregivers. Field-based experiences will enable candidates to gain perspective on the life experiences, challenges, and abilities individuals with disabilities.

**Credits:** 3

**EDUC 221: Talent Dev. Model of Schlg**

Gain knowledge and skills predicated on the Talent Development Model - that espouses that all students can learn to high standards and provides evidence-based practices, activities and programs to ensure that this lofty goal for students is actually attainable. The background and research base for this model will be presented, as will practical examples of what the model looks like when it is implemented in schools serving primarily urban or ethnic minority children and youth.

**Credits:** 3

**EDUC 222: Engaging Urb. Par, Fam, Comm**

Designed to support pre-service candidates in broadening their conception of parent involvement. Candidates will become aware of the strategies that minority and low-income parents often use to support children's education; explore strategies for increasing the participation of culturally and linguistically diverse parents in traditional parent involvement activities; and generate strategies for collaborating in culturally responsive ways with families, other educators, related service providers, and personnel from community agencies.

**Credits:** 3

**EDUC 223: Instr. Tech for 21st Century**

Emphasizes the design and facilitation of learning environments that apply technology-enhanced instructional strategies to maximize student learning. Candidates will apply current research and instructional design principles to create 21st century learning experiences for students. Upon completion, students should be able to apply technology- enhanced instructional strategies, use a variety of technology resources, and demonstrate appropriate technology skills in educational environments.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

**EDUC 225: Earth Sci. & Elem Sci. Prac.**

This course provides candidates with knowledge, skills, and dispositions to render content-rich and rigorous science instruction for African American and diverse urban learners in grades 1-6. Candidates will be exposed to content that supports an elementary school science program including life science, physical science, environmental science, earth science and space science. Candidates will have opportunities to explain, interpret, analyze, synthesize, and evaluate major national and global issues and developments in these science disciplines. Hands on activities, demonstrations, field studies, and virtual labs and trips will be utilized to reinforce basic concepts.

**Credits:** 3

**EDUC 310: Educational Psychology and Special Education**

A course offering an opportunity to examine educational issues and additional learning needs from psychological perspectives.

**Credits:** 3

**EDUC 311: Special Educ & Classroom Mgmt**

Focuses on providing students with knowledge about individuals who possess exceptional learning needs because of their diverse cognitive, behavioral, and linguistic abilities. Candidates will examine the history of special education, legislation, and laws that support the educational rights of individuals with disabilities, their families, and caregivers. In addition, this course offers practical guidance for pre-service teachers to learn and apply classroom and behavior management techniques in both regular and special education settings. Field experiences are required.

**Credits:** 3

**Prerequisites:**

EDUC 311 – Registration will not be allowed until passing Praxis Core scores\* are submitted

**EDUC 312: Intro:Assessment & Measurement**

This course is designed to provide pre-service and in-service teachers with basic competencies in educational assessment and measurement that can be used to improve instruction through better assessment of all students, including those with special needs. The point-of-view that instruction and assessment should blend together in the teaching/learning process will be emphasized throughout the course. Beginning teachers will learn how to: design various types of assessments; evaluate students and discuss evaluations with parents; interpret standardized and teacher-constructed assessment data; and use the information to improve teaching and learning. Issues related to validity, reliability, fairness, bias, and technology will be discussed.

**Credits:** 3

**EDUC 314: Prin of Teaching Math & Sci I**

This course provides candidates with knowledge, skills, and dispositions to deliver content-rich and rigorous mathematics and science instruction for African American and diverse urban learners in grades 1-3. Candidates will have opportunities to employ a variety of instructional strategies to integrate math and science content and the Common Core State Standards through the Principles of Learning Mathematics and Science. Constructivist, behaviorist, cognitivist, and asset-based approaches and methodologies will be emphasized in this course. Field-based experiences will provide an opportunity for candidates to design, develop and implement evidence-based lessons in science and mathematics for national and global student populations.

**Credits:** 4

**Prerequisites:**

EDUC 314 – Registration will not be allowed until passing Praxis Core\* scores are submitted and students have been admitted\*\* to the program.

**EDUC 315: Prin of Teaching Math & Sci II**

Provides candidates with knowledge, skills, dispositions and pedagogy to deliver content-rich, rigorous mathematics and science instruction for African American and diverse urban learners in grades 4-6. Candidates will have opportunities to employ a variety of instructional strategies to integrate mathematics and science content and the Common Core State Standards through the Principles of Learning Mathematics and Science. Field-based experiences provide an opportunity for candidates to design, develop and implement evidence-based lessons in science and mathematics.

**Credits:** 4

**EDUC 316: Strategies for Tchg Eng Lang**

This course is designed to help teachers understand critical issues that influence the language learning and educational achievement of culturally and linguistically diverse students. The course will provide pre-service candidates without a background in ELL pedagogy with rudimentary information about the characteristics of non-native speakers, the influence of English language acquisition on student performance and classroom interactions, and best-practice, instructional strategies that can enable them to successfully access core curriculum and achieve high academic outcomes.

**Credits:** 3

**EDUC 321: Literature & Writing in Urban, Elementary Schools**

This course addresses the functions of literature in child development, criteria for selecting literature for children, and methods of using children's literature in the classroom. Candidates will explore oral and written literary traditions and the major genres and types of children's literature. Candidates will plan and present classroom activities with a specific emphasis on curriculum integration and the use of asset-based approaches for developing the literary and writing skills of urban, culturally and linguistically diverse elementary school students.

**Credits:** 3

**EDUC 322: Teaching Language Arts and Social Studies in Urban Elementary Schools**

This course provides pre-service candidates with knowledge, skills, and dispositions they need to provide evidence-based instruction in literacy and social studies to African American and other diverse learners in inclusive, urban, elementary school settings. The course employs a balanced approach to teaching language arts and social studies that includes multiple methods of instruction and technology. The course emphasizes the use of asset-based theories and applications to provide elementary students with culturally affirming instruction in reading, writing, speaking, listening, and social studies.

**Credits:** 3

**Prerequisites:**

Department Approval

**EDUC 323: Literacy Assessment & Instructional Frameworks in Urban, Elem Schools**

This course provides pre-service/in-service candidates with knowledge, skills, and dispositions to assess and support the literacy development of African American and diverse learners in grades 1-6 in urban settings. Candidates will engage in practical experiences for diagnosing, monitoring, preventing, and remediating literacy difficulties using a range of formal and informal reading assessments. Emphasis on asset-based theories and applications will provide candidates with instructional approaches for enhancing literacy achievement.

**Credits:** 3

**EDUC 324: Teaching Social Studies, Arts, Health and PE in Urban Elem Schools**

This course focuses on the aims, scope, and integration of methods for teaching the Arts, Health and Physical Education across the curriculum. The course utilizes a constructivist approach to teaching and learning that enables candidates to devise, select, and implement effective instructional strategies for developing diverse learners' knowledge and skills in the arts, health education and physical education. A considerable field experience component is included.

**Credits:** 4

**EDUC 410: Pedagogy & Content Literacy**

This course emphasizes research-based teaching and learning principles for achieving content-specific and broader outcomes. Moreover, this course focuses on helping candidates to prepare students to handle content literacy demands of the discipline. Methods, strategies, technology, and program models appropriate for secondary students are explored.

**Credits:** 3

**Prerequisites:**

Department Approval

**EDUC 412: Research Foundations & Methods for Classroom Teachers**

This course is designed to equip candidates with the knowledge, skills, and dispositions that are essential to functioning as competent researchers, with a specific emphasis on teacher-led research. By providing multiple experiences that enable candidates to evaluate and conduct educational research, the course broadens candidates' knowledge of literature related to current trends in curriculum and teaching, increases their ability to generate sound educational research, and facilitates their development as reflective professionals and educational change agents. As a final course requirement, candidates will plan, implement, analyze, and interpret the results of an action research project.

**Credits:** 3

**EDUC 420: Interdisciplinary Research in STEM**

This course facilitates candidates' ability to develop science, technology, engineering, and mathematics (STEM) related research projects using tools, models, and theories from a variety of disciplines, emphasizing knowledge of multiple perspectives and research methodologies. Candidates will form interdisciplinary research teams to explore the implications and impacts of interdisciplinary, transdisciplinary, and multi-disciplinary research in urban school settings.

**Credits:** 3

**EDUC 430: Methods and Instructional Technology**

This course also emphasizes the design and facilitation of learning environments that apply technology-enhanced instructional strategies to maximize student learning. Candidates will apply current research and instructional design principles to create 21st century learning experiences for students.

**Credits:** 3

**EDUC 450: Internship and Classroom Management.**

This course is the seminal clinical internship for prospective teachers and new teachers. The course is designed to prepare prospective and new teachers for teaching in the urban and diverse settings. Students are given opportunities to develop patterns of thinking and knowing with respect to an understanding of self as teacher. The internship is centered on the critical activities of teaching and learning – planning lessons, evaluating student work, developing curricula, and enforcing standards on a full-time basis. The internship provides an opportunity to better understand and discover practical applications of the INTASC Standards. The support seminar fosters analysis and communication of these understandings and discoveries.

**Credits:** 9-12

**Prerequisites:**

Department Approval.

**EDUC 450: Internship and Classroom Management.**

This course is the seminal clinical internship for prospective teachers and new teachers. The course is designed to prepare prospective and new teachers for teaching in the urban and diverse settings. Students are given opportunities to develop patterns of thinking and knowing with respect to an understanding of self as teacher. The internship is centered on the critical activities of teaching and learning – planning lessons, evaluating student work, developing curricula, and enforcing standards on a full-time basis. The internship provides an opportunity to better understand and discover practical applications of the INTASC Standards. The support seminar fosters analysis and communication of these understandings and discoveries.

**Credits:** 9-12

**Prerequisites:**

Department Approval.

**EDUC 480: International Internship & Special Topics Seminar**

International Internship & Special Topics Seminar. The course offers students the opportunity to integrate pedagogical and theoretical concepts related to teaching and learning in an international context. Candidates will develop global competencies and teaching skills via exposure to international students and educational environments. The seminar aspect of the course will employ online discussions, journal writing, and interdisciplinary readings to enrich candidates' cross cultural experiences and facilitate their intercultural development.

**Credits:** 9

## HUDV - Human Development

**HUDV 001: Fresh Orientation Sem-Humn Dev**

Designed to provide incoming students with transition into college life and the academic structure of the human development major.

**Credits:** 1

**HUDV 004: Honors Directed Reading**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor

**Credits:** 1

**HUDV 006: Honors Undergraduate Research**

Instructor-guided instruction focused on the course topic. Students are required to complete a significant research paper or project.

**Credits:** 1

**HUDV 008: Honors Thesis**

Support the conceptualization and development of a thesis or capstone project under the supervision of the faculty adviser.

**Credits:** 1

**HUDV 095: Hmn Dev, Family, Culture & Soc**

Examines interrelationships between the individual, the family, and the social, physical, and cultural environments over the lifespan. Reviews major theories of human development from infancy throughout the course of the lifespan. Applications of these theories to contemporary issues in human development in urban contexts will be made.

**Credits:** 3

**HUDV 113: Prenatal Infant & EC Dev**

Examines developmental nature and determinants, conception to two years, emphasizing the environment.

**Credits:** 3

**HUDV 114: Growth & Dev in Child & Adoles**

Deals with growth and development from early childhood to early adolescence.

**Credits:** 3

**HUDV 118: Youth Placed at Risk**

Examines development gone awry during infancy, childhood and adolescence from ecological, developmental, cultural, and other theoretical frameworks.

**Credits:** 3

**HUDV 119: Diverse Youth of Color**

Examines the changing status of ethnic, racial, and cultural groups of color within the U.S.; reviews interdisciplinary theoretical frameworks with applications to and emphasis on risk and resiliency to populations within supportive and non-supportive environments; learn perspectives about youth, families, and communities of color from personal narrative accounts, advocacy organizations, historical, monuments, remembrances and celebratory events.

**Credits:** 3

**HUDV 120: Perspectives of Human Dev**

Examines major historical, theoretical and philosophical perspectives on the field of human development. Popular theories of human development will be critiqued, and the role of culture in human development will be stressed. Global issues related to human development will also be examined.??

**Credits:** 3

**HUDV 141: Risk & Resiliency in Families**

Examines social, ethnic, historical, and cultural contexts of dating, marital, and familial interactions with an emphasis on strengthening relationships and promoting resiliency; explores theories of attraction, mate selection and family behavior and changes in marital patterns over time; learn how individuals and families manage risk, conflict, and crisis and gain knowledge on qualities of successful relationships???

**Credits:** 3

**HUDV 143: Parentology: Thry, Rsch & Supp**

Explores research and theories of parenting; parenting principles techniques and skills for dealing with parenting situations at various developmental stages across the lifespan; historical and social-contextual factors; and parental influences on rearing children.

**Credits:** 3

**HUDV 147: Admin & Super of Chld Dev Prgm**

**Credits:** 3

**HUDV 148: Research in Human Development**

Focuses on quantitative and qualitative approaches in research methods. In this course students will learn how to conduct research in human development across the lifespan. Students will have the opportunity to engage in metacognitive reflexive practice, problem solving, and critical thinking as we address critical issues in research methods and analysis.

**Credits:** 3

**HUDV 149: YouthCnsmr Cult & Earth**

Examines how youth, families, society, and Earth as stakeholders are impacted by 24/7 pernicious marketing of products and services in consumer and digital culture using interdisciplinary theoretical frameworks; reviews how stakeholders, are placed at risk for social problems from hyper-marketing and over-consumption; learn about stakeholders social problems, debates and controversies, actions that stakeholders take to protect themselves, and protective policies, laws, and programs from governments, corporations, and non-profit advocacy organizations.

**Credits:** 3



**HUDV 150: Positive Aging in Adult Dev.**

Examines biological, cultural, and social experiences that influence aging in adulthood and later life; challenges longstanding views of middle and later life as periods of decline by looking at protective factors as well as the normative losses; learn to apply theoretical and practical information to influence own and other individuals positive development as aging adults ?

**Credits:** 3

**HUDV 151: Thanatology: Death and Dying**

The study of behavioral and emotional aspects of death and dying.

**Credits:** 3

**HUDV 169: Field Exper in Human Develop**

Involves selective field experiences in infancy, childhood, adolescence, adulthood, aging, or parentology.

**Credits:** 6

**HUDV 191: Service Learning in Human Dev.**

Provides an opportunity for students to engage in structured community outreach programs, provide service in a variety of community based human development settings, and reflect on their experiences. Settings include child development centers, juvenile detention programs, school-based tutoring projects, homeless shelters, hospitals, research projects, clinics and a variety of other contexts serving community needs.

**Credits:** 3

**HUDV 202: Honors First Semester Sem. I**

An instructor-led course, usually credit-bearing, with a small number of students collectively exploring the human development major and the honors program.

**Credits:** 1

**HUDV 203: Honors Second Semester Sem. I**

**Credits:** 1

**HUDV 204: Honors Directed Readings**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**HUDV 206: Honors Practical Applications**

**Credits:** 1

**HUDV 207: Honors Undergrad Research I**

A supervised study on a research project chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**HUDV 209: Honors Thesis I**

Support the the conceptualization and development of a thesis or capstone project under the supervision of the faculty adviser.

**Credits:** 1

# CIEG - Civil Engineering

## COURSE DESCRIPTIONS

### **CIEG 102: Intro to Civil Engineering**

Introduces the student to the disciplines within civil engineering and skills needed for success in the major and profession, including MathCAD.

**Credits:** 3

**Prerequisites:**

EGPP 101.

### **CIEG 104: Civil Eng Software & Design**

Civil engineering involves the planning, design, construction, and operation of facilities that support the quality of life for all people, from road networks to water treatment systems to buildings and their foundations. This course will utilize a variety of teaching and learning techniques to introduce students to the civil engineering discipline, including the concentration areas of transportation, environmental, water resources, structural, and geotechnical engineering. Students will work individually to conduct research on civil engineering topics and familiarize themselves with skills/tools needed for success in the field including the following: technical writing, MathCAD, and AutoCAD. By the end of the course, students will be able to: Use MathLab, MathCAD and AutoCAD to complete basic engineering analyses and design. Identify and describe the civil engineering disciplines. Prepare and deliver effective oral presentations. Demonstrate technical writing competencies appropriate for civil engineering practice.

**Credits:** 3

**Prerequisites:**

EGPP 101.

### **CIEG 202: Statics**

Introduction to vectors, pseudo-graphical and analytical micro-computer aided resolution and composition of forces; equilibrium of collinear, concurrent, and non-concurrent two and three dimensional force systems, as applied to particles and rigid bodies. Coulomb friction; Hooke's law; introductory application of equilibrium, compatibility, and constitutive relations in the determination of forces moments, displacements and rotations of simple deformable bodies and biomechanical systems, using simple computer aids.

**Credits:** 3

**Prerequisites:**

MATH 157; PHYS 013.

### **CIEG 207: Environmental Engineering**

Introduces concepts in water supply, water and wastewater treatment, air quality, solid and hazardous waste management, and social and ethical considerations. Provides a brief history and background of environmental engineering.

**Credits:** 3

**Prerequisites:**

CHEM 003.

### **CIEG 208: Intro Structural Protection Sys**

An introductory course about the application of emerging technologies for the protection of civil engineering structures and basic concepts for analysis and design.

**Credits:** 3

**CIEG 301: Mechanics of Materials Lecture**

Introductory analysis of tension, compression and shear; analysis of stress and strain; ties, shafts, beams and columns; related laboratory experiments and computer applications; introduction to structural analysis and design. This course must be taken during the same semester as CIEG 301b, Mechanics of Materials Lab. Exceptions must be approved by Instructor prior to course registration.

**Credits:** 3

**Prerequisites:**

MATH 159; CIEG 302, Coreq.: MEEG 309.

**CIEG 302: Dynamics**

Study of motions of particles; particle systems, rigid bodies and simple deformable mass system; rectilinear and curvilinear kinematics; Newton's laws of motion and gravitation; work energy and impulse-momentum principles; conservation laws for energy and momentum; introduction to vibrations; computer-aided applications.

**Credits:** 3

**Prerequisites:**

CIEG 202; Coreq.: MATH 159.

**CIEG 303: Mechanics of Material Lab**

Experimental laboratory to accompany Mechanics of Materials lecture. This course is a co-requisite of CIEG 301, Mechanics of Materials Lecture.

**Credits:** 1

**CIEG 311: Fluid Mechanics Lecture**

Theoretical studies of fluid properties, hydrostatics, and kinematics of fluid motion; continuity; Bernoulli; impulse-momentum; drag and resistance to flow laboratory studies. This course must be taken during the same semester as CIEG 311b, Fluid Mechanics Lab. Exceptions must be approved by Instructor prior to course registration.

**Credits:** 3

**Prerequisites:**

MATH 159; CIEG 302.

**CIEG 313: Fluid Mechanics Lab**

Experimental laboratory to accompany Fluid Mechanics lecture. This course is a co-requisite of CIEG 311, Fluid Mechanics Lecture.

**Credits:** 1

**CIEG 314: Structures I**

Includes forms and concepts; statically determinate structures; and reactions, shears, moments, and deflections in beams, trusses, and frames. Introduction to design of simple elements and connections.

**Credits:** 3

**Prerequisites:**

CIEG 301.

**CIEG 328: Unit Ops in Env Engineer**

Analysis and basic design of treatment facilities for the remediation of air, water and land pollution.

**Credits:** 3

**Prerequisites:**

CIEG 207.

**CIEG 349: Analysis Methods in Civil Engineering**

The course includes a method in civil engineering including structural systems and basic analysis methods for beams, frames, and trusses.

**Credits:** 3

**CIEG 350: Engineering Economics**

Examines principles of accounting, time value of money, depreciation, taxes, retirement, and economic analysis of alternatives for use in personal finances and engineering projects.

**Credits:** 3

**Prerequisites:**

MATH 157. {Note: replaces Engineering Systems Analysis}

**CIEG 351: Probability & Stats**

Stochastic and deterministic statistical modeling: probability and statistics for univariate analysis including probability density functions, confidence intervals and hypothesis testing. Probability and statistics for multivariate analysis including regression analysis, confidence intervals and hypothesis testing; PCA, ANOVA, and risk-based design concepts.

**Credits:** 3

**Prerequisites:**

MATH 158.

**CIEG 352: Water Resources Engineering I**

Classical and statistical hydrology: hydrologic cycle, hydrologic processes, physical watershed characteristics, hydrologic modeling, collect analyze and interpret meteorological and hydrologic data using statistical analysis for design of hydrologic and hydraulic structures. Remote sensing data in hydrology.

**Credits:** 3

**Prerequisites:**

CIEG 351.

**CIEG 354: Engineering Economics**

Examines principles of accounting, time value of money, depreciation, taxes, retirement, and economic analysis of alternatives for use in personal finances and engineering projects.

**Credits:** 3

**Prerequisites:**

MATH 157 (**Note: Replaces Engineering Systems Analysis**)

**CIEG 400: Special Topics in Civil Engineering**

Presentation of material not normally available in regular course offerings or offering of new courses on a trial basis. Content determined by faculty member in consultation with the Department Chair.

**Credits:** 3

**CIEG 407: Intelligent Transportation Sys**

Command, controls and communications in modern multimodal transportation; infrastructure/highway and vehicle automation, advanced traffic management, vehicle control and safety systems; information data, and sensory requirements; practical application.

**Credits:** 3

**Prerequisites:**

CIEG 416, CIEG 465

**CIEG 408: Summer Undergraduate Research**

Requires a student to conduct research under the directives of an instructor. Students must seek and receive the approval of the instructor prior to enrollment in this course. The selected research topic must broaden the student's understanding of one of the five emphasis areas

**Credits:** 3

**CIEG 416: Transportation Engineering**

Involves planning and design of highways. Students work in teams during the preparation of the required design plans, cost estimates and project reports.

**Credits:** 3

**Prerequisites:**

CIEG 207; CIEG 302; CIEG 350.

**CIEG 419: Structures II**

Theory of structural principles; determinacy and stability, approximate analysis of statically indeterminate structures; influence lines and moving loads; calculation of deflections; analysis of statically indeterminate structures using flexibility method.

**Credits:** 3

**Prerequisites:**

CIEG 314.

**CIEG 420: Matrix Structural Analysis**

Continuation of analysis of statically indeterminate structures; moment distribution; introduction to matrix formulation of the direct stiffness method (emphasized) and the flexibility method (for reference); elementary finite element analysis techniques; introduction to nonlinear (plastic) analysis; structural stability; and structural dynamics.

**Credits:** 3

**Prerequisites:**

CIEG 419

**CIEG 422: Steel Design**

Principles of structural design, loads, types of steels, tension members, columns, non-composite and composite beams, beam-columns, column base plates, and simple bolted and welded connections. The use of the AISC LRFD specification is emphasized and a comprehensive group design project is assigned.

**Credits:** 3

**Prerequisites:**

CIEG 314.

**CIEG 433: Foundations**

Based on the principles of soil mechanics, fluid mechanics, and solid mechanics, covers the bearing capacity and settlement analysis of shallow and mat foundations, an introduction to deep foundations, and design of earth retaining structures. Analytical, empirical, and computational methods are used.

**Credits:** 3

**Prerequisites:**

CIEG 434.

**CIEG 434: Soil Mechanics Lecture**

Provides for appreciation and understanding of the engineering properties of soils and how they relate to design and construction, including soil identification and classification. This course must be taken during the same semester as CIEG 434b, Soil Lab. Exceptions must be approved by Instructor prior to course registration.

**Credits:** 3

**Prerequisites:**

CIEG 301, CIEG 311; Corequisite: CIEG 438

**CIEG 435: Reinforced Concrete**

Theory and design of reinforced concrete structural members and entire structural systems according to the ACI Building Code Requirements. The students will apply fundamentals and basic design procedures to reinforced concrete members (beams, slabs, columns and footings).

**Credits:** 3

**Prerequisites:**

CIEG 314.

**CIEG 438: Soil Mechanics Lab**

This laboratory course accompanies the Soil Mechanics lecture. Example tests are permeability, shear strength, and consolidation.

**Credits:** 1

**Prerequisites:**

Corequisite: CIEG 434 or instructor approval.

**CIEG 439: Senior Design I**

This course is concerned with the planning, management, teaming and project development phase for the culminating design to be covered in CIEG 44.

**Credits:** 1

**Prerequisites:**

CIEG 314; CIEG 328; CIEG 350; CIEG 352; CIEG 416; CIEG 434.

**CIEG 440: Water and Wastewater Treatment**

Advanced design of facilities for water and wastewater treatment including design ranges, regulations, economics and ethics of environmental design.

**Credits:** 3

**Prerequisites:**

CIEG 328.

**CIEG 441: Senior Design II**

The capstone design project integrates the many sub-disciplines of civil engineering into a single project. Beginning with a specification, the process passes through preliminary and detailed design culminating in a written report and verbal presentation.

**Credits:** 3

**Prerequisites:**

CIEG 439.

**CIEG 442: Advanced Foundations**

Case histories are presented to illustrate typical design and construction problems. Further coverage includes deep foundations and soil exploration and improvement techniques. Focus is placed on behavior, which departs from traditional foundation design expectations.

**Credits:** 3

**Prerequisites:**

CIEG 433.

**CIEG 445: UG Research Water Resource**

Requires a student to conduct research under the directives of an instructor. Students must seek and receive the approval of the instructor prior to enrollment in this course. The selected research topic must broaden the student's understanding of one of the five emphasis areas.

**Credits:** 3

**Prerequisites:**

CIEG 351; Approval of Instructor.

**CIEG 457: Advanced Hydrology**

Students model the hydrologic cycle and hydrologic processes to learn about and apply hydraulic models such as those hosted by the WMS (Watershed Modeling System) software, including the US Army Corps HEC-1 model and the SCS TR-20 and TR-55 models. GIS software ArcView and one of its extensions WMSHydro.avx are also used to prepare data for use in WMS models.

**Credits:** 3

**CIEG 462: Seminar**

Forum for presentation of current topics of interest in civil engineering by individuals from industry, government and practice.Co-req.: CIEG 441.

**Credits:** 1

**CIEG 463: Water Resources Planning**

Presents basic concepts in the planning of water resources development systems; analytical techniques, basic information required for planning; and examples for planning flood control, wastewater management, and water supply systems.

**Credits:** 3

**Prerequisites:**

Senior status.

**CIEG 464: Engineering Project Mgmt**

Involves planning performing and controlling of engineering projects; introduces management roles, principles and procedures, as well as project proposal writing.

**Credits:** 3

**Prerequisites:**

CIEG 350 or equivalent. {Note: CIEG 350 Engineering Systems Analysis is now Engineering Economics.}

**CIEG 465: Traffic Engineering**

Involves the collection and use of traffic engineering data and introduces students to traffic operations and safety. Students use software for capacity analysis and signal optimization. Students are required to prepare reports.

**Credits:** 3

**Prerequisites:**

CIEG 351; 416

**CIEG 466: Traffic Engineering II**

Involves the introduction to traffic impact analysis, and use of traffic simulation models for evaluating traffic operation on highway networks, including traffic impact studies and signal warrant analyses.

**Credits:** 3

**Prerequisites:**

CIEG 465.

**CIEG 467: Construction Project Mgmt**

This course covers elements of management related to construction projects; responsibilities of construction managers, on-site representatives, engineers and inspectors; concept of developing the project team approach. The student will gain knowledge of the roles and responsibilities of a project manager, including technical and management skills and an overview of the phases in a construction project. The student will develop knowledge and skills in safety, interpersonal communication, negotiation and conflict resolution, construction documents, construction planning, estimating and cost control, scheduling, resource control, quality control and continuous improvement. Students will also be introduced to construction project management software program(s) used in the industry.

**Credits:** 3

# Computer Science

## **CSCI 203: Object-Oriented Programming Using Java**

This course provides an introduction to Java programming and object-oriented programming concepts for students with previous programming experience in C/C++. The course provides a comprehensive overview of basic programming concepts in the Java programming language using an object-oriented approach.

**Credits:** 1

**Prerequisites:**

CSCI 135

## **CSCI 212: Linux Lab**

This course will present the basic concepts of LINUX and UNIX operating systems. Topics that will be examined include Vi editor, Linux Command, directories, Disks and File systems, Users and Groups, File Permissions, Processes, file compression, basic network use, manage files, create and modify files, and Shell script.

**Credits:** 1

## **CSCI 263: Web Makers**

Interested in learning web development but not sure where to start? Come join web makers and you will have your first web server up in one class! In this class, students will start with the basics and work up to a deep dive into making for the web. Students will be learning HTML, CSS and Javascript. This class will be about creation and students will become the maker. While no previous knowledge of web development is required, makers will be expected to have a working knowledge of programming concepts. Makers must be motivated to explore the syntactic nuances of these languages independently.

**Credits:** 3

**Prerequisites:**

CSCI 100 or some programming experience.

## **CSCI 364: Web Services**

Presents topics in distributed computing with particular emphasis on Web Services using Microsoft .NET Framework. Also discussion on layered protocols, the client-server model, remote procedure call. Students program extensively in C# and Visual Basic .NET.

**Credits:** 3

**Prerequisites:**

Co-requisites: 306-401 Operating Systems

## **CSCI 383: Introduction to Affective Biometrics**

Affective computing represents a broad, interdisciplinary research and practice area focusing on a range of topics, including: computational models of emotion, cognitive-affective architectures, affective user modeling; emotion sensing and recognition; emotion expression; and the use of emotions to improve human-computer interaction across a range of contexts including health informatics and immersive environments. This course will provide an introduction to affective computing and human-computer interaction through a combination of lectures, student presentations of selected literature, projects and class discussions. The course content and format will be appropriate for computer science, cognitive science, psychology, human factors, and industrial engineering students (advanced undergraduate/graduate). Students in this course will design an experimental study to examine how emotional states like stress, anxiety, frustration, anger, and/or depression can be measured through the use of mobile applications. At the end of the course, students will be paired with a student from the Architecture Department class called Immersive Environments to perform a study on how to design immersive environments to reduce stress, anxiety, frustration, anger, and/or depression.

**Credits:** 3



### **CSCI 400: Computer & Network Forensics I**

Computer and Network Forensics I is the first course in the two semester series on computer and network forensics, and focuses on computer system forensics (while the second course on network forensics). It consists of three major components: assembly level reverse engineering (to understand the logic of a program given only machine code), file system forensics (to find traces of past activities on data stored in nonvolatile storage) and memory forensics (to find traces of past stalactites on data stored in volatile storage). It will also briefly discuss the law aspect of digital forensics. In order to understand the materials, students are expected to have the following prerequisites: good programming skills in both high level (preferably C/C++) and assembly level, operating systems and basic familiarity with Linux and Windows.

**Credits:** 3

### **CSCI 403: Introduction to Big Data Analysis**

The primary goal of big data analytics is to analyze large volume of data. The analysis of big data requires the organization, storage, and processing of data at a scalable and efficient way which goes beyond the capabilities of traditional information technologies. In this course, we will cover modern massive data analysis technologies including different platforms, models, and languages, we will also look at real world applications and how they can be implemented on big data platforms. Topics in this course include: Map reduce/Hadoop, NoSQL stores, languages such as Pig Latin and JAQL, large-scale data mining and visualization. It will include programming projects that will provide students with hands-on experience on building data-intensive applications using existing big data tools and platforms.

**Credits:** 3

### **CSCI 430: Computer & Network Forensics II**

This class will discuss advanced computer forensics topics and network forensics. knowledge points include virtual machine forensics, mobile device forensics, cloud forensics, email and social media investigation, network traffic capture and analysis, network application log analysis

**Credits:** 3

#### **Prerequisites:**

CSCI 450; CSCI 211

### **CSCI 433: Introduction to Database Security**

An overview of both the theory of and applications for providing effective security in database management systems. Topics include conceptual frameworks for discretionary and mandatory access control, data integrity, availability and performance, secure database design, data aggregation, data inference, secure concurrency control, and secure transactions processing. Models for multilevel secure databases for both relational and object-relational databases are analyzed. Assignments focus on database security concepts.

**Credits:** 3

### **CSCI 440: Object-Oriented Programming**

Introduces the fundamentals of object-oriented information system development with a focus on analysis and design phases. Data modeling and design principles such as data abstraction, information hiding, modularity, and coupling are viewed in the context of object-oriented paradigm. For object-oriented modeling Unified Modeling Language (UML) is introduced and used extensively throughout the course. Issues relating to making the transition from other software development methodologies are examined and risks involved in object-oriented process are discussed.

**Credits:** 3

#### **Prerequisites:**

CSCI 354

**CSCI 451: Applied Wireless Networking**

This course covers applied wireless networking principles from a historical, current, and future perspective. Topics that will be examined include wireless cellular networks 1G, 2G, 2.5G, 3G, 4G (LTE), and future 5G networks, IEEE wireless specifications 802.11 wireless LANs (Wi-Fi), 802.15 (WPAN, Bluetooth, UWB, ZigBee, Mesh network), IEEE 802.16 (WiMAX), IEEE 802.20 (Mobile broadband wireless access), IEEE 802.21 (Media Independent Handover), (IEEE 802.22) Wireless Regional Area Networks, addressing and routing to mobile users, mobility management, quality of service, wireless multiplexing techniques, and wireless security.

**Credits:** 3

**CSCI 460: Advanced Systems Administration**

Advanced system administration course provides a strong practical experience to Linux and Solaris operating systems. The course includes topics such as Samba (Windows file and print sharing), Email, Web serving with Apache, remote access, networking setup, Internet proxy services, fire wall and security administration, deploy LDAP in a Linux, Solaris and windows environment and also compile, configure and patch a Kernel module.

**Credits:** 3

**Prerequisites:**

CSCI 211

**CSCI 474: Computational Biology**

Introduces computational methods for understanding biological systems at the molecular level. Problem areas such as mapping and sequencing, sequence analysis, structure prediction, phylogenetic inference, regulatory analysis. Techniques such as dynamic programming, Markov models, expectation-maximization, local search.

**Credits:** 3

**Prerequisites:**

CSCI 470; MATH 189

**CSCI 478: Engineering Economic System Design**

Presents methodology for system design. Methodology begins with identification and definition of private sector problems to which solutions are justified by economics. Discusses selection of appropriate economic measures for comparing alternative solutions such as present worth, equivalent annual cost, cost/benefit ratio, life cycle cost, return on investment pay back period. Presents different techniques for modeling alternative solutions to the problems and predicting cost. Other topics discussed include decision-making, system implementation, operations and retirement

**Credits:** 3

**Prerequisites:**

CSCI 376

**CSCI 480: Digital Media & Multimedia Applications**

This course provides an introduction to digital media fundamentals including audio, video formats, storage and delivery. Windows Media and other technology will be extensively utilized as a method for digital content manipulation, rights management and internet transfer. Students will be exposed to basic internet architecture, operations and useful world wide web (WWW) resources. In addition, a practical understanding of digital computational devices, communication ports and connection cables will be acquired.

**Credits:** 3

**Prerequisites:**

Junior Standing.

# EECE - Electrical Engineering

## COURSE DESCRIPTIONS

### **EECE 101: Intro to Engineering**

**Credits:** 2

### **EECE 102: Intro to Elec & Comp Eng**

Continuation of EGPP 101 as related to the electrical engineering profession. Organized in five (5) Blocks: Descriptive, Environment, Technical, Practical (Hands on), and Projects, students are introduced to various engineering issues related to the profession of electrical engineering. Historical perspectives and Electrical Engineering Education / Profession and Design are reviewed. Ethics, social / environmental / cultural / religion issues facing electrical engineers in a global work environment are discussed. An overview of electrical engineering discipline and five major classifications of electrical systems in communication, computer, control, power, and signal processing is presented. Technical aspects and safety considerations of a typical electrical engineering laboratory are introduced. A capstone term project requires assembling an electrical system (e.g., a robot kit) and its study and presentation from a system point of view

**Credits:** 1

#### **Prerequisites:**

EGPP 101

### **EECE 156: Math I Lab**

The purpose of this course is to develop students' problem solving skills, and improve their understanding of the calculus techniques and concepts they learn in Math 156 (Calculus I). Topics include: Algebra Review, Limits, Continuity, Derivative: definition, rules: sum, quotient, product, power, chain, Implicit Differentiation, Applications of the Derivative: related rates, max/min problems, L'Hospital's Rule, Anti-derivative, Integration.

**Credits:** 1

#### **Prerequisites:**

Corequisite MATH 156. Offered Fall and Spring Semesters

### **EECE 157: Math Lab II**

The purpose of this course is to further develop students' problem solving skills, improve their understanding of the calculus techniques and concepts they learn in Math 157 (Calculus II), and help them see how calculus can be used to solve engineering problems. Topics include: integration techniques, applications of integration, polar functions and parametric functions, sequences and series.

**Credits:** 1

#### **Prerequisites:**

MATH 156, MATH 157. Offered Fall and Spring Semesters.

### **EECE 158: Math Lab III**

The purpose of this course is to further develop students' problem solving skills, improve their understanding of the calculus techniques and concepts they learn in Math 158 (Calculus III), and help them see how calculus can be used to solve engineering problems. Topics include: Vectors and scalars, Dot and Cross Product, Vector Differentiation, Gradient, Divergence, and Curl, Vector Integration, Divergence Theorem, and Stokes' Theorem.

**Credits:** 1

#### **Prerequisites:**

MATH 157; Corequisite MATH 158. Course offered Fall and Spring semesters.

**EECE 160: Engineering Math**

Course introduction; history and importance of engineering Mathematics, trigonometry in engineering, 2-D vectors in engineering, complex numbers in engineering, 3-D vectors in engineering, systems of equations in engineering, application of derivatives in engineering, application of integrals in engineering, solving differential equation, applications of differential equations in engineering, Laplace transforms and applications, Interdisciplinary Applications.

**Credits:** 4

**Prerequisites:**

MATH 157. Offered Spring Semester.

**EECE 200: Intro to Computer Engin**

Introduction to key concepts in computer organization. Discussion of number representations, switching circuits, logic design, microprocessor design, assembly language programming, input/output, interrupts and traps, direct memory access, structured program development.

**Credits:** 3

**Prerequisites:**

ENGL 022 , MATH 156, PHYS 013. Co-requisite: EECE 206. Course Offering: Fall Semester

**EECE 202: Network Analysis I**

Includes Ohm's and Kirchoff's Laws: V-I laws for RLC elements, circuit analysis tools, Thevenin and Norton's theorems, Response of RC, LC and RLC circuits, operational amplifiers, and introduction to PSPICE.

**Credits:** 3

**Prerequisites:**

MATH 157, and PHYS 014. Co-requisite: MATH 159 and EECE 208. Course Offering: Spring Semester

**EECE 203: Fundamental of Circuit Theory**

Understanding of basic circuit theory, circuit theorems, dc, ac circuits, magnetic circuits, transients, Laplace and Fourier transforms, Fourier series, electric devices, 2-port network, basic filters and op-amps.

**Credits:** 4

**Prerequisites:**

PHYS 014; PHYS 024. Corequisite EECE 209. Offered Spring Semester.

**EECE 206: Intro Computer Lab**

Laboratory with experiments designed to provide an overview of computer engineering: Covers fundamental concepts, digital circuits, and assembly language programming.

**Credits:** 2

**Prerequisites:**

ENGL- 022, MATH 156 and PHYS 013. Co-requisite: EECE 200. Course Offering: Fall Semester

**EECE 208: Intro to Electrical Eng Lab**

Hands-on experience in using electronic lab instrumentation. Lab experiments illustrate Ohm's and Kirchhoff's laws, Thevenin and Norton's theorems for resistive circuits. Transient and frequency response of RC circuits. Diodes, operational amplifiers, transistors, basic digital logic gates. Every lab session includes hardware measurement and PSPICE simulation.

**Credits:** 1

**Prerequisites:**

MATH 157, and PHYS 014. Co-requisite: EECE 202. Course Offering: Fall and Spring Semesters (mainly for non-EE and non-CE majors)

**EECE 209: Fundl of Circuit Theory Lab**

Understanding of hands-on labs associated basic circuit theory, circuit theorems, dc, ac circuits, operational amplifiers (op-amps), electric devices network, basic filters and op-amps.

**Credits:** 1

**Prerequisites:**

PHYS 014, PHYS 024. Co-requisite EECE 203. Offered Spring Semester

**EECE 211: Digital Systems Design**

Introduction to hardware building blocks used in digital computers and systems. Introduces number systems (including binary, octal and hexadecimal), Boolean algebra, two-level/multilevel logic minimization/simplification using K-Maps and Quine-McCluskey methods, combinational logic circuit design and implementation with available SSI, MSI, and programmable logic devices (PAL, PLA, multiplexers, encoders, ROMS). Practical considerations such as hazard and glitches are treated. Basics of sequential logic design including latches, flip-flops, registers, counters, finite state machines design, minimization, and implementation are presented.

**Credits:** 3

**EECE 211 [Old 311]: Digital Systems Design,**

Introduction to hardware building blocks used in digital computers and systems. Introduces number systems (including binary, octal and hexadecimal), Boolean algebra, two-level/multilevel logic minimization/simplification using K-Maps and Quine-McCluskey methods, combinational logic circuit design and implementation with available SSI, MSI, and programmable logic devices (PAL, PLA, multiplexers, encoders, ROMS). Practical considerations such as hazard and glitches are treated. Basics of sequential logic design including latches, flip-flops, registers, counters, finite state machines design, minimization, and implementation are presented.

**Credits:** 3

**Prerequisites:**

Sophomore Standing for EE Students.

**EECE 212: Fundamental of Digital Systems**

Introduction to hardware building blocks used in digital computers and systems. Introduces number systems (including binary, octal and hexadecimal), Boolean algebra, two-level/multilevel logic minimization/simplification using K-Maps and Quine-McCluskey methods, combinational logic circuit design and implementation with available SSI, MSI, and programmable logic devices (PAL, PLA, multiplexers, encoders, ROMS). Practical considerations such as hazard and glitches are treated. Basics of sequential logic design including latches, flip-flops, registers, counters, finite state machines design, minimization, and implementation are presented.

**Credits:** 4

**Prerequisites:**

Sophomore Standing. Co-requisite: EECE 217. Offered Spring Semester

**EECE 217: Fund. of Digital Systems Lab**

**Credits:** 2

**EECE 218: Fund of Digital Systems Lab**

Laboratory experiments and (mini) projects in design and implementation of simplex to moderately complex combinational and sequential logic circuits provide a practical understanding of concepts covered in EECE 212. Project(s) introduce students to design with programmable logic devices and logic design/simulation software such as Electronics Workbench

**Credits:** 1

**Prerequisites:**

Coreq: EECE 212

**EECE 260: Eng. Programming & Application**

The course uses basic application in science and engineering to bring up major concepts, methods and techniques needed to perform successful computations. The course will cover both procedural programming and object-oriented programming in Python with applications to mathematics, numerical calculus, probability and statistics, physics, and differential calculus

**Credits:** 3

**Prerequisites:**

CSCI 135. Offered Spring Semester

**EECE 301: Network Analysis II**

Deals with transient response of RLC circuits, phase transformations, polyphase circuits, complex power, magnetically coupled circuits, sinusoidal steady-state power calculations, Laplace transformations, inverse Laplace transformations, frequency response, transfer functions, s-domain circuit analysis, frequency selective circuits.

**Credits:** 3

**Prerequisites:**

EECE 202. Course Offering: Fall Semester

**EECE 304: Electromagnetic Theory I**

Electric fields, flux and potential; Coulomb's Poisson's and Gauss's laws; permittivity and conductivity, magnetostatics, magnetic materials, magnetic materials and forces, Biot-Savart law and time varying fields, Maxwell's equations in integral and differential forms, time-domain analysis of waves. Application of electromagnetic theory to transmission lines.

**Credits:** 3

**Prerequisites:**

MATH 158, PHYS 014. Course Offering: Fall Semester

**EECE 305: Fund: Electromagnetics**

Electric fields, flux and potential; Coulomb's Poisson's and Gauss's laws; permittivity and conductivity, magnetostatics, magnetic materials, magnetic materials and forces, Biot-Savart law and time varying fields, Maxwell's equations in integral and differential forms, time-domain analysis of waves. Application of electromagnetic theory to Transmission lines

**Credits:** 4

**Prerequisites:**

MATH 158 and PHYS 014

**EECE 306: Fund: Electromagnetics Lab**

Presenting the fundamental applications of electromagnetic theory and developing modeling and simulation abilities. To provide ECE majors with a firm basis for an understanding of the electrical circuits, the radiation, propagation, and transmission of electric power, as well as the electromagnetic storage systems.

**Credits:** 1

**Prerequisites:**

EECE 305

**EECE 307: Electronics I**

Theoretical analysis of the electronics components: diodes, BJT, JFET, MOSFET, OP-AMPs, and detailed analysis of their use in electronic circuits. DC bias, AC analysis and design of regulated DC power supplies, single stage amplifiers and active filters are the sample real world electronic circuits used throughout the course to illustrate the theoretical material presented. One individual design project is required. Homework requires theoretical derivations and PSPICE simulation.

**Credits:** 3

**Prerequisites:**

EECE 202. Co-requisite: EECE 313. Course Offering: Fall Semester

**EECE 308: Electronics II**

Theoretical analysis and design of differential and multi-stage amplifiers, feedback, power amplifiers, frequency response, Nyquist and Bode plots, active filters and tuned amplifiers, signal generators. The covered sample electronic circuits combine diodes, BJT, JFET, MOSFET and OP-AMPS. One individual design project is required. Homework requires theoretical derivations and PSPICE simulation.

**Credits:** 3

**Prerequisites:**

EECE 307. Co-requisite: EECE 314. Course Offering: Spring Semester

**EECE 309: Fund: Electronics & SS Devices**

Understanding of basic semiconductor devices, characteristics, switching and basic amplifiers, operational amplifiers, frequency response, filters, wave generation, introduction to power electronics, teamwork.

**Credits:** 4

**Prerequisites:**

EECE 203, Coreq: EECE 312

**EECE 310: Principles of Electronics**

This course is open to non-EE and non-CpE students only. The course covers theoretical and practical fundamental principles of electronic devices, circuits and instruments.

**Credits:** 2

**Prerequisites:**

MATH 159, PHYS 014. Course Offering: Fall and Spring Semesters

**EECE 312: Fund: Elec & SS Devices Lab**

Understanding of basic semiconductor devices, characteristics, switching and basic amplifiers, operational amplifiers, frequency response, filters, wave generation, introduction to power electronics, teamwork.

**Credits:** 1

**Prerequisites:**

: EECE 309

**EECE 313: Electronics I Lab**

Hands-on experience in analyzing regulated half/full wave rectifier circuits, BJT, JFET, MOSFET and OP-AMP based single-stage amplifiers. One individual design project with oral presentations is required. Lab sessions involve simultaneous hardware measurement and PSPICE simulation.

**Credits:** 2

**Prerequisites:**

Same as EECE 307. Co-requisite: EECE 307. Course Offering: Fall Semester

**EECE 314: Electronics II Lab**

Hands-on experiences in analyzing multi-stage and power amplifiers, active filters, frequency response. Laboratory experiments cover real world electronic circuits. All the circuits used involve combinations of BJT, JFET, MOSFET and OP-AMP. One individual design project with oral presentations is required. Lab sessions involve simultaneous hardware measurement and PSPICE simulation.

**Credits:** 2

**Prerequisites:**

Same as EECE 308. Co-requisite: EECE 308. Course Offering: Fall Semester

**EECE 318: Energy Conversion**

Review of polyphase circuits, electro-mechanical systems, magnetic circuits, transformers, D.C. and A.C. machines, transmission line theory, and introduction to power electronics, ac, dc drives, computer-aided design.

**Credits:** 3

**Prerequisites:**

EECE 301. Co-requisite: EECE 324. Course Offering: Fall Semester

**EECE 320: Research in Undergraduate Exp**

Research in Undergraduate Experience makes undergraduate students familiar with basics of research. Students practice research on a specific subject under supervision of a faculty member. Students perform literature review on their selected subject and discuss about it to the class. Through this effort, students become exposed to various subjects and understand the importance of and the need for research. The course also teaches students how to present their work to others. It also emphasizes on long life learning. Further, students become familiar with LaTeX as a high-quality typesetting system used for the communication and publication of scientific documents.

**Credits:** 1

**Prerequisites:**

Junior Standing. Offered Spring Semester.

**EECE 324: Energy Conversion Lab**

Treats poly-phase power measurements, power transformer testing, connections, and operation and testing of dc motors and generators, and synchronous machines, transmission lines, and induction motors, basic electronic control of machines.

**Credits:** 2

**Prerequisites:**

Same as EECE 318. Co-requisite: EECE 318. Course Offering: Fall Semester

**EECE 325: Fundamentals of Energy Systems**

This course focuses on the fundamentals of energy systems centered around electric power generation. Starting with the traditional system of large, central power stations connected to their customers by hundreds or thousands of miles of transmission lines, this course covers distributed, renewable, cleaner, smaller generation systems located closer to their loads. In that regard, while other generation sources such as Biomass and Fuel Cells are covered, wind power generation systems and photovoltaic (PV) power generation systems are highlighted in the course

**Credits:** 4

**Prerequisites:**

EECE 203, Coreq: EECE 326

**EECE 326: Fndmnts of Energy Systems Lab**

This course focuses on the laboratory experiments of fundamentals of energy systems dealing with poly-phase power measurements, synchronous machines, transmission line, renewable electricity systems of induction motor/generator. Also emphasized is renewable energy system modeling tools and system development using the modeling tools.

**Credits:** 1

**Prerequisites:**

EECE 325



**EECE 331: Random Variables & Prob for Engr**

Applications of signals and systems control, to communications and signal processing, (digital filter, narrow-band signals, modulation/demodulation, multiplexing control systems, feedback and stability), computer exercises. Applied probability and statistics, sample spaces and events, measure theory, experiments, trials, distributions (such as Poisson, Binomial, and normal), random variables (continuous and discrete), law of large numbers, Chebyshev's inequality, estimation, reliability, and quality. Designing with tolerance, applications of probability and statistics in engineering design

**Credits:** 3

**Prerequisites:**

MATH 159

**EECE 332: Signal & Systems**

**Credits:** 3

**EECE 333: Fundmntls of Signals & Systems**

Design-based course introduces comprehensive treatment of basic signal theory in time and frequency domains. Discrete and continuous time cases are treated simultaneously, covers concepts of signals and systems, convolution of difference and differential systems, block diagrams, state-space realizations and solution, matrix theory, Fourier series, transform techniques (Fourier, FFT, Z and Laplace), frequency response and stability. Exercises include traditional homework problems, computer applications such as MATLAB, C and SIGSYS and hardware design (laboratory generation of various signals and application to systems response) and design projects (Demonstration is required).

**Credits:** 4

**Prerequisites:**

EECE 331

**EECE 350: Operating Syst for Engineers**

Fuses the history and evolution of operating systems, concepts of process management, memory addressing and allocation, files and protection, deadlocks and distributed systems

**Credits:** 3

**Prerequisites:**

CSCI 135 or SYCS 135

**EECE 401: Senior Design I**

Fundamentals of design principles, and engineering applications, design methodologies with emphasis on synthesis and evaluation, design process, reliability, the impact of engineering economy, report writing, ethics and alternative solutions will be discussed

**Credits:** 3

**Prerequisites:**

∴ ADV. MATH., EECE 307., EECE 211., and EECE 332.

**EECE 404: Senior Design II**

To enhance knowledge of engineering design principles to solve real world problems, project planning, analysis, simulation and presentation, economic impact, ethics synthesis. Design areas are selected from solid state electronics, digital systems, communications (signal processing), power/energy systems and controls, power electronics, antennas and microwave and others. Oral presentation (with poster session) as well as written report required

**Credits:** 3

**Prerequisites:**

EECE 401

**EECE 405: Energy Conversion II**

Deals with advanced steady state and transient analysis of electronic machines stability and control, and static converters and inverters.

**Credits:** 3

**Prerequisites:**

ELEG 403.

**EECE 406: Adv Dig Systems Design**

Consists of design, analysis, optimization, and implementation of complex sequential digital systems and finite state machines (FSM). Hardware description languages (HDL), VHDL and/or Verilog, are introduced and will be used to design and implement digital systems. The structure of a computer and its organization will be reviewed. Finite state machine of a Simple CPU will be developed and various implementation alternatives (FSM, time state, jump counters, and microprogramming) of its controller will be studied.

**Credits:** 3

**Prerequisites:**

Prereq.: EECE 211. Coreq.: EECE 412

**EECE 408: Linear Control Systems**

Analysis of time and frequency response of closed loop systems, block diagrams, signal flow graphs, Mason gain, Routh-Hurwitz and Nyquist criteria for stability, root-locus method and system specifications, compensators, state variable methods, introduction to digital control

**Credits:** 3

**Prerequisites:**

EECE 332

**EECE 410: Intro to Computer Networks**

Presents basic concepts of data communication networking and computer communications architectures, including packet switching, local area networks, OSI (Open System Interconnection Architectures), TCP/IP, X.25/ X.75, and SNA (System Network Architecture).

**Credits:** 3

**Prerequisites:**

EECE 322. Course Offering: Spring Semester

**EECE 412: Adv Digital Systems Design Lab**

Laboratory projects will use a PC based Computer Aided Design Tool environment that supports hardware description languages (HDL) such as VHDL and Verilog for design, simulation, and synthesis of logic systems. Early lab exercises (mini projects) will use SSI/MSI chips; then HDL-based design tools and associated methodologies will be introduced to design, simulate, and synthesize complex digital systems for implementation with Programmable Logic Devices and Field Programmable Gate Arrays (FPGA). Teams of two or three students will specify and undertake design projects.

**Credits:** 1

**Prerequisites:**

EECE 406

**EECE 414: Linear Control Lab**

Presents hands-on, design and computational analysis of analog and digital filters, control, drives, compensator design, P, PI and PID controller's use of MATLAB tools.

**Credits:** 1

**Prerequisites:**

Same as EECE 408. Co-requisite: EECE 408. Course Offering: Fall Semester

**EECE 416: Micromputer Design**

Examines microprocessors, support architectures, and hardware/software. Microprocessors' software model and programming, assembly language programming, microprocessor applications, microprocessor-based systems, and microcomputers. Projects will be used to introduce microprocessor applications.

**Credits:** 3

**Prerequisites:**

EECE 211

**EECE 417: Computer Systems Architect**

Core concepts of computer architecture are introduced. Instruction set architectures (both CISC and RISC), Microprogramming, pipelining, memory systems and hierarchy, and I/O architectures are studied. Core concepts of parallel computer architectures are introduced and examples of parallel computers are presented.

**Credits:** 3

**Prerequisites:**

EECE 211. Course Offering: Spring Semester

**EECE 418: Power Electronics I**

Characteristics of power electronics devices, converters, ac-dc, dc-dc, ac-ac, dc-ac, power supplies, cycloconverters, design projects, computer simulations.

**Credits:** 3

**Prerequisites:**

∴ EECE 332, and EECE 307

**EECE 419: Motor Dynamics and Drives**

DC and AC drives, electric motors, microcomputer control, protective relaying, projects, computer simulations.

**Credits:** 3

**Prerequisites:**

EECE 318, EECE 418. Course Offering: Fall Semester

**EECE 420: Intro to VLSI Design**

CMOS technology and theory; CMOS circuit and digital logic design; layout rules and techniques; circuit characterization and performance estimation; CMOS subsystem design; VLSI systems design methods; VLSI CAD tools; laboratory experience in custom VLSI chip design on workstations using concepts in cell hierarchy; final project involving specification, design and evaluation of a VLSI chip or VLSI CAD program. Written report and oral presentation of the final project are required.

**Credits:** 3

**Prerequisites:**

∴ EECE 211, and EECE 308

**EECE 421: Power Systems Analysis I**

Covers one-line diagram per unit quantity, power generation and synchronous machines, transmission line theory, analysis of interconnected systems using load flow studies and computation techniques. Economic operation of power system.

**Credits:** 3

**Prerequisites:**

EECE 318

**EECE 422: Power Com & Control**

Continuation of EECE 421. Introduction to Telecommunication, Fundamentals of Communications, Data Representation and Communication, Power System and Fault Analysis, Protection and Controls, Power System Stability, Communication Protocol Concepts and Security and Standards.

**Credits:** 3

**Prerequisites:**

EECE 421

**EECE 423: Intro. to VLSI Design Lab**

Lab that accompanies EECE 420

**Credits:** 1

**EECE 443: Introduction to Microwaves**

Introduces electromagnetic wave propagation, microwave transmission systems, tube and solid-state microwave devices, and waveguides, time-domain reflections, matching, Smith chart, S-parameters analysis, active and passive microwave components, and microwave measurement techniques.

**Credits:** 3

**Prerequisites:**

EECE 304. Course Offering: Spring Semester

**EECE 444: Antenna Theory and Practice**

Cover antenna parameters; polarization of electromagnetic waves; basic antenna types; antenna arrays; broadband antenna design; electrically small-wire-type apertures antenna design, measurements and simulation using Matlab or Mathcad.

**Credits:** 3

**Prerequisites:**

EECE 304. Course Offering: Spring Semester

**EECE 453: Communications Theory**

Includes probability theory, hypothesis testing, channel capacity, coding, detection, and system performance analysis

**Credits:** 3

**Prerequisites:**

EECE 331 or EECE 332

**EECE 454: Communications Electronics**

Spectrum and noise measurements. Analog and digital communication techniques. Design of AM and ASK detectors, FM and FSK modulators and phase lock loops.

**Credits:** 3

**Prerequisites:**

EECE 308

**EECE 456: Embedded Systems Design Lab**

Project based course for design and system integration of embedded systems using microprocessor boards and I/O devices

**Credits:** 3

**Prerequisites:**

EECE 416

**EECE 459: Communications Theory Lab**

Design of modulation and demodulation circuits, filters

**Credits:** 1

**Prerequisites:**

EECE 453

**EECE 460: Wireless Communication**

The physical layer of wireless communication systems. Implementation of speech coding, error control, modulation/demodulation and filtering schemes for wireless links using digital signal processors for baseband functions.

**Credits:** 3

**Prerequisites:**

EECE 453

**EECE 461: Solid State Electronics I,**

Discusses semiconductor properties, valence bands, energy bands, equilibrium distribution of electrons and non-equilibrium transport of charges, Breakdown mechanisms; essential features of small AC characteristics, switching and transient behavior of p-n junctions.

**Credits:** 3

**Prerequisites:**

EECE 307. Course Offering: Spring Semester

**EECE 462: Solid State Electronics II**

Presents semiconductor electronic properties and applications to electronic devices; tunnel and Zener diodes, point contact transistors, FETs, MOSFETS, BJTS, multi-junction devices, and small, medium and large-scale integrated circuits.

**Credits:** 3

**Prerequisites:**

EECE 461. Course Offering: Fall Semester

**EECE 463: Digital Electronics**

Covers bipolar and MOS field-effect transistor characterization; characteristics and applications of TTL integrated circuits, design of memories, digital processors, special computer architecture, interfaces and A/D and D/A converters.

**Credits:** 3

**Prerequisites:**

EECE 307. Course Offering: Spring Semester

**EECE 465: Physical Electronics**

Analysis of semiconductor device characteristics, junction breakdown, base-width modulation and capacitive effects. Covers model derivations from physical considerations.

**Credits:** 3

**Prerequisites:**

PHYS 015, EECE 307. Course Offering: Spring Semester

**EECE 466: Adv Electromagnetic Theory**

Propagation of electromagnetic waves in general waveguides, losses in waveguides, fields and matter interaction, electromagnetic theory and special relativity, ionospheric propagation

**Credits:** 3

**Prerequisites:**

ELEG 304

**EECE 471: Design Integrated Circuits**

Microelectronics and circuit design. In depth coverage of Silicon integrated device characteristics and fabrication

**Credits:** 3

**Prerequisites:**

EECE 308

**EECE 477: Design of Integrated Circuits Lab**

In-depth theoretical and experimental microelectronics through hands-on circuit design and testing. Detailed coverage of silicon-integrated device characteristics and fabrication.

**Credits:** 3

**Prerequisites:**

EECE 471. Course Offering: Spring Semester

**EECE 479: Cybersecurity for NET CPS/IoT**

This course is designed to introduce emerging topics related to cybersecurity challenges and practical cyber-defense/countermeasures in networked Cyber-Physical Systems (CPS) and Internet-of-Things (IoT). The course will cover fundamental concepts, technologies, theoretical understanding and practical basis for cybersecurity of networked CPS/IoT. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level.

**Credits:** 3

**Prerequisites:**

Offered Fall Semester.

**EECE 484: Real-Time Systems**

**Credits:** 3

**EECE 487: Telecommunications**

Consists of telecommunications systems design for point-to-point and mass data distribution, modulation techniques, propagation modes and control methods

**Credits:** 3

**Prerequisites:**

EECE 453

**EECE 495: Signal Processing**

Sampling as a modulation process; aliasing; the sampling theorem; the Z-transform and discrete-time system analysis; direct and computer-aided design of recursive and non-recursive digital filters; the Discrete Fourier Transform (DFT) and Fast Fourier Transform (FFT); digital filtering using the FFT; analog-to-digital and digital-to-analog conversion; effects of quantization and finite-word-length arithmetic, and design and implementation of these algorithms on Motorola family of Digital Signal Processor chips and/or other similar DSP chips.

**Credits:** 3

**Prerequisites:**

EECE 333

**EECE 496: Integrated Circuits Tech Lab**

introduces students to the analysis and design of digital integrated circuits. MOSFET operation and the design of high-performance and low-power logic gates. Analysis, design, and applications of modern analog integrated circuits. Apply the methods learned in class to design and implement practical projects.

**Credits:** 3

**Prerequisites:**

Offered Spring semester.

**EECE 498: Independent Project**

Study performed by individual student under faculty supervision

**Credits:** 1-3

**Prerequisites:**

Departmental approval

**EECE 499: ST: Electrical Engineering**

Special courses not offered on a regular basis

**Credits:** 3

**Prerequisites:**

Departmental approval

**EECE 990: Co-op Electrical Engineering**

**Credits:** 1-3

## ARCH - Architecture

### COURSE DESCRIPTIONS

**ARCH 003: Environment and Architecture**

This lecture course examines the interrelationship between the natural and built environments. Within this framework, students are introduced to natural, cultural, psychological, technological, economic and formal factors that have shaped buildings and human settlements across space and time. The course explores the ecological impact of the human settlement; addresses current environmental issues, and acquaints students with concepts of sustainable architecture and development. The course is open to the university community.

**Credits:** 3

**ARCH 011: Elements of Architecture**

Examines the elements of architecture as grouped into two major categories: (1) elements which originate from the needs of man and which are resolved in design, and (2) those elements which originate in nature and which are resolved in construction and technology

**Credits:** 3

**Prerequisites:**

ARCH 001, ARCH 150

**ARCH 015: Language of Criticism of Art and Architecture**

Introduces the student to the modes of criticism in art and architecture and focuses on the roles language and text play in our understanding of the entities and representations in art and architecture. Also provides an understanding of the new relationships between text commentary, language-criticism and the evolving discursive methods which linguistics has released into modern criticism.

**Credits:** 3

**Prerequisites:**

ARCH 302; ARCH 303

**ARCH 100: Arch. Freshman Seminar**

Introduction to and awareness of a range of areas of interest, expertise, and career paths within the architecture profession.

**Credits:** 1

**Prerequisites:**

None

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**ARCH 150: Design Communications I**

A studio course that introduces students to architectural representation. Orthographic projections, descriptive geometry, contours, paraline drawings, shade and shadows and model making are presented and applied.

**Credits:** 3

**ARCH 151: Design Communication II**

This course develops the techniques introduced in Graphics I and introduces freehand/estimated perspective, presentation composition and basic rendering techniques.

**Credits:** 3

**Prerequisites:**

ARCH 150

**ARCH 160: Foundations in Design I**

Introduction to and application of architectural representation. Orthographic projections, descriptive geometry, contours, paraline drawings, shade and shadows and model making and the basic design process.

**Credits:** 5

**Prerequisites:**

None

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**ARCH 161: Foundations in Design II**

Continuation of freehand of freehand drawing and development of presentation composition, basic rendering and design techniques and introduction to the digital media in architecture.

**Credits:** 6

**Prerequisites:**

ARCH 160

**ARCH 199: Design I**

This first course of the eight-semester design sequence develops principles of architecture in a studio setting. Projects explore notions of space definition, landscape intensification and transformation, space organization and elementary construction technologies

**Credits:** 6

**Prerequisites:**

ARCH 003, ARCH 011, and ARCH 151 OR ARCH 151 or ARCH 160 and ARCH 616

**ARCH 200: Design II**

Continuation of Design I. The level of complexity of the projects is increased. Issues of intention and image are introduced. Natural, suburban and urban sites are used to broaden student awareness of the environment. Ordering principles are related to function and to site conditions.

**Credits:** 6

**Prerequisites:**

ARCH 199

**ARCH 201: Design III**

Reinforces the concepts introduced in Design I and II and explores the impact of function, structure, construction, site conditions and climate on architectural form.

**Credits:** 6

**Prerequisites:**

ARCH 200

**ARCH 202: Design IV**

Continuation of Design III. Explorations of the impact of programming function, structure construction site conditions and the environment on architectural form.

**Credits:** 6

**Prerequisites:**

ARCH 201



**ARCH 203: Design V**

Reinforces work of earlier design studios and explores issues of more complex building types and urban design

**Credits:** 6

**Prerequisites:**

ARCH 202; ARCH 303; ARCH 522; ARCH 502; ARCH 651

**ARCH 204: Design VI**

Continuation of Design V. Exploration of issues of more complex building types and urban design and building design comprehensive needs

**Credits:** 6

**Prerequisites:**

ARCH 203; ARCH 503; ARCH 951; ARCH 304

**ARCH 205: Design VII**

Builds on work of previous design studios and emphasizes exploration and development of architectural expression through integration of various aspects of architectural design within cultural and site contexts

**Credits:** 6

**Prerequisites:**

ARCH 204; ARCH 392; ARCH 015

**ARCH 206: Design VIII (Thesis)**

The final design studios emphasize exploration and development of architectural expression through integration of various aspects of architectural design within cultural and site contexts

**Credits:** 6

**Prerequisites:**

ARCH 204; ARCH 701

**ARCH 210: Survey of Architectural Hist. I**

Understanding of the principles of architectural history, the why and how of the study of history is presented in the context of early civilizations and their architecture from the late antiquity persuades of Africa, Europe, Central Asia, Asia and pre-Columbian America.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**ARCH 211: Surv.of Architectural Hist II**

Explores and examines definitions and limits of the elements of architecture as they relate to socio-cultural systems conferring significance and noteworthiness to respective historical styles, from the post-renaissance period to the contemporary period.

**Credits:** 3

**Prerequisites:**

ARCH 210 or permission of instructor

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**ARCH 219: Contemporary Issues in Architecture**

Seminar course which focuses on the work and writing of contemporary "cutting-edge" architects

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302; ARCH 303

**ARCH 223: The Black Architect: A Historical Perspective**

Seminar/independent research course that focuses on the history of Black architects and architecture in the United States to introduce students to an overview of the history, practice and influence of Black architects from the antebellum years through reconstruction, modern and present contemporary periods.

PREREQUISITES: ARCH-301; ARCH-302.

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302

**ARCH 223: The Black Architect: A Historical Perspective**

Seminar/independent research course that focuses on the history of Black architects and architecture in the United States to introduce students to an overview of the history, practice and influence of Black architects from the antebellum years through reconstruction, modern and present contemporary periods.

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302

**ARCH 232: Wmn in ARCH/Design-20th Cen**

Focus on the contribution of women in architecture and design and introduces a broader context of women practitioners around the world.

**Credits:** 3

**ARCH 233: Black Architects**

Research on the history of Black architects and architecture in the Black communities in the United States. introduction and overview of the history and practice of Black architects from the antebellum years through reconstruction, modern and present contemporary periods.

**Credits:** 3

**Prerequisites:**

ARCH 210, 211 or permission of instructor

**ARCH 240: Building Materials & Methods**

Introduction to the technologies of light construction including wood framing, masonry, and concrete. Properties of these materials are analyzed and the problem associated with their assemblies are studied and graphically illustrated.

**Credits:** 3

**Prerequisites:**

ARCH 161

**ARCH 261: Architecture Design I**

Development of architectural design principles and methods. Project based exploration of space definition, landscape intensification and transformation, space organization and elementary construction technologies.

**Credits:** 6

**Prerequisites:**

ARCH 161

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**ARCH 263: Urban Sketching**

On site hand drawing and sketching understanding at proportion, shape, shade and shadows and composition

**Credits:** 3

**ARCH 266: Architecture Pre-Design**

Understanding of the sequential structuring for analysis, feasibility and evaluation of an architecture project before the design phase. Considerable emphasis on development and use of appropriate communication skills with case studies.

**Credits:** 3

**Prerequisites:**

ARCH 240 ARCH 261

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**ARCH 270: Digital Tools in Architect. I**

Introduction to computer applications to architecture. Provides computer literacy for both business and graphic computer applications and systems management.

**Credits:** 3

**Prerequisites:**

ARCH 161

**ARCH 271: Digital Tools in Architecture II**

Advance skills in computer and digital application in architecture. Digital literacy for variety of BIM and building modeling systems.

**Credits:** 3

**Prerequisites:**

ARCH 270

**ARCH 284: Design Build**

Applied building and construction skills to architecture design of small scale structures

**Credits:** 3

**Prerequisites:**

ARCH 261

**ARCH 301: Architectural History Survey I**

Principles of architectural history, the why and how of the study of history is presented in the context of early civilizations and their architecture. The course covers the beginning of the Arabic work, antiquity, late antiquity and post. Late antiquity crusades of Africa, Europe, Central Asia, Asia and pre-Columbian America.

**Credits:** 3

**Prerequisites:**

ARCH 003; ARCH 011

**ARCH 302: Architecture History Survey II**

This course provides clear definitions and limits of the elements of architecture as they relate to socio-cultural systems conferring significance and noteworthiness to respective historical styles, from post-renaissance period to the contemporary period.

**Credits:** 3

**Prerequisites:**

ARCH 301

**ARCH 303: History and Theory III**

The beginning of contemporary Western civilization in the Renaissance brings about new concerns. Architectural expression is presented as seen in Europe and America through the end of the 19th Century to the beginning of the 20th century to the era post modernism, to contemporary. Autonomous developments in the architecture of Africa, Asia, China, Japan and the Americas are examined

**Credits:** 3

**Prerequisites:**

ARCH 302

**ARCH 305: Principles of Historic Preservation and Documentation**

The course will introduce students to the history, theory and practice, design and aesthetics, laws and economics of historic preservation and the process and methods of documentation used to record historic building structures. The process and methods of documentation, research, analysis and graphic presentation utilizing a seminar/ demonstration/ case study approach is supplemented by seminar/lectures from specialists in the field.

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302

**ARCH 306: History of Cities**

Examination and history of human settlements from ancient settlements to contemporary cities around the world.

**Credits:** 3

**ARCH 308: Hist Preserv: Documentation**

The course introduces students to the practice, design and aesthetics, of historic preservation and the process and methods of documentation used to record historic building structures. This course familiarizes students with the methods and means of research, analysis and documentation for the restoration and/or renovation of a historic structure.

**Credits:** 3

**Prerequisites:**

ARCH 305

**ARCH 311: South Asia Art & Architecture**

Introduction to the art and architecture of the South Asia sub-continent of India, Pakistan and Bangladesh. The course spans the period of its early beginnings to present-day Modern Asia in a holistic cultural passage that is a window to the sociological, economic and religious- Hindu, Muslim, Buddhist- issues, explorations of the climatic and the environmental influences on its art and architecture.

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302; ARCH 303

**ARCH 312: Kahn: Theory of Tectonics**

This course, through class lectures and presentations, emphasizes the tension between the Theory and Practice of Architecture as illustrated in the work of Louis Kahn. Considerable time will be spent analyzing each building by Kahn in terms of structure, materials, geometry, context, budget, sustainability, construction, program, concept, natural light, precedents, and phenomenology to serve as a model for how students can research, understand, apply the exposure and knowledge gained in school to real-world buildings in the future.

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302; ARCH 303

**ARCH 320: Sustainability Principles**

Exploration of the meaning, history, sources, context and strategic approaches towards sustainability as viewed through a design lens. Introduction to sustainable strategies through a macro approach toward sustainability by casting a broad net on what the operating principles and strategies of sustainable design.

**Credits:** 3

**ARCH 321: Centennial Study in Architecture at Howard University**

The course Centennial Studies will plumb the individual stories that contribute to the saga of architecture education at Howard University, a great American story and give it expanded edges and the character that evolves from detailed, personal accounts of experiences over the course of life of the degree programs in architecture. February 9, 2011 marked the centennial anniversary of the Howard University Board of Trustees approving degree studies in architecture. Over the 100 years since that initiating action, this saga has broad themes of challenges and opportunities and all manner of success among the students, faculty and alumni. Within the broad themes, individual topics will be researched and documented in appropriate media. The intent is to identify and record the personal stories of participants in the saga. Specific skills that students will be exposed to and learn include researching historic topics, developing interview techniques, writing and varied presentation techniques, including short video documentaries.

**Credits:** 3

**ARCH 333: Sus. South Asia Trvl. Doc.**

**Credits:** 3

**ARCH 340: Architect. Struct. I (Statics)**

Study of force composition, effect, resolution, equilibrium and the strength, mechanical and elastic properties of materials.

**Credits:** 3

**Prerequisites:**

PHYS 008, MATH 007, ARCH 261

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 341: Architect. Struc.II (Strength)**

Elementary analysis and design of structural framing members in wood, steel and concrete.

**Credits:** 3

**Prerequisites:**

ARCH 340

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 342: Environmental Sys. in Arch. I**

Exploration of energy issues and conservation, climate, and heat loss and gain as factors in environmental design.

**Credits:** 3

**Prerequisites:**

PHYS 008, MATH 007, ARCH 261

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 343: Environmental Sys. in Arch II**

Examination of principles and technologies of life safety systems, vertical transportation systems, electrical supply and distribution systems, lighting, and acoustics and their integration with architectural design.

**Credits:** 3

**Prerequisites:**

ARCH 342

**ARCH 350: Survey Contemporary Architecture & Theory**

The primary learning objective in this course is to become familiar with the principle, current architectural theoretical ideas, their historical and cultural origins, principle protagonists and representative applications. The intellectual content comes largely from discourses arising from and responding to the so-called "Post Modern Crisis".

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302; ARCH 303

**ARCH 354: Urban Design Principles**

Exposure to the concepts, methodologies, techniques and attitudes of urban design to convey an understanding of urban design in the contexts of both the micro and macro scales of the built environment and understanding of the place of architectural interventions in systems of urban design.

**Credits:** 3

**Prerequisites:**

ARCH 261

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**ARCH 360: Modern Architecture: Black Architecture**

An introduction to the contributions of Black architects, the modernist period architecture of black architects in Washington, DC from a historic overview to research, analysis and documentation of the architecture produced by these prominent architects of this period. The work, specifically, The Houses of noted architects, Hilyard Robinson and Howard H. Mackey are addressed.

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302; ARCH 303

**ARCH 364: Architecture Design III**

Examination and exploration of the impact of culture, identity, function, structure, construction, site conditions and climate on architectural form. Understanding architecture design in a context of housing in the urban environment.

**Credits:** 6

**Prerequisites:**

ARCH 261

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**ARCH 365: Architecture Design IV**

Explorations of the impact of programming function, structure construction site conditions, culture, identity and the environment on architectural form on neighborhood and community design in a global context.

**Credits:** 6

**Prerequisites:**

ARCH 364

**ARCH 401: Materials and Methods I**

Introduces students to the technologies of light construction including wood framing, masonry, and concrete. Properties of these materials are analyzed and the problem associated with their assemblies are studied and graphically illustrated.

**Credits:** 3

**Prerequisites:**

ARCH 011; ARCH 001; ARCH 151

**ARCH 402: Materials & Methods II**

Examination of analogy and specific issues related to assemblies in building construction and design. Steel and concrete constructions.

**Credits:** 3

**Prerequisites:**

ARCH 401

**ARCH 406: Economic Analysis**

Introduces students to the concepts of economics of development and the impact of cost on design. Focuses on relevant development issues including: development goals, site acquisition, locations, market demand, zoning and land use regulations, construction financing and investment potential.

**Credits:** 3

**Prerequisites:**

ARCH 205; ARCH 951

**ARCH 421: Housing Design & Equity**

Exploration of housing issues related to affordability, identity, culture and environmental justice and equity.

**Credits:** 3

**Prerequisites:**

ARCH 261

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**ARCH 430: Health and Design**

Introduction of the framework to assess different urban and built environments by investigating the connections between health, design and the built environment. This course focuses on the students ability to investigate and critique the important relationship between the physical environment and health outcomes as mediated by lived experience.

**Credits:** 3

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**ARCH 435: UG Directed. Studies**

Students work closely with an instructor or the department chair on a designated project within the Department of Architecture, faculty research or other initiative. Required guided independent study at the advanced level.

**Credits:** 3

**ARCH 438: Architecture Rsch. Methods**

Research methods, analysis, and program development for thesis project.

**Credits:** 3

**Prerequisites:**

ARCH 460

**ARCH 440: Ecology and Architecture**

Exploration of the influence of Ecology and Architecture including Ecology, Biophilic design,?Biomimicry, macro-level?urban ecology and microlevel building and its interaction with nature and people.

**Credits:** 3

**ARCH 442: Equitable High Performance Bld**

Examination of environmental systems and architecture design methods to provide sustainable, low carbon building design.

**Credits:** 3

**Prerequisites:**

ARCH 343

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 446: Construction Representation**

Preparation of technical, professional and legal documentation for building projects.

**Credits:** 3

**Prerequisites:**

ARCH 364

**ARCH 466: Architecture Design V**

Exploration of issues of urban building types and development of urban and regional designs.

**Credits:** 6

**Prerequisites:**

ARCH 364

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 467: Arch Design VI Integ. Design**

Application and demonstration of the comprehensive integrated design of a moderate complex building type.

**Credits:** 6

**Prerequisites:**

ARCH 460

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**ARCH 478: Pub. Issues Arch & Environ. Jus**

Introduction to key issues and factors linking architects to the public through an examination of historical developments, public policy, public engagement, governmental input and contemporary development initiatives. An emphasis is placed on issues related to culture, climate and environmental justice.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**ARCH 484: UG Arch. Experience Prog.(AXP)**

Examination of the AXP process and program in conjunction with the internship experience.

**Credits:** 3

**Prerequisites:**

ARCH 364

**ARCH 501: Structures I (Statics)**

Study of force composition, effect, resolution, equilibrium and the strength, mechanical and elastic properties of materials

**Credits:** 3

**Prerequisites:**

MATH 007

**ARCH 502: Structures II (Strength)**

Elementary analysis and design of structural framing members in wood, steel, and concrete.

**Credits:** 3

**Prerequisites:**

ARCH 501

**ARCH 503: Structures III (Structural Innovations)**

Analysis, design, comparison and selection of framing systems in the context of varied building requirements.

**Credits:** 3

**Prerequisites:**

ARCH 205



**ARCH 504: Structural Innovations.**

Innovations in digital media has facilitated the generation of complex, "potentially-architectural" ideas with relative ease. To explore these latent ideas as architecture, the study of structures must increase its capacity to engage these expressions. Through the dialogue between idea and structure architectural form is articulated. The course intent is thus, to develop the students understanding of the evolution of historical structural systems, as well as, the progression of innovative structural systems and their impacts and their potential impacts on architectural design. The course also applies a philosophical position regarding the relationship between structural systems and architectural form and space, to ultimately apply progressive thinking to innovative structural systems.

**Credits:** 3

**Prerequisites:**

ARCH 502

**ARCH 506: NOMAS Design Competition 1**

Development of design ideas for entry into the annual NOMAS Barbara Laurie design competition.

**Credits:** 2

**Prerequisites:**

Third or fourth year standing; ARCH 203 or ARCH 204; ARCH 511 or ARCH 518

**ARCH 507: NOMAS Design Competition**

Continuation of the annual NOMAS Design Competition. Further design development the design and Presentation boards and models as well as all other competition requirements will be completed.

**Credits:** 1

**Prerequisites:**

Third or fourth year standing; ARCH 203 or ARCH 204; ARCH 511 or ARCH 518

**ARCH 511: Introduction to Computer Applications in Architecture**

This course introduces architecture students to the computer and its application to architecture. Provides computer literacy for both business and graphic computer applications and systems management.

**Credits:** 3

**Prerequisites:**

NONE

**ARCH 513: Advanced Computer Applications Lec/Lab**

Course familiarizes students with 3-D modeling and rendering and visual communication and presentation techniques. Students use the system to study mass, proportion, color, and materials to assist them in expressing the intent of their design concepts.

**Credits:** 3

**Prerequisites:**

ARCH 512

**ARCH 515: Imagineer:Design for Entertain**

Entertainment design involving the development of both architectural, engineering and storytelling skills to conceptualize, organize, write, and illustrate specifications to construct and create material, for digital and virtual experiences.

**Credits:** 3

**Prerequisites:**

ARCH 513

**ARCH 518: Advance Design Technology & Application**

Explores the use of advanced software and plug-ins to enable students to freely explore design ideas without limitation, develop design ideas with a heightened level of complexity, and produce quality representation narratives.

**Credits:** 3

**Prerequisites:**

ARCH 511

**ARCH 519: Landscape & Site Design**

Understanding of the methods and examples of landscape architecture, design with emphasis on site placement and design.

**Credits:** 3

**Prerequisites:**

ARCH 260

**ARCH 521: Introduction to Environmental Systems I**

Exploration of energy issues and conservation, climate, and heat loss and gain as factors in environmental design.

**Credits:** 3

**Prerequisites:**

MATH 007; PHYS 008; ARCH 200; ARCH 402

**ARCH 522: Introduction to Environmental Systems II**

Examination of principles and technologies of life safety stems, vertical transportation systems, electrical supply and distribution systems, lighting, and acoustics and their integration with architectural design.

**Credits:** 3

**Prerequisites:**

ARCH 202; ARCH 522; ARCH 502; ARCH 651; ARCH 303

**ARCH 530: Intro to Sustainability**

This introductory course will examine the meaning, history, sources, context and strategic approaches towards sustainability as viewed through a design lens. To approach an understanding of sustainable design, however, one must first explore what it means to be sustainable and why it is of primary importance in today's world, especially in architecture and design. Through a series of lectures, readings, field trips, student presentations, projects and film, this course will serve as a launching pad for responsible action and thoughtful design. This course will take a macro approach toward sustainability by casting a broad net on what the operating principles and strategies of sustainable design should espouse. This course is not intended to create a detailed analysis of specific projects or energy models for high performance buildings. It is meant to introduce students to a number of sustainable strategies and to inculcate the necessity for their inclusion in all design. No software is required for this course and it is open to all students, regardless of program or year.

**Credits:** 3

**ARCH 540: Bldg. Decarbon.:Theory & Prac**

Understanding of sustainable building practices with emphasis on building decarbonization, climate change resilience and equitable design.

**Credits:** 3

**Prerequisites:**

ARCH 343

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 541: Decarb. of Buildings II**

Applied design skill in sustainable building practices with focus on building decarbonization, climate change resilience and equitable design.

**Credits:** 3

**Prerequisites:**

ARCH 343

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 542: Mng Sustain Dsgn & Decarb Proj**

Experiential and hands on learning on sustainable building practices and building decarbonization.

**Credits:** 3

**Prerequisites:**

ARCH 343

**ARCH 550: Infrastructure Design & Dev**

Introduction to the rigors of infrastructure design and development and the merits of interfacing of both gray and green infrastructure design systems and the associated appropriate thinking and vocabulary.

**Credits:** 3

**Prerequisites:**

ARCH 240

**ARCH 560: Building Types Research**

The course is designed to provide the student the opportunity to identify and address significant issues/ concepts in architecture leading to the development of a building topic investigation.

**Credits:** 3

**Prerequisites:**

ARCH 951

**ARCH 602: Landscape Architecture and Design (Developing Countries)**

Principles and technologies of site design with emphasis on tropical regions.

**Prerequisites:**

ARCH 201; ARCH 202

**ARCH 650: Urban Housing Seminar**

Examination of the development of publicly financed, affordable housing and urban neighborhood development, with a particular emphasis on environmental sustainability.

**Credits:** 3

**Prerequisites:**

ARCH 261

**ARCH 651: Principles of Urban Design**

This course exposes architecture students to the concepts, methodologies, techniques and attitudes of urban design. To convey an understanding of urban design in the contexts of both the micro and macro scales of the built environment and to sensitize students to the place of architectural interventions in systems of urban design

**Credits:** 3

**Prerequisites:**

ARCH 201; ARCH 303; ARCH 001; ARCH 521

**ARCH 652: Urban Design Case Studies**

Exploration of the square, the street and the buildings that make up the public face of towns and cities. The subject matter of the course details the meaning and role these elements play in urban design and the ways in which they are arranged and designed.

**Credits:** 3

**Prerequisites:**

ARCH 261

**ARCH 653: 200+ Hist Doc:Black Women Arch**

**Credits:** 3

**ARCH 656: Intro to Community Planning**

Understanding of and appreciation for the planning, policies, and programs which shape our communities. Using the case study method, students will be introduced to basic planning skills, research, analysis, critical thinking, strategies for conflicts resolution, program planning, design and development.

**Credits:** 3

**Prerequisites:**

ARCH 261 or permission of instructor

**ARCH 657: Preserving US Sites of Memory Abroad**

This course will study the design philosophies, design processes and meaning of the American Battle Monuments Commission (ABMC ) properties in Europe, the USA, North Africa, Mexico and Asia. Additionally, sites developed by other entities in the US will be considered (Pennsylvania State WWI memorial outside of Chateau Thierry, France). This course is a specialized extension of Principles of Urban Design focusing on sites of memory and their characteristics. Students will apply the techniques of urban design analysis learned in Site: Design &Principles to study selected sites and their meaning and contexts.

**Credits:** 3

**Prerequisites:**

ARCH 201; ARCH 303; ARCH 001; ARCH 25101; ARCH 302; ARCH 303

**ARCH 658: Urban Design of Sacred Places**

This course will explore the process that human beings used to make spaces sacred. It will examine four major examples of sacred spaces from the history of architecture

**Credits:** 3

**Prerequisites:**

ARCH 205; ARCH 951

**ARCH 659: Independent Study: New Orleans Rebuilding**

This course is designed to give students the opportunity to examine the physical, social, and policy changes in and around the city of New Orleans after the landfall of Hurricane Katrina.

**Credits:** 3

**ARCH 660: Urban Housing Case Studies**

This seminar will introduce students to different urban housing development models within the City of New Orleans with a particular focus on historic preservation. Students will learn the methodology of neighborhood development and preservation while maximizing sustainability through case studies. The course will culminate in a field trip to New Orleans where students will tour case study sites and meet development professionals involved in the important preservation work taking place. The class will be taught by live and remote lecture via Skype

**Credits:** 3

**Prerequisites:**

ARCH 201; ARCH 202

**ARCH 662: Tropical Arch & Urbanism**

Studies severe environmental constraints that tropical zones place on architectural design and planning development. Emphasis on indigenous design and planning practices and solutions in addition to technologically advanced contemporary approaches and achievements.

**Credits:** 3

**Prerequisites:**

ARCH 261

**ARCH 663: Black City: the Other and the City**

This seminar course explores the theoretical projections of the conceptual and ideological constructs of "blackness" related to space and urbanity to engage in research to expand upon the framework of the black city by exploring the relationship between development of and race in the DC Metropolitan area. The course intent is consistent with the Architecture programs direction of community design and understanding of the urban environment, especially of the African American communities

**Credits:** 3

**Prerequisites:**

ARCH 301; ARCH 302; ARCH 303

**ARCH 664: Design for Low Cost Housing**

Case studies and comprehensive group projects to identify design principles, planning, problems, applied to affordable housing design.

**Credits:** 3

**Prerequisites:**

ARCH 261

**ARCH 669: Islamic Arch & Urbanism**

Critical survey of the history and theory of urban development, organization, and architecture of Muslim architecture and cities with specified periods of history as well as within given parts of the world.

**Credits:** 3

**Prerequisites:**

ARCH 302

**ARCH 682: Tropical Arch Urbani: Case St**

**Credits:** 3

**Prerequisites:**

ARCH 261 or permission of instructor

**ARCH 701: Public Issues and Architecture**

This course introduces students to key issues and factors linking architects to the public through an examination of historical developments, public policy, and contemporary development initiatives. An emphasis is placed on issues related to the proliferation of suburbia and the resurgence of urban centers in North America. Human settlements and buildings are shaped within processes and systems regulated by government. They are also a reflection of cultural and social values, channeled through the work of design and development professionals

**Credits:** 3

**Prerequisites:**

ARCH 203

**ARCH 751: Professional Practice**

Study of standard practices of the architectural profession, including ethics, contracts, performance criteria and fiscal management.

**Credits:** 3

**Prerequisites:**

ARCH 205

**ARCH 752: Business of Architecture**

Understanding of the real estate development industry, real estate finance and the architect's role in design and development.

**Credits:** 3

**Prerequisites:**

ARCH 203

**ARCH 753: The Anatomy of Black Architectural Practice**

This introductory survey course focuses on the historical and the current issues, theories and approaches related to the practice of architecture in firms headed by African Americans. The course engages both research and seminar formats to investigate and report on the factors which influence the success (or failure) of the African American in architecture practice. The research and course is consistent with the Department of Architecture's goal of advancing the study of the role of the African American Architect, of Howard University's role as the leading educator of Black architects, and to enhancing the scholarship of the Black Architect and to provide focus on the Howard University architecture program as a leader in the study of the influence of the Black Architect and its practice globally.

**Credits:** 3

**Prerequisites:**

ARCH 200

**ARCH 755: The (FAB) Collaborative: Freelon, Adjaye, Cook**

This course focuses on various aspects of museum planning and design based upon the new Smithsonian Museum of African American History and Culture (NMAAHC), on the National Mall in Washington DC. Through firsthand insight into the interworkings of this historic-groundbreaking design collaborative, the principals of the FAB team - Phillip Freelon, FAIA, David Adjaye, OBE and Peter Cook, AIA- through a series of collective lectures and workshops explore museum planning and design from the early political background leading to the inception of the project and the formation of this dynamic team, the conceptual realization and design to the eventual physical realization of this monumental design from the perspective of these world renown design principles.

**Credits:** 3

**Prerequisites:**

ARCH 205; ARCH 951

**ARCH 803: Independent Study**

Independent study in the area of the student's professional interest.

**Credits:** 3

**Prerequisites:**

Students must complete an Independent study form for approval by supervising professor and Chair.

**ARCH 805: Architect Photography**

The art and practice of photographic techniques of architecture subjects.

**Credits:** 3

**ARCH 807: Site: Design & Principles**

The course covers all aspects of site analysis and design from the graphic tools to the critical components that must be evaluated in the process of determining the proper planning and design of a site.

**Credits:** 3

**Prerequisites:**

ARCH 151; ARCH 199

**ARCH 809: Explorations in Architecture**

This seminar course focuses on international practice and merging trends global architectural design.

**Credits:** 3

**Prerequisites:**

ARCH 204; ARCH 701

**ARCH 811: Directed Studies**

Students work closely with an instructor or the department chair on a designated project within the Department of Architecture, faculty research or other initiative. Required guided independent study at the advanced level.

**Credits:** 3

**Prerequisites:**

Department Chair approval. ARCH 204; ARCH 701

**ARCH 812: Arch Study Abroad Seminar**

Preparation for study abroad with exploration of location, culture and architecture of proposed study site.

**Credits:** 3

**Prerequisites:**

permission of instructor

**ARCH 814: Arch Study Abroad Practicum**

Experiential learning, examination and observations of study abroad site

**Credits:** 3

**Prerequisites:**

permission of instructor

**ARCH 823: New Architecture in Historic Districts**

The course will examine the nature of historic districts, including the criteria for and importance of physical context. Students will be exposed to basic field techniques and skills necessary to accurately interpret the fabric of historic buildings and their settings. The analysis will include the impacts and implications of new design within historic districts

**Credits:** 3

**Prerequisites:**

ARCH 202; ARCH 401; ARCH 522ARCH 651

**ARCH 824: Waterfronts: Des & Sustain**

Introduction of a range of practical issues involved in the design and management of modern waterfront development, including financing and fiscal arrangements, monitoring of instrumental behavior and use in development of mixed-use urban waterfront communities.

**Credits:** 3

**Prerequisites:**

ARCH 651

**ARCH 860: Thesis I**

Beginning development of the architecture thesis concept from the thesis preparation work.

**Credits:** 6

**Prerequisites:**

ARCh 461

**ARCH 861: Thesis II**

Comprehensive completion of the architecture thesis based upon previous conceptual development.

**Credits:** 6

**Prerequisites:**

ARCH 824

**ARCH 891: Thesis Preparation**

Research methods, analysis, and program development for thesis project.

**Credits:** 3

**Prerequisites:**

ARCH 204; and within 36 credits of completion of the curriculum.

**ARCH 901: Programming**

Course focuses primarily on needs of students who are approaching design problems requiring a sequential structuring for analysis, synthesis and evaluation. The course covers micro to macro-environmental programming and design procedures. Considerable emphasis on development and use of appropriate communication skills with case studies.

**Credits:** 3

**Prerequisites:**

Second Year Standing

**ARCH 902: Design Portfolio & Marketing**

Preparation of design portfolio

**Credits:** 3

**ARCH 909: Advanced Delineation**

Study and application of rendering techniques in various media.

**Credits:** 3

**Prerequisites:**

ARCH 151

**ARCH 912: Meaning and Symbolism in Architecture**

The course focuses on architecture viewed as systems, signs, and symbols and its processes studied through patterns of information and communication. The pedagogical objective is to accentuate on the differences between hidden dimensional meanings of a simple engineered building and a meaningful work of architecture. Symbolic language in architecture is represented through formal expressions of meanings associated with parts and patterns used in morphology of architecture whether they are parts, patterns, or the whole of any given piece of architecture

**Credits:** 3

**Prerequisites:**

ARCH 151

**ARCH 951: Construction Documents I**

Involves the preparation of technical, professional, and legal documentation for building projects

**Credits:** 3

**Prerequisites:**

ARCH 202; ARCH 522; ARCH 502



**ARCH 952: Construction Document II**

(Narrative) Continuation of ARCH 951.

**Credits:** 3

**Prerequisites:**

ARCH 951

**ARCH 961: Construction Management**

The study of project management techniques as they relate to the architect and the construction industry

**Credits:** 3

**Prerequisites:**

ARCH 204; ARCH 402; ARCH 521

**ARCH 998: Internship**

Students are placed on a part-time basis with practicing firms, municipal and governmental agencies to participate in the actual organizational functions.

**Credits:** 3

**Prerequisites:**

Third year standing. Permission of the faculty.

## CHEG - Chemical Engineering

### COURSE DESCRIPTIONS

**CHEG 102: Intro to Engineering Design**

Introduction to chemical process design within the context of technological, social, cultural and intellectual developments; The course will help students to appreciate and understand the intellectual framework of engineering and the critical thinking that goes into it; Students will be expected to incorporate an understanding of the role of economic, safety, environmental and ethical considerations into the practice of engineering; and understand the way data is obtained and analyzed with an introduction to software packages that will be utilized in the chemical engineering program; and to provide students the skills and background necessary to be able to interpret data and discuss and communicate results and conclusions.

**Credits:** 3

**Prerequisites:**

CO-REQ: CHEM 003.

**CHEG 201: Chem Engineering Materials Bal**

Analysis and application of material balances to chemical engineering operations and processes, introduces stoichiometric relations, process flow sheeting and correlations of chemical and physical properties.

**Credits:** 3

**Prerequisites:**

PRE-REQ: MATH 156; CHEM 003

**CHEG 202: Chem Eng Energy Balances**

Application of energy balances to chemical engineering operations and processes that involve non-reactive and reactive systems. The first law of thermodynamics and the correlation of chemical and physical properties are treated along with chemical and phase equilibria.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 201; MATH 157

**CHEG 211: Computational Methods in Chemical Engineering**

Elective. Introduction to the methods and techniques of computer-assisted problem solving methods, and also to review various engineering mathematical techniques and their application in solving chemical engineering problems.

**Credits:** 3

**Prerequisites:**

CHEG 102, MATH 156

**CHEG 301: Fluid Mechanics**

Quantitative study of chemical engineering unit operations including fluid flow in piping systems and through porous media; motion of particles in fluids; metering; and differential analysis of pipe flow.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 202; PHYS 013

**CHEG 302: Heat Transfer**

Quantitative study of chemical engineering operations including heat exchange by conduction, convection and radiation as well as Heat Exchanger Design.

**Credits:** 3

**Prerequisites:**

PRE-REQ: MATH 159; CHEG 301

**CHEG 303: Chem Engineering Thermodynamic**

Course focuses on the basic thermodynamics theorems for single phase behavior (gas and liquid) of pure and the mixture system, phase equilibrium, and the modeling for physical processes and industry applications.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 202; PHYS 013

**CHEG 306: Chemical Engineering Analysis**

Introduction of chemical engineering analysis that enables us to express engineering problems in precise quantitative terms. This translation process, from physical system to mathematical description, will be emphasized throughout the course. The fundamental principles that will be used are the conservation laws of mass and energy adapted to the particular situations of interest. These may be closed systems (no flow into or out of the system boundaries) or open systems where such flows occur. We will solve systems of algebraic and first order differential equations with an emphasis on the modeling and simulation techniques of the MATLAB/SIMULINK package.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 301; MATH 159 / CO-REQ: CSCI 165

**CHEG 401: Separation Processes**

Quantitative study of chemical engineering operations involving equilibrium stage and differential mass transfer operations. To instruct the students on the fundamentals and the methodologies of equilibrium stage and differential mass transfer operations for the calculation of separation parameters.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 301; CHEG 302; CHEG 303; CHEM 171 (or Permission of Instructor)

**CHEG 402: Process Control**

Involves methods of process control, dynamic response of chemical processing equipment and systems, modes of control and controller characteristics, and use of mathematical and experimental models.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 302; CHEG 306 (or Permission of Instructor)

**CHEG 403: Chemical Engineering Kinetics**

Presents the fundamentals of chemical reaction kinetics and application of kinetics, thermodynamics, and transport phenomena to the design of chemical reactors.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 301; CHEG 303; CHEM 141 (or Permission of Instructor); MATH 159

**CHEG 405: Chemical Engineering Laboratory**

Application of chemical engineering process and unit-operation principles to quantitative experiments in small-scale equipment.

**Credits:** 3

**Prerequisites:**

CHEM-145 or CHEM-173; COREQ: CHEG-401

**CHEG 406: Introduction to Polymer Systems**

Elective. Modern industrial and commercial processes for production and fabrication of polymer materials.

**Credits:** 3

**Prerequisites:**

CHEM-142 and CHEM-171; CHEG 303; COREQ: CHEG 302.

**CHEG 407: Process Design I**

Involves cost estimation, materials of construction, and fabrication selection in the optimum design of chemical processing systems and equipment along with optimization incorporating the time-value of money and mathematical programming techniques.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 303; CHEM 171 (or Permission of Instructor) / CO-REQ: CHEG 401; CHEG 403

**CHEG 408: Mathematical Methods in Chemical Engineering**

Elective. Teaches use of the basic laws of conservation of momentum, mass, and energy, including rate expressions to formulate ordinary, partial differential and other fundamental equations describing chemical engineering processes, analytical and numerical solutions of resulting equations.

**Credits:** 3

**Prerequisites:**

CHEG 306 or permission of instructor.

**CHEG 409: Independent Study**

Elective. Provides advanced treatment of selected topics in chemical engineering, with independent study subjects arranged to fit the interests of the student and advisor.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 410: Advanced Mass Transfer -- Selected Topics**

Elective. Deals with dynamic sorption operations and newly developing separation techniques, including equilibrium concepts and mass transfer design methods.

**Credits:** 3

**Prerequisites:**

CHEG 303 and CHEG 401

**CHEG 412: Transport Phenomena**

Elective. Provides a unified treatment of momentum, heat, and mass transport, with development of equations of change and application of microscopic and macroscopic balances to a variety of chemical engineering problems.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 413: Chemical Engineering Lab**

Course involves the application of chemical engineering process and unit-operation principles to quantitative experiments in small-scale equipment.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEM 173 or CHEM 145 / CO-REQ: CHEG 401; CHEG 403

**CHEG 414: Process Design II**

Instruction in the use of chemical engineering and economic principles in solving problems of design and optimization of chemical processing systems and equipment, along with application of optimization methods and computer simulations in determining optimum selection of process variables.

**Credits:** 3

**Prerequisites:**

PRE-REQ: CHEG 306; CHEG 401; CHEG 403; CHEG 407; CHEM 142; CHEM 172 (or Permission of Instructor)

**CHEG 415: Chemical Engineering Analysis**

**Credits:** 3

**CHEG 416: Fundamentals to Environ Engr**

Elective. Introduces students to environmental engineering, hydrology, water and waste water treatment, air pollution and control, solid waste disposal, and hazardous waste treatment and management.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 417: Frontiers in Nanosci/Eng. Tech**

Elective. This course will emphasize the history of and characterization tools for nanotechnology. Leading edge areas of research and potential impacts of nanotechnology will be covered.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 420: Chemical Process Safety**

Elective. Introduces students to chemical process safety. Involves identifying and understanding potential hazards and risks, managing risk by providing the appropriate layers of protection to reduce the frequency and severity of incidents, and learning from incidents when they happen.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 424: Bioprocess Engineering**

Elective. Provides students with a rudimentary but sufficient and necessary introduction to the biological sciences, which underlie the applications of chemical engineering principles and practices to the biological processing of materials into marketable products and processes. The principles and practices of chemical engineering are then brought to bear on phenomena in the various life-science disciplines leads then to studies of bioreactor engineering, kinetics and design, and bioseparation processes.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 425: Intro to Biomedical Eng.**

Elective. Deals with thermodynamics and reaction kinetics of primary and secondary air pollutants, transport and diffusion processes in the atmosphere, stack design and plume dispersion modeling, and design of air pollution control equipment for particulates and gases.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 426: Food Eng.**

Elective. Treats viscoelasticity and the generalized Newtonian fluid, including the power law, in fluid mechanics and rheology. Differential and integral constitutive equations.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 428: Electrochemical Engineering**

Elective. Introduces students to fundamentals of electrochemical engineering. Treats fuels cells, energy generation with some focus on electrochemical membranes.

**Credits:** 3

**Prerequisites:**

Permission of instructor.

**CHEG 430: Nanomaterials**

Elective. Leading edge areas of research and potential impacts of nanotechnology will be covered. Although nanomaterials fabrication and processing will be emphasized, production of nanobioassemblies, and nanomedicine applications will be reviewed.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 442: Legal/Ethical Consider. in Eng**

Elective. Introduces students to legal and ethical concerns issues and issues that arise in the engineering profession, for example, during the design of technological products, processes, systems, and services. Also introduces students to related issues such as safety, sustainability, user autonomy, and privacy.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 446: Biopharmaceutical Facility Dsg**

Elective. Project-based course that introduces students to the design of facilities for the pharmaceutical and bioprocess industries through equipment selection, economics, teamwork, and presentations.

**Credits:** 3

**Prerequisites:**

Variable Pre-Req.; Junior or Senior Standing (or Perm. of Instructor)

**CHEG 800: Chemical Engineering Seminar**

Elective. Presents selected topics of interest to chemical engineering students and professionals and discusses professionalism, careers in chemical engineering, graduate school and AIChE.

**Credits:** 0

**CHEG 900: Engineering Practice**

Elective. Involves practical engineering work carried out by students enrolled in the Cooperative Education Program during the time spent in industry. Credit may be awarded based on an evaluation of work experience by the faculty and employers.

**Credits:** 3

**Prerequisites:**

Enrollment in Cooperative Education Program.

## MEEG - Mechanical Engineering

### COURSE DESCRIPTIONS

**MEEG 102: Introduction to Engineering II**

Continuation of EGPP 101.

**Credits:** 1

**Prerequisites:**

EGPP 101.

**MEEG 103: Intro to Computer Aided Design**

Create professional solid models, assemblies, and 2D drawings using Autodesk's Fusion 360 3D modeling software. Design engineering parts/assemblies for machining, manufacturing, and 3D printing. Use 3D design modeling and assemblies in future design classes for product design and engineering simulations (structural, thermal, motion, and multiphysics analysis). Get ready to broaden your 3D modeling skills with other 3D modeling software.

**Credits:** 2

**Prerequisites:**

Admission to Howard University; EGPP 101 (corequisite)

**MEEG 202: Product Development I,**

Treats different stages in developing a product including identification of customer need, product specifications, design conceptualization, product architecture and design for manufacturing. Also discusses effective prototyping and economics of product development.

**Credits:** 2

**Prerequisites:**

MEEG 102.

**MEEG 203: Product Development II,**

Manufacturing processes including metal casting, rolling, forging, sheet metal forming, material removal processes, polymer processing, and joining techniques will be discussed. Also, surface treatment techniques will be treated. Laboratory provides hands on experience in conventional machining, polymer processing, and composite manufacturing.

**Credits:** 3

**Prerequisites:**

MEEG 103

**MEEG 204: Intro to Solid Mechanics**

Presents basic concepts of stress and strain of deformable bodies, state of stress and strain, Mohrs circle, and bending of prismatic bars, buckling of structural columns, among other topics. The student begins to analyze and to understand the behavior of elementary mechanical structures.

**Credits:** 3

**Prerequisites:**

CIEG 202 (prerequisite); MEEG 206 (corequisite)

**MEEG 206: Solid Mechanics Lab**

Expose students to experimental techniques applicable in evaluation of the mechanical properties of materials. Explore basic mechanical measurement processes of engineering materials as well as comparison of analytical predictions with experimental results. Intended to reinforce concepts learned in Solid Mechanics and Materials Science courses.

**Credits:** 1

**Prerequisites:**

CIEG 202; PHYS 013; PHYS 023

**MEEG 207: Intro to Eng. Computations**

Introduces programming with computers. Programming concepts include procedural thinking, algorithm development, and techniques for developing solutions to engineering problems using software packages such as MATLAB. Prepares the student to use digital foundational methods to solve engineering problems, as an undergraduate and beyond.

**Credits:** 3

**Prerequisites:**

PHYS 013; MATH 157

**MEEG 209: Material Science**

Provide fundamental concepts in materials science and engineering. Cover topics such as atomic structure, crystal structure and defects, diffusion, and mechanical properties. Discuss types of materials and their applications. Correlate structure of metals, ceramics, and organic materials with their mechanical, chemical, electronic, magnetic, optical, and thermal properties. Control properties by modifying the microstructure, and stability of materials in service environments. Learn the fundamental properties of materials

**Credits:** 3

**Prerequisites:**

CHEM 003; PHYS 014; MATH 158

**MEEG 209: Material Science**

Correlation of the structure of metals, ceramics, and organic materials with their mechanical and physical properties; control of properties by modifying the microstructure, and stability of materials in service environments.

**Credits:** 3

**Prerequisites:**

CHEM 003, PHYS 014.

**MEEG 301: Systems Dynamics**

Explore mathematical modeling of physical systems such as mechanical, fluidic, thermal and/or electrical elements. Students are provided with background in the fundamentals of classical system dynamics and control theory. The programming language such as MATLAB is used for solving complex problems in these areas. Introduction to modern control theory, block diagrams, classical feedback control, and their application to practical electro-mechanical and aerospace problems.

**Credits:** 3

**Prerequisites:**

CIEG 302; MATH 159; MEEG 207

**MEEG 304: Thermodynamics**

Presents basic thermodynamic concepts and definitions, laws of thermodynamics, properties of pure substances, entropy and entropy generation, irreversibility, and exergy.

**Credits:** 3

**Prerequisites:**

PHYS 014; MATH 158 (prerequisite); MEEG 307 (corequisite)

**MEEG 306: Applied Thermodynamics**

Applies thermodynamic principles to the analysis of mixtures, combustion, power cycles, gas turbines, compressors, and other energy devices; reciprocating engines, refrigeration, reactive systems, gas-vapor mixtures and psychrometry, and thermodynamic property relations.

**Credits:** 3

**Prerequisites:**

MEEG 304; MEEG 307

**MEEG 307: Fluid Mechanics**

Introduces properties and mechanics of fluids; kinematics; and control volume continuity, momentum, and moment of momentum equations.

**Credits:** 3

**Prerequisites:**

MATH 158; MATH 159; CIEG 302

**MEEG 308: Aerofluid Dynamics**

Covers potential flow theory and compressible flow; circulation, vorticity and wing theory, shock waves, expansion waves and nozzles; introduction to boundary layer theory and applications.

**Credits:** 3

**Prerequisites:**

MEEG 304; MEEG 307

**MEEG 310: Mechanical Design I**

Integrates knowledge of strength of materials in a design context, stress and deflections in engineering structures. Introduces the design of machine components.

**Credits:** 3

**Prerequisites:**

MEEG 204; MEEG 209



**MEEG 311: Mechanical Design II**

Explore frictional and wear considerations in the design of mechanical systems. Designing of rolling contact bearings, gears, clutches, brakes, and flexible mechanical elements are examined. Boundary layer lubrication, mixed lubrication and hydrodynamic lubrication pertaining to journal bearings, pressure-fed bearings are studied. Topics on spur, helical, bevel and worm gears are analyzed. Kinematics of gear trains, planetary gear trains, force analysis, wear and manufacturing aspects of gear are considered.

**Credits:** 3

**Prerequisites:**

MEEG 310

**MEEG 313: System Dynamics and Controls**

Introduction to modern control theory, including digital control and nonlinear system analysis. Mathematical modeling of physical systems with mechanical, fluid, thermal and/or electrical elements. Classical feedback control theory and design, and their application to practical electromechanical and aerospace problems.

**Credits:** 4

**Prerequisites:**

CIEG 302, MEEG 205, MEEG 307, MATH 159.

**MEEG 315: Experimentation I**

Basic principles of instruments and sensors employed in engineering measurements. Nature of experimental error and uncertainty analysis.

**Credits:** 2

**Prerequisites:**

ELEG 204, ELEG 310, MATH 159.

**MEEG 316: Instrumentation & Exper Lab**

Expose students to hands on experience in instrumentation with focus on theory and operation of various instruments and sensors employed in mechanical engineering measurements including consideration of precision and accuracy errors in experimental measurements. Become familiar with computer-aided data acquisition and preparation of technical reports.

**Credits:** 2

**Prerequisites:**

EECE 310; MATH 159

**MEEG 318: Jet Propulsion**

Covers power cycles, combustion fundamentals, aircraft and missile propulsion, engines compressors and turbines.

**Credits:** 3

**Prerequisites:**

MEEG 306; MEEG 320

**MEEG 319: Manufacturing**

Explores major groups of manufacturing processes which consist of casting, forming, machining, and joining processes. Each group of manufacturing processes includes several manufacturing techniques for producing diverse manufactured parts. Also, manufacturing processes for a competitive environment are introduced. These processes include automation in manufacturing and computer-integrated manufacturing. Surface treatment techniques, metal structure, behavior and physical properties are considered. Metal alloys, polymer, ceramics, and composite materials are explored.

**Credits:** 3

**Prerequisites:**

MEEG 204; MEEG 209

**MEEG 320: Fluid Mechanics II**

Covers the fundamental physical concepts related to external flow. Students will demonstrate necessary problem-solving skills to solve basic engineering problems in fluid and aero systems in which fluid analysis is necessary.

**Credits:** 3

**Prerequisites:**

MEEG 307 (prerequisite); MEEG 350 (corequisite)

**MEEG 350: Comp Aided Engineering**

Explore the structural, generative design, thermal, heat transfer, and fluid dynamics analysis with real-world engineering examples. Conceptualize and solve complex engineering problems in virtual spaces using CAE software. Explore commercially available Computer Aided Engineering software for multidisciplinary system design and optimization. Learn how to collaborate in a team on a multiphysics design project through online meetings and synchronous and asynchronous communication tools.

**Credits:** 3

**Prerequisites:**

MEEG 103; MEEG 204; MEEG 307

**MEEG 403: Heat Transfer**

Presents analytical and numerical methods of heat transfer by conduction, convection, and radiation; steady and unsteady state heat flow; condensing vapors; and boiling liquids.

**Credits:** 3

**Prerequisites:**

MEEG 306; MEEG 320; MEEG 350

**MEEG 415: Experimentation II**

Fundamentals of computer based data acquisition and application of digital techniques to mechanical measurements.

**Credits:** 2

**Prerequisites:**

MEEG 315.

**MEEG 416: Aerostructures**

Teach mechanics of materials methods of stress and deformation analysis applicable to the design of aircraft and space structures. Cover fundamental topics such as static analysis of aerospace structures, analysis of thin-walled beams with open and closed section, unsymmetrical bending of wing sections, torsion of skin-stringer and multi-cell sections, flexural shear, shear center and failure theories of materials. Develop an ability to analyze structures that arise in aerospace applications.

**Credits:** 3

**Prerequisites:**

MEEG 204; MATH 159; MEEG 207

**MEEG 417: Experimentation III**

Experiments designed to expose students to experimental techniques applicable in evaluation of the behavior mechanical and thermal systems.

**Credits:** 2

**Prerequisites:**

MEEG 415.

**MEEG 418: Vibration Analysis**

Covers conventional and modern techniques to analyze vibrational issues in complex environments. Explores harmonic motion, viscous damping and modeling. Considers energy method of vibration modeling and control. Examines stiffness, stability, and design considerations. Analyzes force responses with multiple degrees of freedom. Uses numerical solution techniques and MATLAB programming.

**Credits:** 3

**Prerequisites:**

MEEG 301

**MEEG 421: Product Data Management**

Covers topics fundamental to global collaborative engineering, product data management, and collaborative product data management.

**Credits:** 3

**Prerequisites:**

MEEG 310; MEEG 103

**MEEG 423: Thermal/Fluid Science Lab**

Expose students to experimental techniques applicable in evaluation of the behavior of fluid and thermal systems including design, instrumentation, measurement techniques and data analysis of thermal/fluid systems

**Credits:** 1

**Prerequisites:**

MEEG 307 (prerequisite); MEEG 403 (corequisite)

**MEEG 423 : Thermal/Fluid Science Lab**

Experiments designed to expose students to experimental techniques applicable in evaluation of the behavior fluid and thermal systems

**Credits:** 1

**Prerequisites:**

MEEG 307. Co-requisite: MEEG 403.

**MEEG 438: Environmental Controls**

Covers analysis and design of heating, cooling, ventilation, and air distribution systems.

**Credits:** 3

**Prerequisites:**

MEEG 306; MEEG 403

**MEEG 441: Senior Project I**

Prepare the senior undergraduate student for the industrial work environment; develop professional skills of the student in teamwork, and to apply fundamental, basic scientific and engineering principles to a design that satisfies a need.

**Credits:** 3

**Prerequisites:**

MEEG 311; MEEG 306; MEEG 320 (prerequisite); MEEG 403 (corequisite)

**MEEG 442: Senior Project II**

Continuation of MEEG 441 Senior Project I.

**Credits:** 3

**Prerequisites:**

MEEG 441

**MEEG 443: CAD/CAM**

Introduces computer graphics, design software and solid modeling.

**Credits:** 3

**Prerequisites:**

MEEG 207; MEEG 310; MEEG 319

**MEEG 444: Robotics**

Kinematics and dynamics of robot manipulators, robot programming languages, structural members; fatigue, creep, and stress team or design study of current interest.

**Credits:** 3

**Prerequisites:**

MEEG 313.

**MEEG 445: Undergraduate Research I**

Covers analysis, design and/or experimentation in research areas of interest.

**Credits:** 3

**Prerequisites:**

Consent of Instructor

**MEEG 446: Undergraduate Research II**

Analysis, design and/or experimentation in Instructor's area of interest.

**Credits:** 3

**Prerequisites:**

Consent of Instructor.

**MEEG 447: Computational Fluid Dynamics**

Solutions to fluid flow problems using computers. Students will gain familiarity with numerical methods and acquire experience in solving fluid mechanics and heat transfer problems using computers.

**Credits:** 3

**Prerequisites:**

MEEG 320, MEEG 403.

**MEEG 450: MEMS**

Explore the fundamentals of MEMS (Micro-Electro-Mechanical Systems), MEMS applications, and various micro/nanofabrication processes. Learn MEMS devices design considerations such as stress/strain, fluid flows, and heat transmission in micro/nanoscale and materials for MEMS. Be introduced to various microsystem fabrication processes such as photolithography, oxidation, chemical vapor deposition, etching, etc. Collaborate with peers to design microsystems and present your ideas through the group project.

**Credits:** 3

**Prerequisites:**

PHYS 013; PHYS 014; MEEG 209; MEEG 307; MEEG 350

**MEEG 461: Energy Engineering I**

Introduces modern energy sources useful for engineering applications. Includes fossil, nuclear, solar, wind, geothermal and biomass.

**Credits:** 3

**Prerequisites:**

MEEG 306

### **MEEG 462: Energy Engineering II**

Covers current practices governing use of energy sources. Discusses effective utilization and economic considerations, and new and emerging technologies.

**Credits:** 3

**Prerequisites:**

MEEG 461

### **MEEG 990: Co-op Mechanical Engineering**

Required for students enrolled in the Cooperative Education Program during time spent in industry. Credit may be awarded based on evaluation of employer(s) and a written report by the student.

**Credits:** 3

### **MEEG 990/991: Co-op Mechanical Engineering**

For students enrolled in the Cooperative Education Program during time spent in industry. Credit may be awarded based on evaluation of employer(s) and a written report by the student.

**Credits:** 1-12

### **MEEG 991: Co-op Mechanical Engineering**

Required for students enrolled in the Cooperative Education Program during time spent in industry. Credit may be awarded based on evaluation of employer(s) and a written report by the student.

**Credits:** 1-12

## **SYCS - Computer Engineering**

### **SYCS 100: Introduction to Systems and Computer Science**

Provides information about the curriculum and the various concentration tracks, faculty research interest, departmental resources, problem solving, critical thinking, computational thinking. Introduces the software engineering design process and provides the opportunity for students to complete a design project.

**Credits:** 2

### **SYCS 135: Computer Science I**

This course provides an introduction to the discipline of computer programming, and is designed to expose students to basic programming concepts and to the use of the C++ language. This course is designed to enhance the student's ability to design, develop and test/debug programs. Each student will increase his or her skill in writing correct and maintainable programs. Emphasis will be placed on problem analysis and on the subsequent development of algorithms. Several standard data types will be discussed and the student will gain an understanding of the issues relating to the use, design and implementation of each type in C++. A major focus of the lectures will be to provide an overview of real-world problem solving concepts and top-down software design. No Prereq.

**Credits:** 4

### **SYCS 136: Computer Science II**

Course exposes students to the software development life cycle with a focus on the concepts and use of the object-oriented paradigm in problem analysis, solution design, software development and implementation. This course is designed to enhance the student's ability to engineer software that is efficient, maintainable and cost efficient over its entire life cycle. Data abstraction is discussed in depth and students gain experience in the use of classes, object and member functions. Students gain an understanding of the development of reusable abstract data types. Software reuse is emphasized and object-oriented concepts are used throughout the course. O-notation and the complexity of algorithms are discussed at relevant points in the course.

**Credits:** 3

**Prerequisites:**

Computer Science I (with a grade of 'C' or better).

**SYCS 140: Programming Team**

This course is for participants of the programming team.

**Credits:** 1

**SYCS 165: Scientific Computing for Engineers**

Introduces programming and use of digital computers through symbolic programming. Programming includes general problem-solving and the systematic development of algorithms; use includes the coding of programs and practical experience in Maxima or Matlab.

**Credits:** 3

**SYCS 165: Scientific Computing for Engineers**

Introduces programming and use of digital computers through symbolic programming. Programming includes general problem-solving and the systematic development of algorithms; use includes the coding of programs and practical experience in Maxima or Matlab.

**Credits:** 3

**SYCS 201: Computer Organization I**

This course introduces students to assembly programming. The concepts that support assembly programming will be taught, including data formats, addressing modes, computer arithmetic etc. The instruction set of a particular assembly language will then be covered in details. The relationship between assembly programs and high-level language programs will also be revealed.

**Credits:** 3

**SYCS 202: Computer Organization II**

This course reveals how computers operate logically at the hardware level and presents the relationship between computer hardware and software. Topics include performance metrics, logic design, non-pipelined and pipelined datapath design, memory hierarchies, and I/O devices.

**Credits:** 3

**SYCS 203: Object-Oriented Programming using Java**

This course provides an introduction to Java programming and object-oriented programming concepts for students with previous programming experience in C/C++. The course provides a comprehensive overview of basic programming concepts in the Java programming language using an object-oriented approach.

**Credits:** 1

**Prerequisites:**

Computer Science II.

**SYCS 211: Unix Lab**

This course will present the basic concepts of LINUX and UNIX operating systems. Topics that will be examined include Vi editor, Linux Command, directories, Disks and File systems, Users and Groups, File Permissions, Processes, file compression, basic network use, manage files, create and modify files, and Shell script.

**Credits:** 1

**Prerequisites:**

Computer Science I.

**SYCS 341: Theory of Computation**

Introduction to the classical theory of computer science. A study of the formal relationships between machines, languages and grammars; we will cover regular, context-free, context-sensitive, recursive and recursive enumerable languages. Sequential machines and their applications to devices, processes, and programming. Models of computation: finite state automata, push down automata, Turing machines. The role of non-determinism.

**Credits:** 3

**Prerequisites:**

Computer Science III and Discrete Structures, Calculus II.

**SYCS 350: Structure of Programming Languages**

The course will teach students the basic components of the design and analysis of computer programming languages as well as the fundamental computation theory that is required to understand those concepts. The course will also cover several non-imperative languages (unlike C, such as LISP and Prolog) to expose students to the diversity of programming languages.

**Credits:** 3

**Prerequisites:**

Computer Organization, Theory of Computation (After fall 2008).

**SYCS 354: Computer Science III**

The course continues the study of data structures and algorithms, focusing on algorithmic design and problem analysis and the relationships between data representation, algorithm design, and program efficiency. Topics include advanced data structures, key algorithm design techniques, analysis of the time and space requirements of algorithms, and the subsequent development of solution of systems. Concrete examples will be drawn from a variety of domains, such as algorithms for trees and graphs, indexing and search, and real-world problems.

**Credits:** 3

**Prerequisites:**

Computer Science II (with a grade of 'C' or better).

**SYCS 363: Large Scale Programming**

This course will introduce the students to applications and systems in the large scale. Students will be introduced to the object-oriented method to software design using UML and will apply the object-oriented design/analysis techniques of UML to a realistic Java application. Students will gain familiarity with managing larger projects and OOA/D.

**Credits:** 3

**Prerequisites:**

Computer Science III

**SYCS 364: Web Services**

Presents topics in distributed computing with particular emphasis on Web Services using Microsoft .NET Framework. Also discussion on layered protocols, the client-server model, remote procedure call. Students program extensively in C# and Visual Basic .NET. Corequisites: 306-401 (Undergraduate Operating Systems) basic knowledge of operating system services, 306-450 Data Communications.

**Credits:** 3

**SYCS 375: Software Engineering**

This course will introduce students to the basic concepts of software engineering and the software development life cycle. The course will cover methodological techniques for software specification, design, implementation, testing, verification, and documentation. The course will also present the use of state-of-the-art tools for computer-aided software engineering (CASE).

**Credits:** 3

**Prerequisites:**

Computer Science III (SYCS 354)

**SYCS 376: Operations Research (formerly Systems II)**

Methodology for planning, analyzing and evaluating optimal systems: identifying and structuring objectives and defining performance requirements that influence the design of the system. Synthesizing and analyzing alternative solutions and applying optimization techniques for the optimum queuing system. Applications to real world systems with open and closed queues with emphasis on computer systems using microcomputer software packages.

**Credits:** 3

**Prerequisites:**

SYCS 375 Systems Engineering I (new name Software Engineering)

**SYCS 379: Introduction to Human Computer Interaction**

Students will learn the fundamental concepts of human-computer interaction and user-centered design thinking, through working in teams on an interaction design project, supported by lectures, readings, and discussions. They will learn to evaluate and design usable and appropriate software based on psychological, social, and technical analysis. They will become familiar with the variety of design and evaluation methods used in interaction design, and will get experience with these methods in their project.

**Credits:** 3

**Prerequisites:**

Computer Science III

**SYCS 390: Ethical and Social Impact of Computing**

This course will present the foundations of ethics in the context of computing. The broader social impact of computing and technology in general will also be reviewed. Areas of specific focus will include technology and human values, costs and benefits of technology, the character of technological change, and the social context of work in computer science and information technology.

**Credits:** 3

**SYCS 401: Operating Systems**

This course will present the basic concepts of operating systems. Topics that will be examined include processes and interprocess communication/synchronization, virtual memory, program loading and linking system calls and system programs; interrupt handling, device and memory management, process scheduling, deadlock and the trade-offs in the design of large-scale multitasking operating systems.

**Credits:** 3

**Prerequisites:**

Software Engineering, and Computer Organization.

**SYCS 402: Mobile Application Development**

This course will introduce students to developing applications which target mobile devices. Students will be introduced to many issues unique to mobile applications, including synchronization, remote data access, security and sometimes-connected networks. They will research topics in these areas and develop a significant project which demonstrates their knowledge and understanding of these issues.

**Credits:** 3

**Prerequisites:**

Computer Science III

**SYCS 410: Modeling and Simulation**

Introduces the fundamentals of system design and modeling. Emphasizes advantages and limitations of various modeling techniques for different applications. Introduces probability distributions typical of queuing models and presents in-depth discussions and experiments with existing simulation packages.

**Credits:** 3

**Prerequisites:**

Systems Engineering I (Software Engineering new course name), Probability and Statistics



**SYCS 421: Computer and Video Game Development**

The course will span the software domains embedded in computer and video games. Topics such as game computational infrastructure, design, engines, and motion will be presented through discussion and assignments. Game industry guest speakers will discuss software challenges and opportunities. Students completing this course will understand the software development process required to create a successful game and possess the programming expertise to create a simple game.

**Credits:** 3

**Prerequisites:**

Computer Science III, Systems Engineering I (new name Software Engineering)

**SYCS 422: Game Engine Programming**

Game engine programming is introduced as a critical element in compelling game creation. Programming activity will feature input capture, world integration, object motion, collision detection and audio scoring. Game performance metrics, code optimization and quality assurance testing procedures will be emphasized. Code examples will be presented from XNA game studio and Torque. Course game project may be completed using a 2D or 3D game engine of choice including Torque, Gamestudio, Panda3D, or OGRE 3D rendering engine.

**Credits:** 3

**Prerequisites:**

Computer and Video Game Development.

**SYCS 432: Database Systems**

This course will present the basic concepts of database systems. Topics that will be covered include basic relational database theory, relational database modeling, relational database design and implementation, normalization, transaction management, the SQL language and other languages and facilities provided by database management systems.

**Credits:** 3

**Prerequisites:**

Computer Science III.

**SYCS 440: Object-Oriented Programming**

Introduces the fundamentals of object-oriented information system development with a focus on analysis and design phases. Data modeling and design principles such as data abstraction, information hiding, modularity, and coupling are viewed in the context of object-oriented paradigm. For object-oriented modeling Unified Modeling Language (UML) is introduced and used extensively throughout the course. Issues relating to making the transition from other software development methodologies are examined and risks involved in object-oriented process are discussed.

**Credits:** 3

**Prerequisites:**

Computer Science III

**SYCS 450: Data Communications and Network Programming**

This is an introductory course on computer networking. It will cover the layering model of the Internet. The upper four layers (application, transport, network and data link) will be discussed in details with dominant networking protocols and algorithms introduced. Students will also learn how to do basic programming on the Internet.

**Credits:** 3

**Prerequisites:**

Computer Science III, Computer Organization, Analysis of Algorithms (new name Fundamentals of Algorithms), Discrete Structures

**SYCS 451: Applied Wireless Networking**

From both the conceptual and practical standpoints, this course will present the basics of wireless networking. Topics that will be examined include the connection between wireless networks and the Internet, radio signal transmission fundamentals, wireless LAN/WAN industrial stands, and wireless network administration such as network design, installation, configuration, maintenance and trouble shooting.

**Credits:** 3

**Prerequisites:**

Data Communications

**SYCS 453: Intro to Cybersecurity I**

This course introduces the basic concepts of cryptography. Various cipher systems are presented including transposition and substitution systems, Block ciphers, RSA & Knapsack. Methods used to attack ciphers are discussed with emphasis on complexity. Case studies of use of cryptographic methods in communication systems are presented with some consideration given to privacy issues.

**Credits:** 3

**SYCS 454: Intro to Cybersecurity II**

Modern topics in computer security, including: protection, access control, operating systems security, network security, database security, applied cryptography, cryptographic protocols, secure programming practices, safe languages, mobile code, malware, privacy and anonymity, and case studies from real-world systems.

**Credits:** 3

**SYCS 460: Advanced Systems Administration**

Advanced system administration course provides a strong practical experience to Linux and Solaris operating systems. The course includes topics such as Samba (Windows file and print sharing), Email, Web serving with Apache, remote access, networking setup, Internet proxy services, fire wall and security administration, deploy LDAP in a Linux, Solaris and windows environment and also compile, configure and patch a Kernel module.

**Credits:** 3

**Prerequisites:**

Data Communications, Unix Lab

**SYCS 470: Fundamentals of Algorithms**

Techniques for designing efficient algorithms, analyzing their complexity and applying these algorithms to a broad range of application settings. Methods for recognizing and dealing with hard problems are studied.

**Credits:** 3

**Prerequisites:**

SYCS 354: Computer Science III, MATH 189: Probability and Statistics

**SYCS 472: Systems Management Analysis**

This course presents methodology for large-scale system design and analysis using modern semantic analysis techniques. Identification and definition of large-scale (community/industrial-based) problems. Discusses how to select and quantify measures of the severity of the problem. Presents different techniques for modeling alternative solutions to problems.

**Credits:** 3

**Prerequisites:**

Systems Engineering I (Software Engineering new course name).

**SYCS 474: Computational Biology**

Introduces computational methods for understanding biological systems at the molecular level. Problem areas such as mapping and sequencing, sequence analysis, structure prediction, phylogenetic inference, regulatory analysis. Techniques such as dynamic programming, Markov models, expectation-maximization, local search.

**Credits:** 3

**SYCS 475: Intro to Machine Learning**

Techniques for learning from data and applying these algorithms to application settings. Topics covered include Bayesian methods, linear classifiers such as the perceptron, regression, and non-parametric methods such as k-nearest neighbors.

**Credits:** 3

**SYCS 478: Engineering Economic System Design**

Presents methodology for system design. Methodology begins with identification and definition of private sector problems to which solutions are justified by economics. Discusses selection of appropriate economic measures for comparing alternative solutions such as present worth, equivalent annual cost, cost/benefit ratio, life cycle cost, return on investment payback period. Presents different techniques for modeling alternative solutions to the problems and predicting cost. Other topics discussed include decision-making, system implementation, operations and retirement.

**Credits:** 3

**Prerequisites:**

Systems Engineering II (new name Operations Research).

**SYCS 480: Digital Media and Multimedia Applications**

This course provides an introduction to digital media fundamentals including audio, video formats, storage and delivery. Windows Media and other technology will be extensively utilized as a method for digital content manipulation, rights management and internet transfer. Students will be exposed to basic internet architecture, operations and useful world wide web (WWW) resources. In addition, a practical understanding of digital computational devices, communication ports and connection cables will be acquired.

**Credits:** 3

**Prerequisites:**

Junior Standing.

**SYCS 491: Senior Project I**

Allows the senior student the opportunity to demonstrate his or her knowledge of systems engineering and computer science principles by application to a class project of his or her choosing, with the guidance and supervision of a faculty member. The student develops a proposal for the project, followed by an architectural design and detailed design, all of which must be presented in class.

**Credits:** 2

**Prerequisites:**

Systems Engineering I (Software Engineering new course name), Computer Organization.

**SYCS 492: Senior Project II**

In part two, the senior student develops and implements the system solution to the proposed project. The system, most commonly comprising computer software, hardware, procedures, etc., is implemented and tested in the department's Systems Development Laboratory. The student is required to demonstrate the system solution to the faculty and the student body of the department.

**Credits:** 2

**Prerequisites:**

Senior Project I.

### **SYCS 493: The Lean LaunchPad: Technology Entrepreneurship and Lean Startups**

This course provides real world, hands-on learning on what it's like to actually start a high-tech company. This class is not about how to write a business plan. It's not an exercise on how smart you are in a classroom, or how well you use the research library to size markets. And the end result is not a Power Point slide deck for a VC presentation. And it is most definitely not an incubator where you come to build the—hot-idea that you have in mind. This is a practical class—essentially a lab, not a theory or—book class. Our goal, within the constraints of a class room and a limited amount of time, is to create an entrepreneurial experience for you with all of the pressures and demands of the real world in an early stage startup. You will be getting your hands dirty talking to customers, partners, competitors, as you encounter the chaos and uncertainty of how a startup actually works. You'll work in teams learning how to turn a great idea into a great company. You'll learn how to use a business model to brainstorm each part of a company and customer development to get out of the classroom to see whether any one other than you would want/use your product. Finally, based on the customer and market feedback you gathered, you would use agile development to rapidly iterate your product to build something customers would actually use and buy. Each day will be new adventure outside the classroom as you test each part of your business model and then share the hard earned knowledge with the rest of the class.

**Credits:** 3

### **SYCS 498: Special Topics: Robotics Programming**

This course will present the basic concepts of programming intelligent robot systems. Topics that will be examined include a general introduction to robotics hardware, a survey of actuators and how to use them and programming sensors. Higher level concepts that will be covered include multi-robot communication, robot localization and path planning. Most topics covered in the course will have an associated project implemented with the Lego Mindstorms NXT kit.

**Credits:** 3

**Prerequisites:**

Computer Science or Scientific Computing for Engineers or (some prior programming experience), Calculus I.

## **HOSP - Hospitality Management**

### **HOSP 300: Intro to Hospitality Industry**

A survey of the history, direction, and organizational structure of the hospitality industry and the place of the hotel, motel, and restaurant in the local and national economy.

**Credits:** 3

**Prerequisites:**

B-School Major/Minor

### **HOSP 301: Hotel-Motel-Restaurant Mgmt**

Application of management tools, techniques and concepts to hotels, motels, restaurants, resorts, clubs and their various departments

**Credits:** 3

**Prerequisites:**

B-School Major/Minor

### **HOSP 303: Food Service Management**

Involves the basics of commercial food preparation, product identification, menu planning, sanitation, scheduling, staffing, and merchandising

**Credits:** 3

**Prerequisites:**

B-School Major/Minor

**HOSP 305: Hosp Financial Mgmt**

Emphasizes the financial practices and systems used in hotels, motels, and restaurants. Involves the interpretation of financial statements, cash forecasting, taxes, and cash flow analysis

**Credits:** 3

**Prerequisites:**

B-School Major/Minor

**HOSP 307: Lodging/ Property Management**

Deals with the management of hospitality property in terms of its physical aspects, capital investment, layout and designs, building renovation, maintenance of facilities and equipment, and building systems.

**Credits:** 3

**Prerequisites:**

B-School Major/Minor

**HOSP 309: Hotel & Restaurant Law**

Examines the legal dimensions of hotels, motels, restaurants, resorts, and associated businesses, including the duties, rights and liabilities of the innkeeper-host and guests

**Credits:** 3

**Prerequisites:**

B-School Major/Minor

**HOSP 311: Hospitality Marketing**

Deals with the development, use and evaluation of effective merchandising, advertising and public relations techniques in the hospitality industry.

**Credits:** 3

**Prerequisites:**

B-School Major/Minor

**HOSP 312: Club/Institutional Management**

Treats the overall operation of private clubs, including food service, private group arrangements, recreational facilities, staffing, etc.

**Credits:** 3

**Prerequisites:**

HOSP 301.

**HOSP 313: Management of Tourism**

Deals with the travel industry and operations of enterprises in the industry. Highlights trends, travel modes, economic impact on destination areas, tourism development, and marketing.

**Credits:** 3

**Prerequisites:**

HOSP 301.

**HOSP 315: Food, Beverage, and Labor Cost Controls**

Examines forecasting, selecting purveyors, ordering, receiving, storing, merchandising, controlling inventory, and issuing. Labor, preparation, pre-control methods, comparison of actual and standard costs, scope of the menu, and customers' expectations are also discussed.

**Credits:** 3

**Prerequisites:**

HOSP 300

**HOSP 317: Convention/Meeting Planning**

Organizing and operating conventions, trade shows, concessions, and recreational facilities. Emphasis on sales methods, booking, and the administrative aspects of operations.

**Credits:** 3

**Prerequisites:**

HOSP 300.

## FINA - Finance

### COURSE DESCRIPTIONS

**FINA 100: Cooperative Program I**

Offers career-related training consistent with student's interest.

**Credits:** 1

**FINA 200: Cooperative Program II**

Continuation of FINA 100, with additional responsibilities to enhance career development.

**Credits:** 1

**FINA 210: Personal Money Management**

This course is designed to give students exposure to personal financial-making decisions. The course is open only to non-business majors. The objectives are to give students information in the following areas: credit issues, banking, taxes, record keeping, real estate, insurance, savings and investments, estate planning, retirement, and employee benefits. Non- Business majors only.

**Credits:** 3

**FINA 300: Cooperative Program III**

A comprehensive phase of assignments consistent with student's career objective.

**Credits:** 2

**FINA 307: Series 7 Prep**

An exam preparation course covering topics related to the SIE and General Securities Registered Representative Exam (Series 7). Expose students to topics currently covered by the SIE and Series 7 examination including (but not limited to) corporate, equity/fixed-income securities, local/state/federal government, securities, derivative securities, and investment company products. This course is not affiliated with FINRA, the Series 7, exam provider, and does not exempt students from the examination eligibility requirements.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 311: Finance Principles**

Covers introductory principles needed to make sound financial management decisions for business and personal purposes. Develop skills for analyzing and evaluating investment projects, valuing debt and equity securities for investment purposes and managing business cash flows. Fundamental principles surrounding topics such as the time value of money, security valuation, risk / return tradeoff, cost of capital, capital budgeting, short-term financing and planning, and international parity relationships are discussed.

**Credits:** 3

**Prerequisites:**

ACCT 202; ECON 001; ECON 002; MATH 026/156 (C); B-School Major/Minor

**FINA 312: Bus. Finance (Majors)**

Provides an in-depth knowledge of business financial management. The central topics include: the financial and business environment of the firm, the time value of money, and financial analysis planning and control. Special focus will be on security and asset valuation. Capital budgeting and working capital management are also strongly emphasized.

**Credits:** 3

**Prerequisites:**

ACCT 202; ECON 001; ECON 002; MATH 026/156 (C); Finance Major

**FINA 313: Financial Management**

An analysis of the major parameters in the financial decision-making process with an emphasis on long-term financing. Develop key concepts and applications of corporate financial analysis for the student through an in-depth study of the principles underlying corporate financial decision making. Enhance the student's analytical and problem-solving ability in dealing with modern business environment problems with an emphasis on financial management control and analysis, and investment decisions.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 320: Prin of Pers Financial Plan**

A comprehensive analysis of the personal financial planning process as it relates to planning the total financial and estate affairs of individuals and families. Provide students with the knowledge, information and skills that can be applied by them in making personal financial planning decisions, developing a financial plan consistent with the goals and resources of the individual, and implementing and achieving the goals of the plan.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312; B-School Major/Minor

**FINA 321: Wealth Management**

Emphasizes a wide range of topics pertaining to personal financial planning including credit management, risk analysis, effective communication of the financial counselor, tax planning, estate planning, insurance planning, retirement planning and investment strategies. Explore how to develop successful financial planning strategies and how to pursue career opportunities in the field.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 322: Financial Markets & Inst.**

An analysis of financial markets and their impact on the creation, operation, and public regulation of financial institutions. Provide a rigorous analysis of financial markets and institutions serving the various sectors of the U.S. economy. It also deals with the Federal Reserve System, its monetary policy and regulatory controls over the various financial institutions. It is a Finance elective course, intended for senior finance majors in the Department of Finance.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 323: Commercial Banking**

The study of commercial banking as a profit-seeking enterprise. The course also focuses on loan policy, credit documentation, investigation, analysis, and decision making.

**Credits:** 3

**Prerequisites:**

FINA 311.

**FINA 325: Capital Markets**

Introduce financial markets and discuss market participants, the basics of cash and derivatives markets, the structure of interest rates and the pricing of debt obligations, equity markets, and debt markets. It is an undergraduate finance elective for finance majors and a business elective for non-finance business majors. It is a required course for students completing the Capital Markets, Sales & Trading, or Investment Management tracks and an elective course completing other tracks in finance.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 330: Principles of Investments**

Provide conceptual foundations and the practical pursuit of investment objectives. Explore and become familiar with the body of knowledge, including theoretical principles and empirical evidence, that is applied in the evaluation of alternative investments and the development of successful investment strategies. Emphasize on the application of computer software and data bases as a decision support tool for your investment strategies.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 331: Investment Analysis and Portfolio Management**

The development and application of Modern Portfolio theory. A comparison of investment alternatives

**Credits:** 3

**Prerequisites:**

FINA 330.

**FINA 357: Adv Fin Analy Topics**

Provide students with important knowledge, and develop their critical skills, for analyzing and answering questions based on the curriculum for the Level I exam of the CFA program. This course requires extensive independent study. Highlight and explain important materials from the assigned readings in classes, but the entire curriculum cannot be covered in classes.

**Credits:** 3

**Prerequisites:**

FINA 312 (C); B-school Major/Minor

**FINA 358: Independent Study in Finance II.**

A specialized research into finance problems or preparation for professional finance examinations.

**Credits:** 1-3

**Prerequisites:**

FINA 357.

**FINA 360: Sem-Finc: Tech Analy-Invest**

Explore the fundamental concepts of technical analysis and how to apply them toward the development and implementation of profitable investment strategies. Become knowledgeable of the of risk management and money management principles that are an integral part of the successful implementation of technical analysis. Become familiar with the application of software, databases and websites that can be a valuable support tool for technical analysis.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor



**FINA 361: Bank Credit Administration**

Covers loan policy, credit documentation, investigation, and analysis.

**Credits:** 3

**Prerequisites:**

FINA 311 or FINA 312.

**FINA 363: Financial Model & Analysis**

An introductory course in computer application to business and financial decision-making. Uses Excel to develop, use, and analyze financial models relating to discounted cash flows, loan amortization, bond valuation, lease analysis, yield curves, capital budgeting, break-even analysis, corporate and life-cycle financial planning, valuation of firms and stocks, and option pricing.

**Credits:** 3

**Prerequisites:**

FINA 312 (C); B-school Major/Minor

**FINA 364: Investment Banking**

Provide the professional practices of investment banks including raising capital through IPOs, or secondary issues of equity, and debt for clients. Explore investment banks which advise on M&A transaction, sell securities to institutional investors, engage in proprietary trading, or trade for their own account. Analyze the professional objectives and behavior in the various departments of an investment bank: departments of research, equity capital market, debt capital market, M&A and asset management, etc.

**Credits:** 3

**Prerequisites:**

FINA 313 (C); B-School Major/Minor

**FINA 365: Fin Derivatives: Futures & Opt**

An in-depth analysis of options, futures, and other derivatives. Study financial derivatives whose prices are derived from the prices of other underlying securities. Provide students with a sound understanding of the significance of financial derivatives in the process of financial risk management. The types of contracts (derivative securities) studied include forwards, futures, options and swaps. Discuss each contract in detail with respect to its mechanics and institutional features, trading strategies, and equilibrium pricing relationships.

**Credits:** 3

**Prerequisites:**

FINA 312 (C); B-school Major/Minor

**FINA 366: Investment Management**

Learn a wide of knowledge pertaining to investment management including risk measurement and management, modern portfolio theory, fundamental analysis of securities, fixed income investing, behavioral finance, futures markets, options, and alternative investments. Explore the interrelationships between the business cycle and financial market cycles. Emphasize the analytical methods and sources required for the development and implementation of successful investment strategies. Focus on risk management principles and strategies in the investment.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 370: Bond Markets: Anlys & Strategy**

An in-depth analysis of fixed-income securities. Topics include: measuring yields, bond price volatility (duration and convexity); the term structure of interest rates; non-U.S. bonds; treasury and agency securities markets; corporate and municipal debt instruments; convertible bonds; collateralized mortgage obligations; mortgage-backed securities; other asset-back securities; interest rates; futures, options, swaps and agreements. Also includes bond portfolio management strategies.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 371: Venture Capital**

A review of the overall process of venture capital from both the venture capitalist's perspective and the entrepreneur's perspective. The role of venture capital in both the U.S. economy and developing economies is discussed. A complete overview of the venture capital process is provided, including the proposal, the commitment letter, the closing, and the exit. Focus will be on the organization and management of a venture capital firm. The instructional method used in this course will be both lecture and case analysis.

**Credits:** 3

**Prerequisites:**

FINA 311.

**FINA 373: Financial Statement Analysis**

Prepare students for future finance courses built upon the foundation laid by the concepts and topics learned in prior courses. Evaluate company performance and calculate its value using various methods of analysis and Excel techniques through a more in-depth understanding of the stories told by the three primary financial statements and Form 10-K. Show students how to utilize a companys current and forecasted financial statements for strategic decision making.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 374: Valuation**

Equip students with knowledge and skills for measuring and maximizing shareholder value, including foundations of value and core valuation techniques as well as valuation in special situations, such as high-growth companies and cyclical companies.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312 (C); B-School Major/Minor

**FINA 380: Bus Fin Policy & Decision Mkg**

This is a finance capstone course in which we will apply the case study and PC Fingame simulation methods to identify, analyze and make decisions concerning business problems that have financial implications. Ensure the in depth understanding and use of corporate financial concepts and applications through the use of case study analysis and study.

**Credits:** 3

**Prerequisites:**

FINA 313 (C); senior; B-School Major/Minor

# INSU - Insurance

## **INSU 320: Introductory Actuarial Mathematics**

An introduction to the basic mathematical concepts used in evaluating life insurance and pension benefits, including compound interest theory, mortality tables, and multiple decrement tables.

**Credits:** 3

## **INSU 350: Risk & Insurance**

Provide students to an introduction to risks and insurance and analyze the nature of risk as it relates to personal, financial, and business decisions. Intended to give an understanding of insurance principles, insurance functions, and legal aspects of insurance. Emphasize basic insurance terminology and issues such as moral hazard and adverse selection and analyze a couple of insurance policies, personal auto insurance and homeowners insurance. Explore insurance accounting, risk financing, and alternative risk transfers.

**Credits:** 3

### **Prerequisites:**

FINA 311; FINA 312; B-School Major/Minor

## **INSU 351: Life & Health Insurance**

Provide an overview of life and health insurance products, applications of those products and discuss the types of policies and contracts and management of life insurance companies. Explore the operational aspects of a life insurer along with ratemaking, underwriting, claims management, and investment practice of life insurers. Emphasize the economic principle and mathematical foundation of life insurance. Examine an overview of legal aspects as well. Encourage students to take a CLU examination, HS 323.

**Credits:** 3

### **Prerequisites:**

FINA 311; FINA 312; B-School Major/Minor

## **INSU 352: Property Liability Insurance**

Analyze the needs by business and individuals for property and liability insurance, the nature of coverage available, and systems of rating, marketing, and underwriting. Provide students with an overview of risk management for property and liability exposures of commercial enterprises and an examination and identification of loss exposures for those entities. Explore common commercial insurance contracts and overview of legal aspect. Discuss risk financing methodologies in details.

**Credits:** 3

### **Prerequisites:**

FINA 311; FINA 312; B-School Major/Minor

## **INSU 353: Social Insurance**

An examination of various federal and state programs of social and employment security, workmen's compensation, and other government insurance.

**Credits:** 3

### **Prerequisites:**

Junior standing.

## **INSU 354: Risk Management**

Explore the nature of risk management and the role of the risk manager in business or government organization. Emphasis is given to identify and evaluate loss exposures, and to develop risk control methods and risk financing techniques for exposures. Emphasize a conceptual framework for risk management decisions to increase business value and individual welfare. Discuss the concept of enterprise risk management and various risk financing alternatives with particular emphasis on new developments.

**Credits:** 3

### **Prerequisites:**

FINA 311; FINA 312; B-School Major/Minor

**INSU 355: Independent Study: Employee Benefit Plans**

Comprehensive study of the principles underlying the design and operation of employee benefit plans. The various administrative funding techniques for providing these benefits are evaluated.

**Credits:** 3

**Prerequisites:**

INSU 351.

**INSU 357: Practicum in Insurance I**

Preparation for professional insurance examinations or a specialized insurance project.

**Credits:** 3

**Prerequisites:**

INSU 350.

**INSU 358: Practicum in Insurance II**

Preparation for professional insurance examinations and research into specialized insurance problems.

**Credits:** 3

**Prerequisites:**

INSU 357.

## INBU - International Business

**INBU 300: Principles of Intrn'l Business**

Develop the competitive structure of industries and for formulating strategy within an international context. Examine competitive theories, analyses, and strategies relevant to the major national and international business environments. Discuss organizational and functional issues including transnational company structures, the role of marketing, finance, trade, technology transfer and the public-private interface in the formulation of firm strategy.

**Credits:** 3

**Prerequisites:**

ACCT 202; ECON 001; ECON 002; MATH 026/156 (C); B-School Major/Minor

**INBU 320: International Marketing**

Discuss the fundamentals of marketing and its management in competitive global environments and diverse national economies. Explore demand analysis, product development, product pricing, marketing organization, foreign representation and distribution systems, promotion, advertising and sales and services. Emphasize the regulatory issues related to international marketing.

**Credits:** 3

**Prerequisites:**

INBU 300 (C); MKTG 301; Junior; B-School Major/Minor

**INBU 340: International Financial Mgmt**

Analyzes the various issues involved in the acquisition and investment of funds in the international markets. Familiarize students with the effects of international dimensions on business finance and investments. Explore the international dimensions of financial management, in addition to domestic financial management. Investigate the implication of foreign exchange risk, expanded investment opportunity set, and market imperfections such as excessive information and transaction costs, and legal barriers. Cover the practical aspects of international finance.

**Credits:** 3

**Prerequisites:**

FINA 311; FINA 312; INBU 300 (C); Junior; B-School Major/Minor

**INBU 357: Independent Study in International Business.**

Involves a plan of directed readings, discussions, and research on specialized problems.

**Credits:** 1-3

**Prerequisites:**

permission of the instructor.

**INBU 358: Independent Study in International Business.**

Involves a plan of directed readings, discussions, and research on specialized problems.

**Credits:** 1-3

**Prerequisites:**

INBU 357.

**INBU 360: Management of Intern'l Bus**

Primarily uses the case method to identify, analyze, and solve a variety of strategic issues faced by the international manager. Examine the major strategic and policy issues facing multinational firms operating in the increasingly competitive global environment. Focus on the relationships of the company's external environment and internal resources which result in the development of broad corporate strategies and specific operational policies. Provide an in-depth conceptual framework for analyzing those issues and challenges.

**Credits:** 3

**Prerequisites:**

INBU 300 (C); INBU 320 (C); INBU 340 (C); MGMT 301; Senior; B-School Major/Minor

**INBU 361: Export-Import Management**

Includes international market research, shipments, arbitration, and financing.

**Credits:** 3

**Prerequisites:**

INBU 320.

**INBU 365: Intl Human Resources Mgmt**

Discuss the fundamentals of human resource management in competitive global environments and diverse national economies. Major topics include globalization, competitiveness and the management of human resources; the impact of organizational strategies and international production on the workplace; globalization and organization of labor force; globalization and human resource development; globalization and cultural change in organizations; labor union responses to globalization; and globalization and regulatory issues related to employment and the workplace.

**Credits:** 3

**Prerequisites:**

INBU 300 (C); B-School Major/Minor

**INBU 380: International Entrepreneurship**

Familiarize students with issues and challenges facing global entrepreneurs at different levels. Examine the major strategic and policy issues facing small and medium sized firms when they decide to enter and operate in this challenging global environment. Emphasize on the relationships of the company's external environment and internal resources which result in the development of the company's overall strategy and specific operational policies.

**Credits:** 3

**Prerequisites:**

INBU 300 (C); INBU 320 (C); MGMT 301; B-School Major/Minor

**INBU 390: Seminar in International Bus**

Examine the major strategic and policy issues facing small and medium sized firms when they decide to enter and operate in the increasingly competitive global environment. Focus on the relationships of the company's external environment and internal resources which result in the development of the company's overall strategy and specific operational policies. Provide an in-depth conceptual framework for analyzing those issues and challenges which must be addressed to optimize the successful operation of these firms.

**Credits:** 3

**Prerequisites:**

INBU 300 (C); B-School Major/Minor

**INBU 398: Study Abroad**

This seminar course explores everything from how companies use social media to communicate their products/services to cultures and governments including social media platforms, influencers, websites, blogs and more.

**Credits:** 3

**Prerequisites:**

Approval

## Information Systems & Supply Chain Management

**INFO 396: Project Management**

**Credits:** 3

## INFO - Computer Based Information Systems

### COURSE DESCRIPTIONS

**INFO 010: Business Problem Solving**

Prepares to introduce students to the basic concepts of Problem Solving Methodologies. The objective is to improve students analytical thinking and reasoning skills, provide students with a systematic process for thinking through a problem when they do not know the proper steps, algorithm, standards, process, or methods(i.e. when confronted with an intractable problem), and teach students strategies that is applicable for solving problems in any business discipline. Students will utilize Microsoft Excel Spreadsheets and tools to view, manipulate, analyze and organize data, and produce solutions.

**Credits:** 2

**Prerequisites:**

School of Business Student

**INFO 101: Cooperative Program I**

Offers career-related training consistent with student's interest.

**Credits:** 2

**INFO 102: Cooperative Program II**

Continuation of INFO 101 with additional responsibilities to enhance career development.

**Credits:** 2

**INFO 202: Computer Introduction**

The course is an introduction to the elementary and fundamental concepts of modern information systems. The course provides hands-on experience with the application of software packages commonly used by knowledge workers. Students will develop small applications using Internet tools, databases, spreadsheets, word processing and presentation graphics, and also integrate these applications.

**Credits:** 1

**INFO 204: Mgmt Inform Sys**

Provides students with a broad foundation in the concept of modern information systems, including information processing and information technologies in the corporate and organizational environments. Topics include strategic information systems, computer hardware and software, user-interface, data communications, and data management. The emphasis is on problem solving through the use of information systems tools to develop solutions for real-life cases of limited complexity.

**Credits:** 3

**Prerequisites:**

INFO 010; B-School Major/Minor; EA School

**INFO 210: Intro to Software Design**

Gives students an introduction to software engineering, algorithm development and structured problem solving, coding, testing, and debugging techniques. The major emphasis is on programming logic. Small illustrative applications are developed using a high level programming language. (Formerly INFO 320)

**Credits:** 3

**Prerequisites:**

INFO 204 (C); Business Major/Minor; EA School

**INFO 300: Structured COBOL Programming I**

The course involves the use of structured COBOL programming to solve a set of common business problems including data validation, multilevel control break processing, sequential update, the internal sort, and tables.

**Credits:** 3

**Prerequisites:**

INFO 204, INFO 210.

**INFO 302: Introduction to C Language Programming**

The concept of Structured programming is emphasized. Functions and program structure: primitive data types, pointers, arrays, structures and unions: control flow, input, output, system calls and function arguments: types, operators and expressions are addressed. The C++ Programming Language is introduced.

**Credits:** 3

**Prerequisites:**

INFO 204, INFO 210.

**INFO 304: Visual Basic**

The course provides an introduction to Object Oriented Programming. The student will be exposed to a style of programming especially suited for graphical user interfaces. Students will learn Visual Basic concepts like projects forms, controls/objects, properties and events combined with coding concepts like subprograms, functions, arrays, logic structures and different Input-Output processes to create Object-Oriented, Event-Driven programs. This course will provide a higher level of programming and problem-solving skills with particular emphasis on some of the more advanced topics in Object-Oriented programming.

**Credits:** 3

**Prerequisites:**

INFO 204 and INFO 210.

**INFO 305: Structured COBOL Programming II**

Cobol Programming II is designed to develop advanced programming skills and techniques. Students will write High-Level COBOL programs that involve single and advanced level arrays and tables and multiple level control break processing. Students will develop and work with file maintenance programs that include file sorting and merging and sequential, indexed, and relative file processing. Advanced topics in COBOL II include the COPY and CALL statements, advanced debugging aides, the improvement of program performance, and the Report Write Module. The application of VSAM (ESDS, KSDS, RRDS) file processing, the IBM/MVS/ESA/TSO/ISPF environment for editing and managing data sets, and IBM JCL and IBM CICS/MRO are discussed and applied for batch and interactive processing. Students will apply these advanced concepts and techniques to design and develop challenging, real-world applications including subprograms, array and file sorting, advanced array structures, VSAM (ESDS, KSDS, RRDS) file processing, and the IBM/MVS/ESA/TSO/ISPF environment for editing and managing data sets. IBM job control language is used for compiling, linking, and executing batch applications and IBM-CICS/MRO is introduced for interactive applications.

**Credits:** 3

**Prerequisites:**

INFO 300.

**INFO 307: Visual C++**

This is a natural extension of the structured programming introduced in INFO 210. It moves into C++ quickly and to Visual C++. A thorough foundation of the C++ language is presented. Programs are written in both DOS and Windows platforms. The course uses the Microsoft Integrated Developer's Environment as the development studio. Object-oriented Programming is emphasized as the paradigm for resolving issues of program complexity, software reusability, and program portability. Team study and solution design are the foci of instruction

**Credits:** 3

**Prerequisites:**

INFO 210.

**INFO 310: Data Analysis**

This course assumes fundamental knowledge of basic statistics through hypothesis testing with simple linear regression analysis or analysis of variance. The topics in this course include multiple regression analysis, analysis of variance, design of experiments, and time series. This course is aimed at the knowledgeable business student seeking a deeper understanding of statistical epistemology and decision-making. Experimentation with data bases using statistical software packages such as MINITAB, SAS, or SPSS is the implementation strategy of the course

**Credits:** 3

**Prerequisites:**

INFO 204, INFO 210, and Economics ECON 180.



**INFO 311: Quant Business Analysis**

Help students develop the ability to model and analyze a variety of business related decision situations. This course emphasizes the use of spreadsheets in the modeling process. Classical Management Science and operations research techniques are used to develop insight into the optimization of decision-making

**Credits:** 3

**Prerequisites:**

ECON 180; INFO 204; MATH 026/156 (C); Junior; B-School Major/Minor; EA School

**INFO 315: Advanced Personal Computer and Workstation Concepts**

This course provides in-depth exposure to the hardware and software components of personal computers and workstations, computer configurations, LAN design, and documentation and implementation. The course also includes laboratory exercises that focus on DOS features, similarities between DOS and Unix, and TCP/IP protocols. Suggested Coreq.: INFO 360 or permission of the instructor.

**Credits:** 3

**INFO 325: Intro to Data & Network Comm**

Provides a comprehensive study of the communication hardware and software and the regulations required to deliver information from a source through a medium to a destination. Digital, analog, security, network, and network management requirements for data communication are introduced and implemented using software simulations.

**Credits:** 3

**Prerequisites:**

INFO 210 (C); B-School Major/Minor

**INFO 330: Data Base Management**

This course is an overview of the database approach and database management systems (DBMS). Topics include physical, conceptual, and external views of data; logical and physical data structures; referential integrity, data definition; and data manipulation languages. The course also covers the enterprise data model, the hierarchical data model, security and concurrency control, and client server computing.

**Credits:** 3

**Prerequisites:**

INFO 210 (C); B-School Major/Minor

**INFO 335: Prod & Operations Management**

Teaches students about production and service operations from a systems perspective. The course emphasizes problem formulation, analysis of models necessary for system design and system operation, and the interaction between production and operation management activities and other activities of an organization. Global strategic and competitive issues are discussed. The course uses decision support systems software as appropriate

**Credits:** 3

**Prerequisites:**

INFO 311; Junior; B-School Major/Minor; EA School

**INFO 340: Introduction to Java**

Covers extensively the programming and object-oriented techniques of Java. It teaches object-oriented programming concepts, including classes and objects, methods, encapsulation, inheritance, and polymorphism. It details the fundamentals of the Java language and syntax, introduces students to the major class libraries in Java, and prepares them to begin development of business applications in Java. It is interspersed with step-by-step exercises illustrating the concepts as they are explained. Java applications, using J2SE are introduced in this course to provide students with a more thorough understanding of the programming process.

**Credits:** 3

**Prerequisites:**

INFO 210 (C); B-School Major/Minor; EA School

**INFO 341: Intro to JAVA Programming**

Teaches extensively the programming and object-oriented techniques of Java. It teaches object-oriented programming concepts, including classes and objects, methods, encapsulation, inheritance, and polymorphism. It details the fundamentals of the Java language and syntax, introduces students to the major class libraries in Java, and prepares them to begin development of business applications in Java. It is interspersed with step-by-step exercises illustrating the concepts as they are explained. Java applications, using J2SE are introduced in this course to provide students with a more thorough understanding of the programming process.

**Credits:** 3

**Prerequisites:**

INFO 210 (C); B-School Major/Minor; EA School

**INFO 360: Information Structures**

The course examines various data structures, data types, and the search techniques required to develop or enhance a traditional or webcentric computer based information system. Using structured languages, a repertoire of algorithms and procedures are developed to solve business applications that encompass man/machine interfaces, efficient information storage, retrieval and sorting, and system simulation. Topics include stacks, parsing, single and double link lists, static and dynamic queues, and webcentric information structures.

**Credits:** 3

**Prerequisites:**

any course in a Programming Language.

**INFO 361: Operating Systems**

The course examines the components and features of operating systems, such as the nucleus, memory and second storage management, file management, I/O devices, and user interfaces. UNIX system calls, shells, software development utilities, and the X Window System are emphasized. Operating systems concepts are simulated using the C Programming Language.

**Credits:** 3

**Prerequisites:**

INFO 360.

**INFO 365: Simulation and Information Systems**

The course features the identification of factors that influence business behaviors with the ultimate objective of building models to describe the behavior of a situation over a period of time using a computer simulation language. Probability distributions and problems relating to management are revisited to make the course more realistic and practical

**Credits:** 3

**Prerequisites:**

INFO 360 and MGMT 330.

**INFO 370: Systems Analysis & Design**

Introduces students to a systemic approach to analysis and the design of contemporary business information systems. Topics include systems development, life cycle phases and activities, systems analysis techniques, systems design techniques, and detail program design and implementation.

**Credits:** 3

**Prerequisites:**

INFO 330 (C); Junior; B-School Major/Minor; EA School

**INFO 375: Sem Cmptr-Base Mgmt Info Sys**

Prepares the student investigate and reports on special topics in information systems development.

**Credits:** 3

**Prerequisites:**

INFO 204 (C); Junior; B-School Major/Minor

**INFO 380: Decision Support and Expert Systems**

The course is an introduction to Decision Support Systems and Expert Systems with a brief overview of other Artificial Intelligence Technologies. Integrates theoretical concepts with a review of practical application cases and the current literature in the field. Student teams build Expert Systems prototypes and produce written project reports. Class presentations of projects are required.

**Credits:** 3

**Prerequisites:**

INFO 311 or junior standing and permission of the instructor.

**INFO 384: Business Analytics**

Introduces the field of statistics and business analytics. As part of this course, students will learn statistical concepts and its application in the business analytics context. Specific topics include data management, data visualization, probability and statistical inference, analysis, data modeling, and machine learning concepts and techniques. Content analysis, and the application of selected data mining techniques will be illustrated. The delivery of this course is through lectures, project work, and case studies with presentation. As part of the business analytics course curriculum, students will be trained on R, an open-source statistical software.

**Credits:** 3

**Prerequisites:**

ACCT 202; ECON 180; INFO 204; MATH 026/156 (C); Junior; B-School Major or Minor

**INFO 385: Introduction to e-Business**

Focuses on the development of an application system. Student teams will develop projects that involve all phases of systems development life-cycle. Issues such as project management, systems development methodologies and systems testing are addressed. Each student team is required to produce a research or project report that focuses on new technologies and methodologies that relate information systems development.

**Credits:** 3

**Prerequisites:**

INFO 204 (C); Junior; B-School Major/Minor

**INFO 387: Web Authoring Tools**

Exposes the student to several web authoring tools commonly used to support information delivery for eBusiness and eCommerce entities. The course focuses on the tools required for static as well as dynamic web page development by relying on standard HTML, JavaScript's, Perl Scripts and C++ for CGI-BIN client/server applications.

**Credits:** 3

**Prerequisites:**

INFO 210 (C); B-School Major/Minor

### **INFO 390: Systems Development**

This course focuses on the development of an application system. Student teams will develop projects that involve all phases of the systems development life cycle. Issues such as project management, systems development methodologies, and systems testing are addressed. Each student is required to produce a research report that focuses on new technologies and methodologies that relate to information systems development.

**Credits:** 3

**Prerequisites:**

INFO 370 or senior standing and permission of the instructor.

### **INFO 391: Intro to Info Security**

Provides a comprehensive introduction and study into a broad selection of contemporary information systems security issues, concepts and policies, including the survey of state-of-the art technology used to address security problems. Topics of study include core security mechanisms of access control and integrity, basic cryptography techniques (private and public key cryptography), assurance, authentication, digital signatures and database security mechanisms. The course discusses security policy and privacy issues for information systems protection and detection, as well as an overview of recent trends in commercial products and applications and security research in basic network security, intrusion detection. Case studies, demonstrations, hands-on exercises, and guest speakers are used to supplement classroom discussions.

**Credits:** 3

**Prerequisites:**

INFO 204 (C); B-School Major/Minor; EA School

### **INFO 393: Network/Internet Sec Mgmt**

Provides a detailed perspective on protecting computer-based information in a modern networked environment is provided in this course. A wide range of technical issues and topics including a study of network and distributed systems security; web security; network threats, vulnerabilities and risks; computer crime; encryption and virtual private networks, and current network security technologies such as firewalls and intrusion detection are covered. Look at topics from a systems viewpoint. Security services, confidentiality, authentication, integrity, access control, non-repudiation, and their integration in network protocols are covered. Topics include security architectures, multilevel systems, and security management and monitoring. A methodology for performing a risk tradeoff analysis is presented. Case studies, demonstrations, hands-on exercises, and simulations are used to enhance classroom discussions.

**Credits:** 3

**Prerequisites:**

INFO 204 (C); B-School Major/Minor

### **INFO 395: Information Assurance**

Provides a comprehensive, in depth study of the legal and ethical issues in computer security, as well as privacy laws and issues and strategies available to an enterprise is provided in this course. Federal, State and local codes and regulations and how they influence an enterprises security policy relating to information assurance program development and implementation are discussed. National security-related information assurance issues and the governments role in protecting the global information infrastructures are also discussed. Particular focus is given to the report and recommendations and implications for federal, DoD and other national agencies and organizations and their policies. Enterprise security policy development, planning and implementing possible incident responses and recovery; enterprise data security; information assurance; security risk analysis; business continuity are discussed. Case studies, demonstrations, and guest speakers are used to supplement classroom discussions. This course integrates the concepts and technology of current security products and protocols into scalable, practical working solutions for defending the enterprise.

**Credits:** 3

**Prerequisites:**

INFO 204 (C); B-School Major/Minor

**INFO 396: Project Management**

Help students to create skilled and desirable project managers, who are capable of planning, organizing and managing large tasks involving groups of people, diverse technologies, and large organizations, students will learn how to; organize, schedule and manage technology-oriented projects, use planning software such as MS Project, employ project selection and evaluation techniques, identify project cycles and phases, control and value project information, integrate decision and risk analysis and into large scale project decisions.

**Credits:** 3

**Prerequisites:**

ACCT 202; ECON 180; INFO 204; MATH 026/156 (C); B-School Major/Minor; EA School

**INFO 398: Info Sys Consulting**

Investigate the tools used by and skills necessary for information systems consultants. The course will use team-oriented project approach, followed by several executives lecture to share their experience in information systems and consulting. Actual problems/ assignments from companies would be assigned to students and they would work with them to complete projects that cover various phases of the consulting life cycle. They will evaluate the business needs and developing information systems and technology solutions

**Credits:** 3

**Prerequisites:**

INFO 370 (D) or concurrently enrolled in INFO 370; Senior; B-School Major/Minor; EA School

## ACCT - Accounting

### COURSE DESCRIPTIONS

**ACCT 100: Cooperative Program I**

Offers career-related training consistent with the student's interest.

**Credits:** 1

**ACCT 200: Cooperative Program II**

Continuation of ACCT 100, with additional responsibilities to enhance career development.

**Credits:** 1

**ACCT 201: Accounting Principles I**

Basic concepts of financial accounting theory, recording procedures, and financial statement preparation.

**Credits:** 3

**Prerequisites:**

MATH 006 (C); BSchool major/minor

**ACCT 202: Accounting Principles II**

Continuation of ACCT 201, focus on managerial decisions such as determining cost of a product, activity based costing, the budgeting process and performance measures.

**Credits:** 3

**Prerequisites:**

ACCT 201 (C); MATH 007/010 (C); BSchool major/minor

**ACCT 300: Cooperative Program III**

Continuation of ACCT 200, with additional responsibilities to enhance career development.

**Credits:** 1

**ACCT 310: Intermediate Accounting I**

Emphasizes the accounting process, reporting and disclosure requirements under Generally Accepted Accounting Principles for the preparer of financial statements.

**Credits:** 3

**Prerequisites:**

ACCT 201 (C); BSchool major/minor

**ACCT 311: Intermediate Accounting II**

Continuation of ACCT 310 with the emphasis on accounting process, reporting and disclosure requirements under Generally Accepted Accounting Principles for the preparer of financial statements.

**Credits:** 3

**Prerequisites:**

ACCT 310 (C); BSchool major/minor

**ACCT 318: Tax Principles & Procedures**

Covers the basic concepts of federal income tax determination and current reporting requirements

**Credits:** 3

**Prerequisites:**

ACCT 201 (C); BSchool major/minor

**ACCT 320: Cost Accounting I**

An intermediate level of managerial accounting, offering an in-depth study of the preparation and use of accounting information reports for management decisions.

**Credits:** 3

**Prerequisites:**

ACCT 202 (C); BSchool major/minor

**ACCT 322: Cost Accounting II**

Approaches to management decisions using sophisticated cost-based analytical techniques

**Credits:** 3

**Prerequisites:**

ACCT 320.

**ACCT 330: Advanced Accounting**

A comprehensive study of business combinations, the equity and cost methods of accounting for investments in common stock, and consolidated financial statement preparation.

**Credits:** 3

**Prerequisites:**

ACCT 311 (C); BSchool major/minor

**ACCT 340: Auditing I**

Deals with the application of GAAP and auditing standards to financial and operational auditing procedures.

**Credits:** 3

**Prerequisites:**

ACCT 310 (C); BSchool major/minor

**ACCT 341: Auditing II**

Continuation of ACCT 340. Further study and development of the conceptual framework of auditing (public, forensic, internal and governmental), including professional standards, techniques, procedures; and emphasizes the thoughtful preparation and both private and public deliberation of issues and insights that surround and confront the auditing profession.

**Credits:** 3

**Prerequisites:**

ACCT 340 (C); BSchool major/minor

**ACCT 342: Global Accounting, Control, and Audit**

Operational auditing and information integrity in the context of International Standards.

**Credits:** 3

**Prerequisites:**

ACCT 340.

**ACCT 343: Ethics, Values & Governance**

Explores the moral and ethical obligations of leadership and encourages students to think critically about the ethical situations that they are likely to encounter in their professional and personal lives.

**Credits:** 3

**Prerequisites:**

ACCT 202 (C); BSchool major/minor

**ACCT 350: Acct Info Systems**

Examines the development and use of management information systems based on accounting databases.

**Credits:** 3

**Prerequisites:**

ACCT 202 (C); INFO 204; BSchool major/minor

**ACCT 360: Not-For-Profit Acc'ting**

Involves basic fund accounting and reporting for governmental units, agencies, universities, hospitals, and nonprofit entities.

**Credits:** 3

**Prerequisites:**

ACCT 202 (C); BSchool major/minor

**ACCT 362: International Accounting**

Conceptual and practical applications of accounting are investigated from a global perspective.

**Credits:** 3

**ACCT 370: Controllership**

Study of contemporary practices in planning, organizing, and supervising the accounting and financial reporting function

**Credits:** 3

**Prerequisites:**

ACCT 310 and ACCT 311.

**ACCT 375: International Accounting**

A discussion of the financial factors faced by corporations with international operations such as complex accounting methods for foreign operations, accounting for foreign currency and inflation, international analysis of financial statements and international harmonization.

**Credits:** 3

**Prerequisites:**

ACCT 310 (C); BSchool major/minor

**ACCT 380: CPA Examination Preparation I**

Intensive study of accounting practice and theory sections of prior CPA examinations.

**Credits:** 3

**Prerequisites:**

Consent of instructor.

**ACCT 382: CPA Examination Preparation II**

Companion course to ACCT 380.

**Credits:** 3

**ACCT 385: Forensic Accounting**

Covers the principles and methodology of forensic accounting, fraud detection and deterrence. It provides a solid foundation for building skills in forensic accounting techniques, including gathering, interpreting, and documenting evidence.

**Credits:** 3

**Prerequisites:**

ACCT 202 (C); INFO 204; BSchool major/minor

**ACCT 392: Advanced Income Tax**

Study of federal income tax laws and regulations, with emphasis on partnerships, corporations, estates, and trusts.

**Credits:** 3

**Prerequisites:**

ACCT 318 (C); BSchool major/minor

## MGMT - Management

### COURSE DESCRIPTIONS

**MGMT 001: Career Counseling in Business**

Reacquaint the students with the major business disciplines and to evaluate the personal characteristics and tools required to succeed in a business environment. The course will emphasize the need for personal values, belief systems and talents to match with culture and demands of the work environment.

**Credits:** 1

**Prerequisites:**

Business Orientation II (MGMT 011) with a Minimum Grade of D; ; B-School Major/Minor

**MGMT 002: Career Counseling in Business**

Assists students in identifying career opportunities that reflect their interests and aptitudes.

**Credits:** 1

**Prerequisites:**

MGMT 001.

**MGMT 010: Business Orientation**

Emphasize ethics, personal finance, teamwork, presentation skills, entrepreneurship, and professional development through instruction by a cadre of business professionals, advisors, team leaders, administrators, and others.

**Credits:** 1

**Prerequisites:**

B-School Major/Minor

**MGMT 011: Business Orientation II**

Builds upon/extends the material covered in Business Orientation. Familiarize the students with Howard University and its requirements and to introduce them to the business discipline. The course will emphasize ethics, personal finance, teamwork, presentation skills, entrepreneurship, and professional development through instruction by a cadre of business professionals, advisors, team leaders, administrators, and others.

**Credits:** 1

**Prerequisites:**

Business Orientation I (MGMT 010) with a Minimum Grade of D; B-School Major/Minor



**MGMT 020: Fresh. Honors Seminar I**

Focuses on topics related to participation in the Honors Program.

**Credits:** 1

**Prerequisites:**

HA Special Approval; B-School Major/Minor

**MGMT 021: Fr. Honors Sem II**

Emphasizes the knowledge and skills that make up certain core competencies through assigned activities, readings, discussions, class exercises, individual, and group projects designed to enhance your development and critical thinking skills as future global business stewards.

**Credits:** 1

**Prerequisites:**

HA Special Approval; B-School Major/Minor

**MGMT 022: Soph. Honors Sem I**

Focuses on topics related to participation in the Honors Program.

**Credits:** 1

**Prerequisites:**

HA Special Approval; B-School Major/Minor

**MGMT 023: Soph. Honors Sem II**

Emphasizes the knowledge and skills that make up certain core competencies through assigned activities, readings, discussions, class exercises, individual, and group projects designed to enhance your development and critical thinking skills as future global business stewards.

**Credits:** 1

**Prerequisites:**

HA Special Approval; B-School Major/Minor

**MGMT 024: Jr. Honors Sem I**

Focuses on topics related to participation in the Honors Program.

**Credits:** 1

**Prerequisites:**

HA Special Approval; B-School Major/Minor

**MGMT 025: Jr. Honors Sem II**

Emphasizes the knowledge and skills that make up certain core competencies through assigned activities, readings, discussions, class exercises, individual, and group projects designed to enhance your development and critical thinking skills as future global business stewards.

**Credits:** 1

**Prerequisites:**

HA Special Approval; B-School Major/Minor

**MGMT 026: Sr. Honors Sem 2**

Emphasizes the knowledge and skills that make up certain core competencies through assigned activities, readings, discussions, class exercises, individual, and group projects designed to enhance your development and critical thinking skills as future global business stewards.

**Credits:** 1

**Prerequisites:**

HA Special Approval; B-School Major/Minor

**MGMT 100: Cooperative Program I**

Offers career-related training consistent with student's interest.

**Credits:** 2

**MGMT 200: Cooperative Program II**

Continuation of MGMT 100, with additional responsibilities to enhance career development.

**Credits:** 2

**MGMT 300: Cooperative Program III**

A comprehensive assignment, consistent with student's career objective.

**Credits:** 2

**MGMT 301: Management & OB**

Analyzes the principles of planning, organizing, directing, coordinating, and controlling within organizations

**Credits:** 3

**Prerequisites:**

ECON 001(D/T); ECON 002(D/T); MATH 026(C/T) or MATH 156(C/T); ACCT 201 (C/T); B-School Major/Minor

**MGMT 302: Adv. Organ Behavior**

Examines behavior in organizations and its interacting relationships.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 303: Human Resources Mgmt**

Examines the policies, theories, and practices of human resources management.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 304: Labor Management Relations**

Deals with labor management relations in different organizations.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 305: Organization Theory**

Covers the theories, structural analysis, and development of organizations.

**Credits:** 3

**Prerequisites:**

MGMT 301.

**MGMT 307: Ldrship & Spirituality in Mgmt**

Emphasizes a values-based approach that will be applied to build an understanding of the impact of culture and belief on leadership and management practice along with the challenges of leading in an increasingly diverse workplace. Students will be challenged by questions of the concept of calling in business and the role of spirituality in workplace culture, decision-making, and business ethics.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 308: Entertainment Management**

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 311: Adv Management Consulting**

Examines the diverse and dynamic global business environment and its implication on strategic business decisions. It presents a deeper exploration of management challenges and choices relating to doing business in global marketplace.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 314: Diversity & Inclusion in Org.**

Examines the impact of diversity on organizational effectiveness. Designed to help students navigate diverse settings effectively, as well as strategies for working within/leading diverse teams and global organizations. Offers students the opportunity to develop their critical thinking on topics such as identity, relationships across different bias, and equality of opportunity in organizations around the world and how they relate to organizational issues of equality of opportunity, inclusion, and effectiveness.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 316: Business Ethics**

Explores the theoretical foundations and applications of business ethics. The coursework, tools, and discussions in business ethics provide a solid ethical foundation integral to all businesses.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 331: Decision Making**

Examines the theory and application of tools, techniques, and concepts in decision-making in case situations in business

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 340: Management Development**

Deals with concepts, methods, and practices used to develop top, middle, and supervisory-management personnel in various organizations.

**Credits:** 3

**Prerequisites:**

MGMT 301.

**MGMT 350: Management of Small Business**

Focuses on the management problems and the environment of operation of small businesses.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 351: Entrepreneurship General**

Students learn how to generate business ideas; create a business plan, mission and vision; and promote and market a company. Topics include exploring factors of business success and failure, core business concepts, economic systems, competition, production, and the global economy.

**Credits:** 3

**Prerequisites:**

FINA 311(D/T) or FINA 312(D/T); MGMT 301(D/T); MATH 026(C/T) or MATH 156(C/T); MKTG 301(D/T); B-School Major/Minor

**MGMT 352: Entrepreneurship (Non-Majors and Minors)**

Students learn how to generate business ideas; create a business plan, mission and vision; and promote and market a company. Topics include exploring factors of business success and failure, core business concepts, economic systems, competition, production, and the global economy.

**Credits:** 3

**MGMT 353: Entrepreneurial Mktg**

A comprehensive overview of the intricate linkages between entrepreneurship and marketing. It explores the vital importance of the combination of the two to reach a successful and profitable business.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 355: New Venture Development**

Explores the role of the entrepreneur in starting up new businesses. Coursework includes identification of new venture opportunities and the evaluation of their feasibility.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 356: Entrepreneurial Externship**

Expose the students to the theory and practice of entrepreneurship. The course involves the students shadowing entrepreneurs and learning various facets of entrepreneurship through a hand-on approach. As such, it strongly emphasizes experiential learning.

**Credits:** 3

**Prerequisites:**

MGMT 351 (D/T) or INBU 380 (D/T); B-School Major/Minor

**MGMT 357: Contemporary Issues in Mgmt.**

Investigates ethics as a contemporary issue in business. Designed to enhance ethical sensitivity and improve decision quality.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 360: Organizational Development**

Provides students with the managerial tools and behavioral science concepts, strategies, and practices that are used in an ongoing organization to improve organizational competence, efficiency, and effectiveness.

**Credits:** 3

**Prerequisites:**

MGMT 301.

**MGMT 370: Comparative Management**

Focuses on managerial behaviors and practices and policies in cross-national environments. Provides a model for understanding individual cultural differences and the implications of such differences for organizational strategies, policies, and management behavior.

**Credits:** 3

**Prerequisites:**

MGMT 301.

**MGMT 375: Corporate Culture**

The course is designed to acquaint the student with the practical application of the skills he/she has acquired in business school. Students will become aware of both the "survival" skills necessary to maintain a viable business career and the "advancement" skills needed to accelerate recognition and promotion. In addition,, the course will provide the student with the perspective of a career businessperson: 1) the implications of politics and personalities; 2) the core competencies that must be mastered; 3) how corporate systems affect behavior; 4) the common mistakes that should be avoided; and 5) the need for personal strategies and action plans.

**Credits:** 3

**MGMT 380: Seminar in Management**

Involves selected readings, research, and presentations of selected topics in management.

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 385: Independent Study in Mgmt**

Consists of individual reading and research

**Credits:** 3

**Prerequisites:**

MGMT 301 (C/T); B-School Major/Minor

**MGMT 390: Business Policy**

Develop the strategicmanagementskills needed by managers.Buildsupon thebasicsubject matter from previous coursesin different functional areas,although Strategic Management has a significantlyseparatetheoretical core.The course coversmission and goal formulation, environmental analysis, organizational analysis, strategy formulation, and strategy implementation.

**Credits:** 3

**Prerequisites:**

MGMT 301(D/T); Senior; B-School Major/Minor

**MGMT 800: SB Study Abroad**

Study Abroad; Administrator Approval

**Credits:** 12

**Prerequisites:**

AA Administrator approval

## BLAW - Business Law

**BLAW 305: Business Law I**

Examines the procedural aspects of the legal system as well as the substantive law of torts, contracts, property, and negotiable instruments. Familiarizes students with the analytical and conceptual problem-solving techniques inherent in the legal process.

**Credits:** 3

**Prerequisites:**

MATH 026/156 (C); Junior; BSchool major/minor

**BLAW 306: Business Law II**

Continuation of BLAW 305. Reviews the Uniform Commercial Code, including sales and documents of title. Familiarizes students with the law of agency, partnerships, corporations, and other forms of business organizations.

**Credits:** 3

**Prerequisites:**

BLAW 305; BSchool major/minor

**BLAW 307: The Law and Business of Sports**

Provides students with a basic understanding of business and legal issues in the world of sports. Examines contract negotiation, client solicitation, client management, NCAA rules and regulations, litigation and arbitration, case law, and statutes regarding sports agents.

**Credits:** 3

**BLAW 355: Comparative International Law**

Provides an understanding of the legal systems in countries that play a predominate role in international business.

**Credits:** 3

## MKTG - Marketing

### COURSE DESCRIPTIONS

**MKTG 100: Cooperative Program I**

Offers career-related training consistent with student's interest.

**Credits:** 3

**Prerequisites:**

MKTG 301, graduating status, and a marketing cumulative grade point average of at least 3.0, and chair's permission.

**MKTG 200: Cooperative Program II**

Continuation of MKTG 100, with additional responsibilities to enhance career development.

**Credits:** 3

**MKTG 300: Cooperative Program III**

Comprehensive phase of assignment, consistent with student's career objectives.

**Credits:** 3

**MKTG 301: Principles of Marketing**

Introduces concepts, analyses, and activities that comprise marketing management, and provides a foundation for advanced electives in marketing as well as other business/social science disciplines. Learn how to identify customer needs, satisfy these needs with the right product and/or service, assure availability to customers through convenient distribution channels, use communication media to build awareness and motivate purchase, and choose an appropriate price to boost the firm's profitability while also maintaining customer satisfaction.

**Credits:** 3

**Prerequisites:**

ACCT 202; ECON 001; ECON 002; MATH 026/156 (c) ; B-School Major/Minor

**MKTG 304: Publication Management**

Create the Howard University School of Business magazine, The HU Bottom-line and its companion website. Learn how to understand editorial content creation, social media marketing and email marketing to gather information and content for a print and online publication.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c) ; B-School Major/Minor

**MKTG 310: Consumer Behavior**

Explore various concepts, theories, and analytical frameworks to explain and analyze consumer purchase decisions and draw practical implications for marketing strategies. Focus on the individual and environmental factors that influence consumer behavior and decision-making of individuals and organizations.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c) ; B-School Major/Minor

**MKTG 311: Principles of Marketing Honors**

Introduces concepts, analyses, and activities that comprise marketing management, and provides a foundation for advanced electives in marketing as well as other business/social science disciplines. Learn how to identify customer needs, satisfy these needs with the right product and/or service, assure availability to customers through convenient distribution channels, use communication media to build awareness and motivate purchase, and choose an appropriate price to boost the firm's profitability while also maintaining customer satisfaction.

**Credits:** 3

**Prerequisites:**

ACCT 202; ECON 001; ECON 002; MATH 026/156 (c) ; B-School Major/Minor; Honors

**MKTG 315: Marketing Research**

Recognize a marketing problem and understand how to solve it through appropriate problem definition, data collection, data analysis, dissemination of the results, and utilization of the ensuing information. Both the managerial and technical aspects of marketing research are covered. Several statistical techniques for analyzing data, using SPSS, are taught and applied in the course.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c) ; B-School Major/Minor

**MKTG 319: Sales Management**

Demystify professional selling and improve persuasion and selling effectiveness. Presents sales principals and skills required by today's professional salespeople with an emphasis on the business to business selling environment. Enhance communication skills, critical thinking, building relationships with customers, and ethical decision making.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c); B-School Major/Minor

**MKTG 320: Marketing Communications**

Introduces basic concepts used in Integrated Marketing Communications. Examine the role of marketing communication, the environment in which it operates, and the process by which the strategy for it is created. Emphasis on the development and application of promotional communication strategies utilizing advertising, personal selling, event marketing, sponsorship, and public relations.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c) ; B-School Major/Minor

**MKTG 324: Personal Selling**

Focuses on understanding and developing the oral communication skills necessary for success in the sales arena. These skills are eminently transferable to other situations including promoting yourself and your ideas within the corporate environment. Relies heavily on experiential learning, such as in-class exercises and role playing. Open to students of any major including non-business majors, with junior standing and permission of the instructor.

**Credits:** 3

**Prerequisites:**

MKTG 301.

**MKTG 328: Advertising**

Examines the role of advertising in marketing, the legal and social environment in which it operates, and the process by which it is created and managed. Utilizes cases to develop the ability to formulate advertising strategy and devises an advertising campaign, including the creation of advertisements. Topics covered include setting advertising objectives and budgets, creative strategy, media strategy, advertising effectiveness, agency-client-media relations, and advertising regulation.

**Credits:** 3

**Prerequisites:**

MKTG 301.

**MKTG 330: New-Product Development**

Examines the process by which new products are developed and introduced to markets. Utilizes cases to illustrate the steps in the new-product development process, creativity in the product-development process, idea-screening, concept testing, business analysis, prototype development, test-marketing, phased roll-outs, and commercialization.

**Credits:** 3

**Prerequisites:**

MKTG 301.

**MKTG 331: Social & Internet Marketing**

An introduction to basic concepts used in social media marketing. Examine the various types of social media applications, techniques and tools used to market to various audiences. Work on the creation and execution of digital content and social media campaigns with the opportunity to earn a certificate in social media using HubSpot marketing tools.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c); B-School Major/Minor

**MKTG 335: Film Industry Marketing**

Project-based course designed to walk students through the process marketing professionals follow when creating advertising campaigns for films. Learn about the research process, create storyboards and select stills, and ultimately pitch a marketing plan to executives.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c) Approval ; B-School Major/Minor



**MKTG 340: Pricing**

Examines the theories underlying pricing, looks at pricing practices employed in the field of marketing, and evaluates the role of pricing in a company's marketing strategy. Topics covered include demand and supply analysis, price-quality relationships, consumer perceptions of prices, typical approaches to setting prices, competitive pricing, and ethical and legal aspects of pricing.

**Credits:** 3

**Prerequisites:**

MKTG 301.

**MKTG 345: Economics of Film & Entertain.**

Examines the economics of the major entertainment enterprises: movies and television programming, music, sports, and more. In addition, explores emerging issues that are shaking up the industry, the basic facts and economic characteristics of these industries, and how the sector is impacted by macro-economic factors.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c) Approval ; B-School Major/Minor

**MKTG 350: Channels of Distribution**

Analyzes issues involved in designing, managing and evaluating a business' channel of distribution. Topics covered include the theory, structures, types and design of channels, intermediaries and their functions in a channel, and channel dynamics and their management.

**Credits:** 3

**Prerequisites:**

MKTG 301.

**MKTG 355: Retailing**

Provides an overview of the retailing industry and the key aspects involved in managing a retail operation. Topics include retail consumer behavior, trading-area analysis and retail site selection, the retail image, merchandising, and inventory planning and control, among others.

**Credits:** 3

**Prerequisites:**

MKTG 301 (C); B-School Major/Minor

**MKTG 361: Marketing Analytics**

Introduces the principles and strategic concepts related to data-driven decision making. Learn various analytics-based techniques including data mining, data visualization, sales and profit margin analysis, predictive analytics, digital marketing metrics, and e-commerce analytics, which can all inform the marketing strategy of a business. Gain first-hand experience in analytics platforms such as Tableau & Google Analytics, while earning industry-relevant certifications.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c) ; B-School Major/Minor

**MKTG 362: Marketing Analytics**

This course introduces the principles and strategic concepts related to data-driven decision making. Students learn various analytics-based techniques including data mining, data visualization, sales and profit margin analysis, predictive analytics, digital marketing metrics, and e-commerce analytics, which can all inform the marketing strategy of a business. And to develop real-world tangible skills, students gain first-hand experience in analytics platforms such as Tableau & Google Analytics, while earning industry-relevant certifications.

**Credits:** 3

**Prerequisites:**

MKTG 301.

**MKTG 370: Services Marketing**

Study marketing strategies practiced by both profit and non-profit organizations in the burgeoning service sector. Apply concepts of a service offering, service blueprint, strategies for service organizations, measurement of service quality, and the role and management of contact personnel to real-world situations, especially in developed economies.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c); B-School Major/Minor

**MKTG 375: Industrial Marketing**

Examines the marketing of goods and services to commercial enterprises, governments, and other organizations for use in the goods and services that they in turn produce or resell to their customers. Course will be taught primarily by the case-method

**Credits:** 3

**Prerequisites:**

MKTG 301.

**MKTG 380: Sports Marketing**

Develop skills necessary to address marketing issues specific to the sports industry. Analyze the field of sports in terms of the practices, applications, and strategy of mainstream marketing. The subject includes: Sponsorship, Endorsements, Licensing, Segmentation of the Sports Market, Promotional Strategy for the Marketing of Sports Products, and Emerging Issues in Sports Marketing.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c); B-School Major/Minor

**MKTG 381: Marketing for Startups**

Examines the marketing tools, frameworks, and processes that assist a startup entrepreneur in exploring the feasibility of a business idea, developing a go-to market strategy, and building a scalable business model. Practice market research techniques, minimum valuable product development, customer acquisition and adoption strategies, and suitable for starting a new venture.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c); B-School Major/Minor

**MKTG 385: Multi-Cultural Marketing**

Examines the impact of cultural and ethnic factors on consumer behavior and marketing strategies. Special emphasis is given to major ethnic groups, including their culture, demographics, psychographics, media usage, and decision making. Develop practical implications for marketing in a multi-cultural environment.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c); B-School Major/Minor

**MKTG 390: Special Topics in Marketing**

Center on how brands use culture to market products and interact with consumers. Learn how the use of stereotypes in the early 1900s to the integration of hip-hop partnerships in the 2000s creates a longstanding, complex history of African American culture being infused within marketing of major corporations. Directly apply concepts of brand management, marketing research, consumer behavior, and marketing strategy to real-world cultural and corporate experiences.

**Credits:** 3

**Prerequisites:**

MKTG 301 (c); B-School Major/Minor

**MKTG 395: Individual Study in Marketing**

Create and carry out a customized study plan to meet unique learning needs as it relates to marketing.

**Credits:** 1

**Prerequisites:**

MKTG 301 (c) Approval ; B-School Major/Minor

**MKTG 399: Marketing Planning & Strategy**

Integrate and apply marketing knowledge and quantitative skills to solve marketing problems through case studies. Special emphasis is given to analysis of opportunities and competition and the development of successful marketing strategies and plans. Senior level capstone course.

**Credits:** 3

**Prerequisites:**

MKTG 310 (c); MKTG 315 (c) Senior ; B-School Major/Minor

## HUCO - Communications

**HUCO 100: School of Communications Orientation. (Required)**

Designed to familiarize students with majors offered by the School of Communications and the various professional opportunities usually associated with these majors. Students are administered the test in oral and written language to assess their skills with an eye toward improvement, if deficiencies are found. The course also focuses on listening and study skills, and on introducing students to the various student organizations in the School.

**Credits:** 0

**HUCO 101: Principles of Speech**

Development of effective oral skills in a variety of speech situations, familiarizing students with communicative processes and their effect on human interactions.

**Credits:** 3

**HUCO 108: Communications Law**

Treats legal aspects of the media with emphasis on libel, copyright, and FCC laws in advertising and retailing.

**Credits:** 3

**HUCO 202: Communication Theory I**

Survey of historical and contemporary theories of the communication process.

**Credits:** 3

**Prerequisites:**

HUCO 101. Fall semester only.

**HUCO 203: Oral Interpretation**

Discusses theory and practice in communicating orally the meaning in literature through analysis of form and content, along with techniques of reading aloud prose, poetry, and drama.

**Credits:** 3

**Prerequisites:**

HUCO 101.

**HUCO 204: Introduction to Debate**

Theory and practice in analysis, investigation, reasoning, briefmaking, refutation, and the argumentation process.

**Credits:** 3

**Prerequisites:**

HUCO 101.

**HUCO 205: Advanced Debate: Mock Trial**

Practicum. Participatory investigation and practice in courtroom debate, with advanced strategies and techniques of persuasion.

**Credits:** 3

**Prerequisites:**

HUCO 204 or permission of instructor.

**HUCO 208: Forensics Practicum: Debate**

Students who wish to practice competitive courtroom debate may enroll in this course.

**Credits:** 1

**Prerequisites:**

HUCO 205.

**HUCO 209: Forensics Practicum: Individual Events**

Students interested in participating competitively in informative, impromptu, extemporaneous, persuasive, after-dinner speeches, as well as oral interpretation of literature may enroll in this practicum.

**Credits:** 3

**HUCO 213: Psychology of Persuasion**

Theoretical and practical study of persuasive processes emphasizing psychological techniques in personal and mass communications.

**Credits:** 3

**Prerequisites:**

HUCO 101.

**HUCO 242: Language Issues in Communication**

Examines communication dynamics in relation to language as a framer and molder of message content.

**Credits:** 3

**HUCO 307: Inter/Intrapersonal Communication**

In-depth analysis of selected theories, contemporary research review, and participatory analysis of communication behavior. Fall semester only.

**Credits:** 3

**Prerequisites:**

HUCO 101.

**HUCO 309: African American Rhetoric**

Discusses traditional and contemporary African American rhetorical styles and strategies of communication, including an experiential learning environment in the field. Spring semester only.

**Credits:** 3

**Prerequisites:**

HUCO 101.

**HUCO 319: Practicum: Human Communication Studies**

Consists of supervised practical experience in a field situation.

**Credits:** 3

**Prerequisites:**

Junior or senior standing.

**HUCO 320: Organizational Communication**

The study of organizational communication as it occurs at the structural, small group, interpersonal and written levels.

**Credits:** 3

**HUCO 401: History and Criticism of Public Address**

Survey of the development of rhetoric and rhetorical theory from 400 BC to the present. Emphasis on public address. Spring semester only.

**Credits:** 3

**Prerequisites:**

HUCO 101.

**HUCO 408: Communication Law II**

Study of research methods in legal communication.

**Credits:** 3

**HUCO 410: Negotiation and Conflict Resolution**

Legal principles and practice in settling disputes through communication.

**Credits:** 3

**HUCO 415: Intercultural/Interracial Communication**

Considers the role that culture and race play in human communication. Fall semester only.

**Credits:** 3

**HUCO 462: Effective Listening**

Assesses the student's level of listening awareness and listening efficiency, distinguishes between hearing and listening, and emphasizes improvement of listening skills through knowledge and effort. The course focuses on receiving, interpreting, evaluating and responding as essential elements in the listening process.

**Credits:** 3

**HUCO 463: Directed Study**

Selected readings directed toward contemporary concerns in speech communications.

**Credits:** 3

**Prerequisites:**

Permission of instructor and department chairman.

**HUCO 471: Advanced Public Speaking**

Designed to provide the advanced undergraduate student with specific communication principles and skill necessary for effective public speaking in a variety of speaking occasions.

**Credits:** 3

**Prerequisites:**

HUCO 101.

## JOUR - Journalism

**JOUR 100: Multimedia Technology: Interactive Writing**

Application of various software and hardware packages in the creation of Internet Web pages; discussion and methods regarding information design, the use of text, graphics, audio and video to tell a story, promote a cause or sell a product. Principles of entrepreneurship as applied to new media ventures.

**Credits:** 3

**JOUR 201: Fundamentals of Journalism**

Develops in the student a sense of news value; introduces basic news reporting techniques; develops news writing skills; familiarizes the student with journalism ethics and copy editing symbols

**Credits:** 3

**Prerequisites:**

ENGL 002 and ENGL 003 with a grade of C or higher.

**JOUR 202: Reporting and Writing**

Emphasizes actual writing and reporting under newsroom conditions; provides intensive experience in gathering and writing news under deadline pressure

**Credits:** 3

**Prerequisites:**

JOUR 201.

**JOUR 203: Introduction to Public Relations**

An overview of the principles, historical and contemporary practice of public relations in business, government, associations and other organizations; analysis of public relations programs; ethics of public relations practice and career opportunities.

**Credits:** 3

**Prerequisites:**

JOUR 201.

**JOUR 204: Introduction to Broadcast News**

An overview of the principles, historical and contemporary practice of broadcast journalism in society with emphasis on methods, terminology and techniques; writing, announcing, ethics and career opportunities.

**Credits:** 3

**Prerequisites:**

JOUR 201.

**JOUR 206: Introduction to Advertising**

An overview of the principles, historical and contemporary practice of advertising in society with emphasis on newspapers, broadcast and other media organizations; ethics and career opportunities.

**Credits:** 3

**JOUR 301: Advanced Reporting and Writing**

Deals with advanced development of reportorial skills and writing techniques, with exposure to complex issues and ideas influencing public affairs reporting.

**Credits:** 3

**Prerequisites:**

JOUR 202.

**JOUR 303: Ethics in Journalism**

Evaluation and analysis of contemporary ethical problems encountered in the mass media.

**Credits:** 3

**Prerequisites:**

JOUR 301 or 3723-311.

**JOUR 305: Special Topics in Journalism**

Topical reporting course designed to change from semester to semester. Topics to be offered include Sports Reporting (JOUR 305 section 01), International Reporting (JOUR 305 section 02), and Editorial and Commentary Writing (JOUR 305 section 03).

**Credits:** 3

**Prerequisites:**

JOUR 301.

**JOUR 306: History of Multicultural Media**

Comparison of black and white press histories-political, economic, social and cultural, emphasizing the development characteristics of the former.

**Credits:** 3

**JOUR 307: Contemporary Issues**

Examination of such major press issues as censorship, race, pornography, advertising, and confidentiality, with practice in criticism and commentary.

**Credits:** 3

**Prerequisites:**

JOUR 201.

**JOUR 308: Copy Editing**

Overall view of the editorial concept, with emphasis on the copy editor's job and editing copy manually as well as on the computer.

**Credits:** 3

**Prerequisites:**

JOUR 202.

**JOUR 309: Publication Production Techniques**

Combines theory and actual practice to demonstrate the techniques of publication production and the principles of layout and design.

**Credits:** 3

**Prerequisites:**

JOUR 202.

**JOUR 311: Broadcast Journalism I**

Emphasis on radio and television news reporting with lab and field practice in reporting techniques. Readings, writing, announcing for broadcast.

**Credits:** 3

**Prerequisites:**

JOUR 204 and RTVF 322.

**JOUR 312: Broadcast Journalism II**

Advanced television news reporting and production. Emphasis on fact-gathering, interviewing, packaging the TV news report. On-the-air reporting.

**Credits:** 3

**Prerequisites:**

JOUR 311.

**JOUR 313: NewsVision Lab**

Reporting, writing, editing and production for Howard NewsVision, the Journalism Department's laboratory broadcast news and public affairs program.

**Credits:** 3

**Prerequisites:**

JOUR 311.

**JOUR 320: Advertising Sales**

Examines the principles and techniques of advertising and advertising sales and their application to the print media.

**Credits:** 3

**Prerequisites:**

JOUR 206.

**JOUR 321: Advertising Copywriting and Design**

Treats the theory and practice of researching, writing, and designing advertising for all media.

**Credits:** 3

**Prerequisites:**

JOUR 206.

**JOUR 322: Media Planning and Buying**

An overview of the principles of planning and buying media: publications, broadcast, and direct mail and in-depth examination of the sources of pertinent advertising data necessary to the development of all advertising-related strategies and decisions.

**Credits:** 3

**Prerequisites:**

JOUR 320.

**JOUR 323: Advertising Research and Marketing**

In-depth examination of the sources of pertinent data to provide background and guidelines necessary to the development of all advertising-related strategies and decisions.

**Credits:** 3

**Prerequisites:**

JOUR 322.

**JOUR 324: Advertising Campaigns**

Develop specific advertising campaigns according to selected media criteria, i.e., newspaper, magazine, radio and television demographics. Study of the differences and similarities in each type of media that ultimately produces successful advertising campaigns.

**Credits:** 3

**Prerequisites:**

JOUR 323.

**JOUR 325: Advertising Management**

Decision theory and techniques used in planning, directing and evaluating advertising. Emphasis on media-message strategies and media systems.

**Credits:** 3

**JOUR 330: Public Relations Writing I**

Designed to develop professional level writing skills with emphasis on external communications: press releases, news conferences, spokesperson training, backgrounds, memos, query letters and public service announcements.

**Credits:** 3

**Prerequisites:**

JOUR 202.

**JOUR 331: Public Relations Writing II**

Designed to develop professional level writing skills with emphasis on publication design, employee communications, speechwriting and audio visual presentations.

**Credits:** 3

**Prerequisites:**

JOUR 330.

**JOUR 332: Advanced Public Relations**

Emphasis on understanding communication theory, the use of research in public relations, ethics and public opinion.

**Credits:** 3

**Prerequisites:**

JOUR 330.



**JOUR 333: CapComm Lab**

Emphasis on planning, developing, implementing and evaluating public relations campaigns through a departmental public relations or advertising agency.

**Credits:** 3

**Prerequisites:**

JOUR 332 or JOUR 323.

**JOUR 401: International Press Issues**

Overview of the publications, advertising and press laws as well as history, development and operation of the international press, with special attention to Africa.

**Credits:** 3

**JOUR 403: Feature Writing**

Deals with the theory and practice of feature writing for publications, including critical inspection of published examples.

**Credits:** 3

**Prerequisites:**

JOUR 301.

**JOUR 404: Supervised Internship: Advertising**

Offers field experience under the supervision of a professional in print, or broadcast, advertising or an advertising agency.

**Credits:** 1

**Prerequisites:**

JOUR 320.

**JOUR 405: Supervised Internship: Print**

Offers field experience, under a professional journalist, that requires preparation and publications or regular writing.

**Credits:** 1

**Prerequisites:**

JOUR 301.

**JOUR 406: Supervised Internship: Broadcast News**

Offers field experience, under a professional journalist, that requires preparation of newscasts at a radio or television station.

**Credits:** 1

**Prerequisites:**

JOUR 204.

**JOUR 407: Supervised Internship: Public Relations**

Actual work experience as an intern with the Public Relations Department of an organization or on a team project assigned by the instructor relating academic training to professional experience

**Credits:** 1

**Prerequisites:**

JOUR 203.

**JOUR 410: Directed Study**

Consists of advanced, individualized research with the department chairman or designee

**Credits:** 3

**Prerequisites:**

Junior or senior standing, and approval of the department's Curriculum Committee.

**JOUR 411: Newspaper Lab**

Reporting, writing, and editing for The Community News, the Journalism Department's laboratory newspaper.

**Credits:** 3

**Prerequisites:**

JOUR 301.

**JOUR 412: Newspaper Management**

An examination of the functions performed in the various departments of a newspaper (editorial, business, and production) and how these functions affect the operation of a newspaper as a business enterprise. The course introduces students to the economic and structural factors which influence media operations and practices; it also covers management problems.

**Credits:** 3

**Prerequisites:**

JOUR 202.

**JOUR 413: Advanced Copy Editing**

Concentration on the editing and display of complex news stories and other print media content with emphasis on accuracy, fairness, news judgment, content, ethical and legal considerations. Advanced practice in designing pages, using computer editing technology, copy control, scheduling and newsroom interaction.

**Credits:** 3

**Prerequisites:**

JOUR 308.

**JOUR 414: Advanced Management Seminar**

An in-depth study of the sources of newspaper revenue, economic trends in publishing; independent and group (chain) ownership; newspaper administration policies and practices.

**Credits:** 3

**Prerequisites:**

JOUR 412.

## MJFC - Media, Journalism & Film

**MJFC 100: Fundamentals of Journalism**

Learn writing rules and styles unique to journalism with a focus on Associated Press Stylebook, grammar, punctuation and mathematics for journalists. Students must pass this course to continue in the journalism program.

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 101: Intro to Mass Communications**

Provides a comprehensive understanding of mass communications and the new information age and all components therein. Explores the theories upon which all communications are based as well as the tremendous scope and complexities of the mass media. Discusses mass media emergence in present forms.

Co-requisite: MJFC 200 Intro to Media Production

**Credits:** 3

**Prerequisites:**

Co-requisite: MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 200: Intro to MediaProduction**

Develop a proficiency with video camera operation, basic lighting, basic audio, as well as audio and video editing and scriptwriting format. Video projects will be uploaded campus websites. The course includes a required internship at glasshouseradio.com. Final projects include a three-minute video and a two-minute audio project.

**Credits:** 3

**Prerequisites:**

Co-requisite: SCOM 120 Digital Media Literacy

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 201: Multimedia Storytelling**

This course is a gateway to graduation and will prepare you for almost any career by focusing on the exciting world of journalism. It introduces critical thinking, writing, multimedia reporting skills and habits needed in future journalism courses, regardless of specialization. Learn how to cover a variety of people, places, things, events and issues across platforms that included The Hilltop, HUNewsService.com, WHBC Radio, 101Magazine.net, WHUT Spotlight, TruthBeTold.news, NewsOasis.org and GlassHouseRadio.net.

**Credits:** 3

**Prerequisites:**

MJFC 100, MJFC 200. Co-req MJFC 101

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #6: Leadership and Applied Learning

### **MJFC 202: Visual Journalism**

Gather information in pictures and video and audio for presentation in multimedia journalism projects. Use a variety of open source and proprietary software to edit images and sound to create and upload packages to the Web.

**Credits:** 3

**Prerequisites:**

Prereqs: MJFC 102 Intro to Digital Journalism or MJFC 200 Intro to Media Production.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #6: Leadership and Applied Learning

### **MJFC 204: Intro to Digital Journalim**

Develop a proficiency with video camera operation, basic lighting, basic audio, as well as audio and video editing and scriptwriting format with a journalism focus. Video projects will be uploaded campus websites. The course includes a required internship at glasshouseradio.com. Final projects include a three-minute video and a two-minute audio project.

**Credits:** 3

**Prerequisites:**

Co-requisite: SCOM 120 Digital Media Literacy

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 211: Announcing and Interviewing (Podcast)**

Develop the techniques and skills for producing effective audio for broadcast. Learn to write and perform scripts for news, features, commercials and entertainment programming that can be aired on radio or the Internet. Train how to use the voice through the microphone to produce compelling audio interviews and create audio dramas. Explore radio broadcasting and production voiceover opportunities. Productions with exceptional broadcast quality may be published through the Howard University Radio Network.

**Credits:** 3

**Prerequisites:**

MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 212: INTRO TO DIGITAL AUDIO WORKSTATIONS**

Gain essential knowledge of digital audio workstations and the conversion of analog audio signals to digital data used by these systems. Learn how to utilize DAW system functions including multi-track recording and playback, editing, mixing, MIDI and signal processing. Become familiar with DAW features such as signal level metering, panning, mix automation, and plug-ins for signal processing including equalization, dynamics processing and special effects to produce broadcast-ready audio programming.

**Credits:** 3

**MJFC 220: Film and TV Production**

Theory and practice of the basic principles governing the disciplines of video and film. The primary concern of the course will be to understand photo-optics, the photochemical process and the television studio through exposing students to a variety of problem-solving exercises.

**Credits:** 3

**Prerequisites:**

SCOM 120 Digital Media Literacy, MJFC 101 Introduction to Mass Communications, MJFC 200 Introduction to Media Production.

**MJFC 221: Contemp Topics: Media Entr**

Race, gender and class are socially and culturally constructed and represented in media. As an introduction, this course examines the mass media as economic and cultural institutions that shape our social identities and are shaped by them. This is accomplished through analyses of popular mass media including film and television. Some attention will be paid to media producers and the media audience. Using the techniques of reviewing personal experience, reconstructing knowledge and conducting media assessments, this course is designed to stimulate critical thinking and thoughtful discussion.

**Credits:** 3

**Prerequisites:**

MJFC 342 Advanced TV Production OR MJFC 343 Cinematography and Senior Standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 222: Documentary Film Critique**

This course offers a general survey of the history of American documentaries and teaches students to critically examine the modes, styles, elements, processes and techniques of documentary storytelling. It explores what is documentary as well as ethical and legal considerations for the genre. It examines varieties of approaches adopted by non-fiction filmmakers engaged in producing social documentaries focused on diverse political, economic, cultural, racial, social, personal, and historical attributes and topics.

**Credits:** 3

**MJFC 223: FILM & TELEVISION PRODUCTION**

Expand on theoretical and practical knowledge of basic television and film production, form, style, and structure of the short narrative. Focus on process, from preproduction and production through post-production, with emphasis on collaboration and production value. Learn the basics of running a set and crew in various positions and produce a sync-sound short narrative.

**Credits:** 3

**Prerequisites:**

Prerequisites: MJFC 101 Intro to Mass Communications.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #6: Leadership and Applied Learning

**MJFC 225: History of Broadcast & Film**

Explore the evolution and historical development of broadcast media and film as a global phenomenon. Undertake a socio-economic study of broadcast media and film industries, as well as begin to critique and analyze these developments. There will be in-class screenings, instructor-provided readings, lectures, and student-led presentations and discussions that examine various theoretical frameworks, critical concepts and cultural perspectives that shape the aesthetic and industrial landscape.

**Credits:** 3

**Prerequisites:**

SCOM 120, Digital Media Literacy; MJFC 101 - Intro to Mass Comm; MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

ELO #7: Comprehensive Wellness Practices

**MJFC 232: WHBC Lab**

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 250: Producing for TV & Film**

This course is an introduction to the basic principles, procedures, and techniques of television production. The Television Elective course includes video control, special effects, operation of cameras and editing machines, composition, lighting, staging, and directing, on-camera announcing and interviewing.

**Credits:** 3

**Prerequisites:**

MJFC 223 Film & TV Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 300: Co-Curricular: Truth Be Told**

Using fact-checking as a methodology, learn to use crowd-sourced information and investigative reporting techniques to examine claims about the black community in public debate. Modeled on teaching hospital method of learning-by-doing this course turns the classroom into a newsroom with students, professors and professionals working to produce community-driven news and information. Learn how democracy is threatened by fake news, bots, and trolls, and how fact-checking can help counter those challenges. Develop advanced research and multimedia storytelling skills.

**Credits:** 1-3

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 301: Co-Curricular: Audio**

Develop a better understanding of the sound medium – the principles and techniques that make for successful and effective audio production. Class lectures, discussions, speaker evaluations, studio and location recordings help you to develop basic technical knowledge of the field of audio, the channels of the HU Radio network; the history and public broadcast role of WHUT-TV;

**Credits:** 1

**Prerequisites:**

none

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 302: Co-Curricular TV/Film**

Students gain supervised, hands-on experience at one of the following Howard University media outlets: WHUT-TV and the Howard University Radio Network, which includes WHUR-Radio 96.3 HD1, WHUR-World 96.3 HD2, WHBC 96.3 HD3, glasshouseradio.com, H.U.R. VOICES Sirius XM Channel 141 and HBCU Sirius XM Channel 142.

**Credits:** 1

**Prerequisites:**

MJFC 220 Media Production II.

**MJFC 303: Co-Curr. Jour.: 101 Mag. 2**

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 304: Co-Cur. Journ.: 101 Mag I**

Learn the basic skills necessary for digital magazine publishing. Learn to produce multimedia content or work on the business side for 101 Magazine. This content can include audio, video, graphics, profiles, news features, how-to articles, essays, reviews, commentary, service pieces, interactive narratives and whatever we can dream up. Also work in various areas, including multimedia reporting, editing, ad sales, producing, design, PR, podcasts, video, marketing, social media, event planning, distribution or photography.

**Credits:** 1

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 309: Co-Curricular:101 Magazine III**

Learn the basic skills necessary for digital magazine publishing. Learn to produce multimedia content or work on the business side for 101 Magazine. This content can include audio, video, graphics, profiles, news features, how-to articles, essays, reviews, commentary, service pieces, interactive narratives and whatever we can dream up. Also work in various areas, including multimedia reporting, editing, ad sales, producing, design, PR, podcasts, video, marketing, social media, event planning, distribution or photography.

**Credits:** 1

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 310: Multicultural Media History**

Learn about the important role that ethnic media plays in the United States. Learn how media owned and produced by people of color promote truth, equality and justice amid the nations history of racial discrimination. Obtain an historical, multicultural and gender sensitive overview of the development and social role of journalism and mass media in U.S. society with an emphasis on the Black media in the African-American experience and in U.S. history.

**Credits:** 3

**Prerequisites:**

MJFC 101 - Intro to Mass Comm;

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

ELO #7: Comprehensive Wellness Practices

### **MJFC 311: Interactive Editing**

Learn to master the essentials of editing across media platforms as well as develop critical thinking, research, conceptual skills. Learn the basics of search engine optimization. Course covers traditional copy editing as well as text editing for broadcast.

**Credits:** 3

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning

### **MJFC 312: Digital Design**

Learn the principles of layout, design and production of newspapers, magazines, websites and other digital media. Develop a discerning eye for good design and a competency in graphic communication through use of appropriate professional design software to create a portfolio of your best work.

**Credits:** 3

**Prerequisites:**

MJFC 311 Interactive Editing

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

### **MJFC 313: Public Affairs Reporting**

Develop the skills to report on how federal, state and local governments work, and their impact on communities. Learn to cover beats and report on public affairs issues, taking advantage of Howard University's setting in Washington, D.C.

**Credits:** 3

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning  
ELO #7: Comprehensive Wellness Practices

### **MJFC 314: Computational Journalism**

Students focus on data-driven reporting and obtaining, manipulating and analyzing electronic information for journalism projects. The class is designed for collaboration between journalism, computer science, information systems and engineering students.

**Credits:** 3

**Prerequisites:**

MJFC 201 Multimedia Storytelling or permission of the instructor.

**MJFC 315: ST: The 1619 Project**

Special Topics course. Focuses on the historical impact of the 1619 Project.

**Credits:** 3

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning  
ELO #7: Comprehensive Wellness Practices

**MJFC 316: Enterprise Reporting in Diverse Communities**

Students produce in-depth content packages with a focus on underserved communities in the Washington, D.C., area. Incorporates team teaching. The course is a prerequisite for Senior Capstone: Undergraduate Thesis courses.

**Credits:** 3

**Prerequisites:**

MJFC 201 Multimedia Storytelling.

**MJFC 317: Broadcast News Production**

Learn to be a producer the decision maker behind newscasts. The producer coordinates all of the elements (story meetings, video, scripts) to get his/her product on the air and meet deadline. This includes managing other students while working with constructive criticism from instructors. Evaluations conducted on news judgment, creativity, quality of product, management abilities and professionalism.

**Credits:** 3

**Prerequisites:**

Prereqs: MJFC 313 Public Affairs Reporting.

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 318: Media Programming**

Survey of radio and television programs and on-the-air presentations, using advanced techniques in psychological and sociological principles of programming.

**Credits:** 3

**Prerequisites:**

MJFC 310 Multicultural Media History.

**MJFC 319: Broadcast Journalism**

Get an introduction to the skills needed to be an effective broadcast journalist to work in multimedia platforms.

**Credits:** 3

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning  
ELO #7: Comprehensive Wellness Practices



### **MJFC 321: Adv. Multimedia Storytelling**

Build on skills acquired in Multimedia Storytelling and other journalism classes through various media. Gain a firm grasp of the technologies and skills needed to work online and in broadcast news environments. Expand your understanding of the best ways to tell stories using a variety of media.

**Credits:** 3

**Prerequisites:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 330: Multimedia Audio Production**

Learn basic knowledge of radio/audio storytelling and production techniques via practical experience for broadcast and Internet. Work on projects designed to develop skills in audio writing, recording, editing, mixing and mastering techniques using digital audio software. Focus on the science of sound and the history and business of radio. Exceptional productions of high quality published through the Howard University Radio Network.

**Credits:** 3

**Prerequisites:**

MJFC 200 Intro to Media Production, MJFC 211 Podcasting (Announcing and Interviewing) for audio students.

MJFC 102 Intro to Digital Journalism, MJFC 201 Multimedia Storytelling for journalism students

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

### **MJFC 331: Audio for TV & Film**

Focus on techniques of recording sound for film and television and the post-production processes necessary to create the soundtrack. Use microphones, separate digital audio recorders, and digital audio software to capture sound on location and in the studio. Work in teams to produce creative projects to develop audio production skills along with an understanding of audio responsibilities for visual media and to familiarize themselves with the legal and ethical issues facing the industry.

**Credits:** 3

**Prerequisites:**

MJFC 220 Media Production II for Film/TV students; MJFC 330 for Audio Production students

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **MJFC 332: Contemp. Topics: Music Media**

Learn about composition and direction of music to support contemporary storytelling in television, film, podcasting, news media and gaming. Discover and practice scoring, soundtracking, music supervision, licensing and placement. Use the digital audio workstation (DAW) of choice to develop sonic brand identities for established businesses, develop compositions for films, as well as produce music for media programs and packages.

**Credits:** 3

**Prerequisites:**

MJFC 2XX Intro to DAWs and MJFC 211 Podcasting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 334: MICROPHONE TECHNIQUES AND ACOUSTICS**

Train in sound sensitization, acoustic theory, and microphone techniques to plan and perform excellent sound capture for a wide range of audio programming deliverables. Execute professional sound recording processes including location scouting, boom mic and lavalier microphone (wireless and micro-recorders) voice capture, studio voiceover, Foley, ADR, and mono/stereo/binaural/ 360 capture to produce original audio content. Experience using digital handheld recorders and DAW technology to prepare students for subsequent course instruction in audio technology and production.

**Credits:** 3

**Prerequisites:**

Prerequisites: MJFC 200 Introduction to Media Production.

### **MJFC 336: MJFC 336 - DAW EDITING AND MIXING**

Refine and apply critical listening, noise removal, equalization, dynamic processing, panning, reverb and delay, and automation techniques. Gain essential skills needed to execute precise audio editing and develop high-fidelity stereo sound mixes for various media platforms, ensuring their work translates to headphones, domestic sound systems (smart speakers, sound bars, etc.) and movie theater speaker systems. Culminates in the completion of a public-facing sound mix.

**Credits:** 3

**Prerequisites:**

Prerequisites: MJFC 334 Microphone Techniques

### **MJFC 340: Scriptwriting**

This course serves as an introduction to the fundamentals of film, radio and television scriptwriting. The course will focus on character development, story outlines, treatments and narrative script formats for the web, film, television and radio as well as commercials for radio and television. Students will finish the course with a short film script, webisode or 30 pages of a television pilot.

**Credits:** 3

**Prerequisites:**

MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions

ELO #6: Leadership and Applied Learning

### **MJFC 341: Editing for Film and TV**

Editing theory and history; advanced proficiency in Final Cut Pro; post-production, from assembly to final mix.

**Credits:** 3

**Prerequisites:**

MJFC 220 Media Production II.

### **MJFC 342: Videography**

An intermediate course in video, studio and field production, operations and techniques, editing and mixing.

**Credits:** 3

**Prerequisites:**

MJFC 220 Media Production II.

### **MJFC 343: Cinematography I**

This intense introduction to cinematography touches upon the basics of all facets of filmmaking such as exposure, optics, framing, coverage, lighting, color, etc. Learn to break down a film to its essential visual components. Learn the various functions of the cinematographers on-set role, positions and responsibilities. Master the basic technology and instrumentation of cinematography.

**Credits:** 3

**Prerequisites:**

MJFC 223 Film & TV Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 344: TV Directing**

An intermediate course in video, studio and field production, operations and techniques, editing and mixing.

**Credits:** 3

**Prerequisites:**

MJFC 342 Videography.

### **MJFC 345: Directing for Film and TV**

Students produce short narrative or documentary film projects to strengthen knowledge of the production process and practices in the chosen genre. Each student is responsible for breaking down the physical elements into playable steps with actors or producible steps for documentary film work. Class projects must demonstrate application of theoretical and artistic principles, unified into an organized system of visual and aural expressions.

**Credits:** 3

**Prerequisites:**

MJFC 343 Cinematography.

### **MJFC 346: Film Analysis**

This course is designed to introduce students to the fundamental elements of video and filmmaking, and to analyze how those elements are used together to create meaning.

**Credits:** 3

### **MJFC 347: Producing for Film & TV**

Introduction to the nuts and bolts of physical production, line producing, budgeting, scheduling, and a producers breakdown of a script. Learn the logistics of hiring cast and crew, securing locations, equipment, insurance, etc. Focuses on securing a property, through getting it green-lit, to the marketing and distribution aspects of the producers job. Prerequisite: MJFC 223 Film and TV Production

**Credits:** 3

**Prerequisites:**

MJFC 223 Film & TV Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 349: Directing for Film & Televisio**

Examine the role of the film director: establish a vocabulary, sharpen analytical skills, fine-tune visual sense, and above all - work with actors. Focus on four facets: visual design; script analysis; working with actors; collaboration with crew and team. Direct a short narrative or hybrid film with an emphasis on collaboration and aesthetic/production value. It is mandatory to crew for other projects (1st AD, Script Supervisor).

**Credits:** 3

**Prerequisites:**

MJFC 225 History of Film & TV; MJFC 342 Adv. TV Production OR MJFC 343 Cinematography; MJFC 350 Film & TV Editing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 350: FILM & TV EDITING (3 Credit Hrs.)**

Introduction to the art of editing using the digital software Adobe Premiere Pro, while learning the history, terminology, and aesthetic principles of post-production. The hands-on projects and labs elucidate the importance of the frame, and allow the practical application of importing, organizing, cutting, audio mixing, and exporting. Projects include narrative, documentary, and experimental editing. Present your work in class and critique each others work.

**Credits:** 3

**Prerequisites:**

MJFC 223 Film & TV Production (Audio students exempt from taking MJFC 223). Co-requisite: MJFC 342 Adv. TV Production OR MJFC 343 Cinematography

**MJFC 351: Film Analysis**

Introduces the basic building blocks of cinema – genre, narrative structure, film form, style, and aesthetics. Explores elements that include – cinematographer, editing, sound design, mise-en-scène, acting, themes, motifs, and point of view. Students examine the synthesis of all the elements working towards a single piece of visual work. Students undertake critical research on the production, distribution, and marketing of films within the context of culture, politics, and economies. Prerequisite: MJFC 200 Intro to Media Production

**Credits:** 3

**Prerequisites:**

MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 400: Magazine Writing**

Students learn the theory and practice of writing long-form journalism, short gazette items and interactive narratives for digital and print magazines. Coursework includes regular critiques of published examples by student and professional journalists. Students also serve as reporter/producers for 101 Magazine ([www.101magazine.net](http://www.101magazine.net)).

**Credits:** 3

**Prerequisites:**

MJFC 316 Enterprise Reporting in Diverse Communities or permission of the instructor.

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 401: Media Management**

An examination of the functions performed in various departments of news media companies—broadcast, digital, print and combinations of the three—and how these functions affect the operation of a business enterprise. The course introduces students to the economic and structural factors that influence media operations and practices. It also covers management problems.

**Credits:** 3

**Prerequisites:**

MJFC 316 Enterprise Reporting in Diverse Communities.

**MJFC 402: Magazine Publishing**

The interdisciplinary course exposes students to the practice and theory in publishing a magazine across platforms. Students learn about the interactions between newsroom and business departments by studying established companies as well as serving in various roles for 101 Magazine, including business development, strategic planning, editorial and interactive content, design, advertising, circulation, production and public relations.

**Credits:** 3

**Prerequisites:**

MJFC 316 Enterprise Reporting in Diverse Communities or permission of the instructor.

**MJFC 410: Audio Engineering**

Explore the theoretical fundamentals of acoustics, electronics, synthesis, sound design in and for music production and digital audio recordings. Along with building vital academic proficiency, students acquire a strong foundation in the use of a digital audio workstation in a music production setting. Students will begin to develop and apply practical skills relating to studio construction, microphones, microphone placement, mixing consoles, recording and signal processors. Audio engineering involves an introduction to software-based recording systems with an emphasis on editing, arranging and mixing.

**Credits:** 3

**Prerequisites:**

MJFC 330 Multimedia Audio Production, Senior standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 412: IMMERSIVE SOUND DESIGN & MIXING**

Learn how immersive audio reflects the way humans perceive sound in real life. Become aware of human perception of sound spatialization. Develop multidimensional binaural audio mixes, listening experiences which accurately depict real-world spatial perception. Leverage accessible hardware and software to place the audience within rich immersive soundscapes, ensure mixes translate between monitoring systems, meet platform delivery expectations, overcome known barriers to access, and understand the immersive audio landscape.

**Credits:** 2

**Prerequisites:**

MJFC 336 DAW Editing & Mixing and MJFC 410 Audio Engineering

**MJFC 415: Directed Study**

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 419: ADVANCED EDITING**

Examine advanced aesthetic, theoretical, and practical concepts of Film and TV editing. Master the post-production phase of film and television production through hands-on experience. Understand the language of film editing, and discover how to construct narratives properly using Avid Media Composer. Sharpen your editing practices and creativity.

**Credits:** 3

**Prerequisites:**

MJFC 350 Film & TV Editing

**MJFC 420: Documentary Film**

Engage in the actual conceptualization, planning, development, and production of a short documentary. Pursue social issue topics of interest to them. Conducted as a workshop, seminar with mentoring sessions on concept development, research, production, and post-production. This production-intensive course carries the student through the rigors of documentary production based on sound research culminating in a finished documentary suitable for Television or Film.

**Credits:** 3

**Prerequisites:**

MJFC 223 Film & TV Production OR MJFC 201 Multimedia Storytelling OR MJFC 330 Multimedia Audio Prod

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 421: Blacks in Film**

A survey of the history of the image of African Americans in film. Students will analyze the impact that these stereotypes have on society and on Blacks' self-concept. The course will also examine the ways in which the images of Black people have changed (or been perpetuated) when rendered by African American filmmakers. Spring only.

**Credits:** 3

**MJFC 422: Film and Social Change**

Examine the history of postcolonial Third Cinema movements in Latin America, the Caribbean, Africa, South Asia, the Middle East, and diaspora communities in the U.S. and U.K. Viewed through the lens of Frantz Fanon's argument on the 'native poet' and national culture in *The Wretched of the Earth*. Conduct critical research on race, gender, class, and national identity and explore the notion of active spectatorship regarding film as a catalyst for social activism and social change.

**Credits:** 3

**Prerequisites:**

MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 423: Advanced Scriptwriting**

Workshop a first draft of either a feature-length script or a pilot script for episodic television. Refresh and improve upon formatting procedures. Complete weekly writing assignments so as to develop a process for working on character, structure, dialogue, and dramatic action. Study successfully produced screenplays and TV pilot scripts for comparative analysis and inspiration.

**Credits:** 3

**Prerequisites:**

Prerequisite: MJFC 340 Scriptwriting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 424: THESIS: DEVELOPMENT AND PREPRODUCTION**

Mandatory for Thesis Production (MJFC 468). Develop a short film script to be produced in the subsequent Thesis Production class. Requirement: A locked script, a preliminary budget, and schedule, and a gofundme page for the film. Students must also submit a production packet and undergo a Boot Camp to shoot a scene from the locked script.

**Credits:** 2

**Prerequisites:**

MJFC 349 Directing for Film & TV. Co-requisite: MJFC 347 Producing for TV and Film

**MJFC 427: AFRICAN AMERICANS IN FILM & TV**

Develop a critical foundation for understanding the cultural, political and economic histories of racialized and gendered stereotyping of African Americans in film, television and popular culture. The central focus is on the history of African American productions, beginning with the race movies onto mainstream Black film movements, African American representations in television in a changing American society, and the economic impact of African American produced television and minority ownership of entertainment cable networks.

**Credits:** 3

**Prerequisites:**

MJFC 200 Intro to Media Production and Sophomore Standing

**MJFC 428: CREATIVE WRITING NON-FICTION**

Explore non-fiction storytelling across multiple genres to help find your individual style and creative voice. Discuss the history, theories, and movements that have shaped non-fiction writing, and literary works with the goal of being able to locate each student's work within an artistic, historical, and cultural context.

**Credits:** 3

**Prerequisites:**

MJFC 340 Scriptwriting

**MJFC 429: ADVANCED CINEMATOGRAPHY: LIGHTING FUNDAMENTALS**

Expanding on the learnings of Cinematography course, examine and learn advanced lighting techniques, grip strategies, understand power distribution. Discuss the theory of light and explore the psychological impact of light in cinematography. Take a deep dive into color reproduction and its manipulation in post-production color grading process.

**Credits:** 3

**Prerequisites:**

Prerequisite: MJFC 343 Cinematography

**MJFC 430: Directed Study: Journalism**

Engage in independent research or study, designed to help pursue interests outside formal courses.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 430-435: Directed Studies: Journalism**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Prerequisites:**

junior or senior standing and faculty/department permission.

**MJFC 431: Directed Studies: Journalism**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 436-440: Directed Studies: Audio**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Prerequisites:**

junior or senior standing and faculty/department permission.

**MJFC 438: Film & TV Practicum**

Facilitates the students transition from college to the entertainment industry. Focus of the class will be skills training in topics related to the identification and acceptance of employment opportunities, career development and techniques for upward mobility within the field of film and television production. Students obtain a supervised internship in a professional setting and work for a total of 120 hours for the Fall or Spring semester. Summer internships (60 hours) must be pre-approved by instructor.

**Credits:** 1

**Prerequisites:**

MJFC 342 Advanced TV Production OR MJFC 343 Cinematography and Senior Standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 441: Directed Study: Film Directing**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 441-455: Directed Studies: TV and Film**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Prerequisites:**

junior or senior standing and faculty/department permission.

**MJFC 442: Directed Study: TV & Film**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 443: Howard Enter: Physical Produc.**

This course serves as an introduction to the fundamentals of physical production. We will delve into nuts and bolts of line producing from prep to post, a basic understanding of the industry standard budgeting and scheduling software, a producers break down of a script, the logistics of hiring people, securing locations, and equipment. We will also investigate the producers process from finding a property, through getting it green-lit, to the marketing and distribution aspects of the producers job.

**Credits:** 3

**Prerequisites:**

MJFC 342 Advanced TV Production OR MJFC 343 Cinematography and Senior Standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 444: DS: Directing for Episodic TV**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 445: DS: Intro to Media Prod.& Mgmt.**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 446: HE: Unscript. Series Production**

This course serves as an introduction to the basic principles, procedures, and techniques of unscripted series production. Emphasis will be placed on the structure of nonfiction storytelling and its creative considerations. Students will explore topics in representation, authenticity, and audience reception. Through research, class discussions, and guest lectures with creative executives, students will learn how to create a series pitch deck and 2-5 minute sizzle reel.

**Credits:** 3

**Prerequisites:**

MJFC 342 Advanced TV Production OR MJFC 343 Cinematography and Senior Standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 449: Directed Study: Scriptwriting**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 450: Howard Entertainment: Capstone**

This course is designed to facilitate the Howard Entertainment capstone project, resulting in the culmination of your work in the program. The capstone will provide students with an interdisciplinary experience that will promote the programs mission to cultivate the next generation of studio executives. The goal of the course is to emulate (as close as possible) a real-world experience of bringing a project to life as a show team for an independent production company and present it to a team of investors (judges).

**Credits:** 3

**Prerequisites:**

MJFC 424/425 Thesis: Development and Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning



**MJFC 456: Practicum - Journalism**

Continued ongoing work within a chosen area of journalism involving placement in a professional setting in a supervised internship.

**Credits:** 1

**Prerequisites:**

MJFC 330 Multimedia Audio Production, senior standing.

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 457: Audio Practicum**

Continue ongoing work within chosen area of audio production involving placement in a professional setting in a supervised internship.

**Credits:** 1

**Prerequisites:**

MJFC 330 Multimedia Audio Production, Senior standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 458: Practicum Internship: TV/Film**

Make the transition from college to the entertainment industry. Focus on skills training in topics related to the identification and acceptance of employment opportunities, career development and techniques within the field of film and television production. Obtain a supervised internship in a professional setting and work for 120 hours in the Fall or Spring semester. Summer internships must be pre-approved by instructor.

**Credits:** 1

**Prerequisites:**

MJFC 342 Advanced TV Production OR MJFC 343 Cinematography and Senior Standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 459: FTV Practicum**

Continued ongoing work within the student's chosen film area involving placement in a professional setting in a supervised internship.

**Credits:** 1

**Prerequisites:**

MJFC 345 Film Directing, senior standing.

**MJFC 460: Capstone: News Vision**

This intensive Capstone course required of all journalism majors that incorporates enterprise reporting in diverse communities for broadcast, print and/or online platforms. Those interested in television will also work for NewsVision on WHUT-TV. For print/online, take NewsLab.

**Credits:** 3

**Prerequisites:**

MJFC 313 Public Affairs Reporting.

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 461: Undergraduate Thesis: Journalism II (Senior Capstone)**

A more intensive Capstone course that substitutes for MJFC 460 and one, three-credit MFJC elective with department/faculty permission.

**Credits:** 6

**Prerequisites:**

special permission and MJFC 316 Enterprise Reporting in Diverse Communities.

**MJFC 462: Advanced Audio Production**

Study production methods with an emphasis on studio training in producing multimedia and complete radio programs. Learn advanced mixing and mastering techniques while creating projects with experimental audio. Apply in-depth study and application of effects processing, dynamics processing, analogue routing and mixing, and mastering are studied. Write analysis and commentary. Produce an audio electronic portfolio that contains completed productions including audio for film, radio (commercial and non-commercial) and multimedia audio for the web (podcasts, SoundSlides).

**Credits:** 3

**Prerequisites:**

Senior standing, MJFC 330 Media Audio Production and MJFC 340 Scriptwriting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 463: Undergraduate Thesis: Advanced Audio Production II**

A more intensive Capstone course that substitutes for MJFC 462 and one, three-credit MJFC elective.

**Credits:** 6

**Prerequisites:**

special permission, senior standing, MJFC 330 Multimedia Audio Production, MJFC 340 Scriptwriting, MJFC 457 Audio Practicum.

**MJFC 464: Advanced TV Production**

MJFC 342 – ADVANCED TV PRODUCTION (3 Credit Hrs.) Gain an understanding of the principles of multi-camera production, on- location, and in-studio environments. Delve into the language and procedures of TV directing, and control room protocols. Experience directing talent and crew, through working with actors and on-air talent and perform the operation of cameras, switchers, and related equipment.

**Credits:** 2

**Prerequisites:**

Prerequisite: MJFC 223 Film & TV Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 465: Undergraduate Thesis: Advanced TV Production II**

A more intensive Capstone course that substitutes for MJFC 465 and one, three-credit MJFC elective.

**Credits:** 5

**Prerequisites:**

MJFC 344 TV Directing.

**MJFC 466: Film/TV Thesis: Production**

The focus of this course is to engage students with the technical as well as creative process of directing for film. On a very advanced level, students will learn how to interpret a classic literary drama by further translating such manuscripts into the medium of motion pictures.

**Credits:** 2

**Prerequisites:**

MJFC 424/425 Thesis: Development and Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 467: Undergraduate Thesis: Advanced Film Directing II**

The focus of this course is to engage students with the technical as well as creative process of directing for film. On a very advanced level, students will learn how to interpret a classic literary drama by further translating such manuscripts into the medium of motion pictures.

**Credits:** 5

**Prerequisites:**

special permission and MJFC 345 Film Directing.

**MJFC 468: Film/TV THESIS: PRODUCTION**

The culmination of students efforts as a filmmaker, in the form of a short narrative film with associated promotion and advertising deliverables. Engage in process of development, pre-production, production & post-production depending on concentration: Directors and producers are required to complete one project; editors and cinematographers are required to partake in two projects. Collaboration is a key component in grading.

**Credits:** 2

**MJFC 469: Film/TV THESIS: SCREENWRITING FEATURE FILM/TV EPISODIC**

Write a feature-length screenplay or a pilot (one-hour drama or half-hour comedy). Explore the next level of crafting a screenplay that works for its genre and format. Develop support materials such as outline, breakdown, beat sheet, loglines, synopsis, and show bible. Learn the art of pitching and producing a viable pitch deck. Critique classmates work.

**Credits:** 2

**Prerequisites:**

Prerequisite: MJFC 349 Directing for Film and TV; MJFC 423 Advanced Screenwriting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

## COSD - Communication Sciences & Disorders

**COSD 101: Orientation**

**Credits:** 1

**COSD 241: Language Development**

Provides a survey of the nature of language and language varieties in a multicultural environment. (Fall)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**COSD 261: Phonetics**

Teaches use of the International Phonetic Alphabet (IPA) for transcription of normal and disordered speech, with emphasis on English sounds. (Spring)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**COSD 262: Speech & Hearing Science**

Treats acoustic phonetics and the relation of acoustics to articulatory descriptions of sounds. This also serves as an introduction to psychophysics. (Fall)

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**COSD 263: Anatomy & Physiology**

Examines the skeletal, muscular and neurological systems involved in the processes of respiration, phonation, articulation, resonance and audition. (Fall)

**Credits:** 4

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**COSD 361: Intro to Artic & Lang Dis**

Provides a discussion of articulation and language, their diagnosis and overview of treatment approaches. (Spring)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**COSD 362: Intro to Fluency & Voice**

Offers an introduction of disorders of voice and stuttering, with an overview of diagnosis and therapeutic management. (Fall)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**COSD 367: Bases of Audiology-Online**

Examines the descriptive anatomy and physiology of hearing along with an overview of testing habilitative and rehabilitative methodologies for use with hearing pathologies. (Fall)

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**COSD 371: Intro to Clinical Science**

Serves as an introduction to clinical procedures, including assessment and treatment, ethics, and other professional issues. (Spring)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #6: Leadership and Applied Learning

**COSD 463: Directed Study**

Provides selected readings directed toward contemporary concerns in Speech Communications.

**Credits:** 1-3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**COSD 464: Clinical Practicum II**

Offers seminar discussions of disorders and treatment. Students participate in language, speech and hearing screenings, clinical apprenticeships as well as additional clinical observations as needed. (Spring)

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**COSD 465: Clinical Practicum I**

Offers seminar discussions of disorders and treatment. It is designed to provide students with supervised observations of clinical practice. (Fall)

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**COSD 467: Tests and Measurements**

Examines screening and diagnosis tools used in assessing communication disorders, with emphasis on nonmainstream populations. (Spring)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #3: Knowledge of the Physical and Natural World

**COSD 469: Teaching Methods**

Presents clinical methodologies of speech and language problems with emphasis on public schools. (Spring)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**COSD 481: Communication Servs & the Law**

Examines public laws affecting delivery of services to speech-impaired individuals, discussing ethical and educational services. (Fall)

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

## RTVF - Radio, TV, & Film

**RTVF 101: Orientation****RTVF 111: Introduction to Mass Communication**

Explores the world of mass communication in its entirety and all critical efforts that affect this area.

**Credits:** 3

**RTVF 211: Communications Research**

Designed to introduce students to the theories and methodologies of research in the field of communications. Emphasis will be placed on developing research models, planning and managing investigations and surveys, as well as on the impact of the research on society.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**RTVF 213: History of Broadcasting and Film**

The political, social and economic history of broadcasting and film in the United States. Emphasis placed on technological, institutional and programmatic development, and their mutual influence.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**RTVF 215: Communications Policy**

A survey of the new communications technology and systems, focusing on their effect on the formulation of communications policy. Emphasis placed on information reproduction, retrieval, storage and distribution.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**RTVF 231: Introduction to Media Production**

Designed to give students a technical and operational foundation in radio, video and film. Requires that each student produce a short project in each medium with projects governed by the aesthetic principles of that medium.

**Credits:** 3

**Prerequisites:**

Sophomore standing.

**RTVF 232: Basic Television and Film Production**

Theory and practice of the basic principles governing the disciplines of video and film. The primary concern of the course will be to understand photo-optics, the photo-chemical process and the television studio through exposing students to a variety of problem-solving exercises.

**Credits:** 3

**Prerequisites:**

RTVF 231.

**RTVF 312: Ctp Tps:Advertising & Sales II**

Discussion of the problems of mass media and society based on readings on the subject.

**Credits:** 3

**Prerequisites:**

RTVF 111.

**RTVF 322: Radio Production**

Lecture-laboratory course in writing, research, and persuasive communication techniques in radio production.

**Credits:** 3

**Prerequisites:**

RTVF 231.

**RTVF 324: Broadcast Performance**

Laboratory course dealing with the basic principles of broadcast announcing and interviewing.

**Credits:** 3

**Prerequisites:**

RTVF 231.

**RTVF 326: Videography**

An intermediate course in video, studio and field production,, operations and techniques, editing and mixing.

**Credits:** 3

**Prerequisites:**

RTVF 231.

**RTVF 331: TV Directing & Lab**

Advanced television production course focusing on the role of the television director in a variety of productions.

**Credits:** 3

**Prerequisites:**

RTVF 326.

**RTVF 334: Scriptwriting**

Introduction to the fundamentals of film, radio, and television script writing.

**Credits:** 3

**Prerequisites:**

RTVF 231.

**RTVF 335: Afro-Americans in Music Industry**

A critical survey of the use and misuse of Afro-American music (blues, jazz, gospel, contemporary) by the commercial recording industry in the U.S.

**Credits:** 3

**RTVF 337: Television Documentary**

Theory and practice in planning and executing public affairs, informational, and cultural documentary programs.

**Credits:** 3

**RTVF 338: TV Tech Operations**

Students learn the different skills necessary to operate the technical areas of a television station. Classes are taught in WHUT-TV, the University-owned television station.

**Credits:** 3

**RTVF 342: Cinematography I**

Study of the basic principles governing the discipline of cinematography and the development of technical skills. Fall only.

**Credits:** 3

**Prerequisites:**

RTVF 232.

**RTVF 345: Film and Social Change**

Treats the alternative cinema of the Third World, with a view towards film as a reflection of ideological superstructures. Fall semester only.

**Credits:** 3

**Prerequisites:**

RTVF 232.

**RTVF 346: Blacks in Film**

Historical survey and critical social analysis of black films and blacks in film. Spring semester only.

**Credits:** 3

**RTVF 351: Telecomm Ownership & Finance**

Treats the principles of marketing and development of buying habits among purchasers through the mass media.

**Credits:** 3

**Prerequisites:**

RTVF 213.

**RTVF 352: Telecomm Advertising & Sales**

Introduction to the theories and practices of sales and advertising departments of radio and television stations.

**Credits:** 3

**Prerequisites:**

RTVF 213.

**RTVF 353: Media Programming**

Survey of radio and television programs and on-the-air presentations, using advanced techniques in psychological and sociological principles of programming.

**Credits:** 3

**Prerequisites:**

RTVF 213.

**RTVF 354: WHBC/WHUR Lab**

Organized broadcast activity designed to expose students to all aspects of broadcasting. Students operate independently in all job positions.

**Credits:** 0

**RTVF 366: African-Americans in the Mass Media**

Provides a historical and critical analysis linking the changing images of African Americans in the media to concurrent social, economic, cultural and political trends.

**Credits:** 3

**RTVF 368: Afro Americans in Broadcasting**

**Credits:** 3

**RTVF 412: DS: Multitrack Music Prod**

**Credits:** 3

**RTVF 414: DS:Audio for TV & Film**

**Credits:** 3

**RTVF 419: DS: Film/TV**

Independent research or study, designed to help students pursue interests not served in formal courses.

**Credits:** 3

**Prerequisites:**

Junior or senior standing.

**RTVF 423: Advanced Radio Production**

Project course focusing on documentary and dramatic solutions to problems in education and public affairs programming.

**Credits:** 3

**Prerequisites:**

RTVF 322.

**RTVF 424: International Telecommunications**

Comparative study of international communications systems, program policy, economics, organization, and control, with emphasis on Third World broadcasting. Spring semester only.

**Credits:** 3

**Prerequisites:**

Junior or senior standing.

**RTVF 431: Advanced Television Production**

Independent study of advanced production techniques and principles, during which student produces a major video product or studio production.

**Credits:** 3

**Prerequisites:**

RTVF 331.

**RTVF 432: TV Practicum**

Continued ongoing work within the student's chosen TV area, generally involving placement in a professional setting.

**Credits:** 1

**Prerequisites:**

RTVF 326 and minimum 3.0 GPA in all major courses.

**RTVF 433: Audio Practicum**

Continued ongoing work within the student's chosen audio area, generally involving placement in a professional setting.

**Credits:** 1

**Prerequisites:**

Senior standing and minimum 3.0 GPA in all major courses.

**RTVF 434: Film Practicum**

Continued ongoing work within the student's chosen film area, generally involving placement in a professional setting.

**Credits:** 1

**Prerequisites:**

Senior standing and minimum 3.0 GPA in all major courses.



**RTVF 435: Management Practicum**

Continued ongoing work within the student's chosen management/policy area, generally involving placement in a professional setting.

**Credits:** 1

**Prerequisites:**

Senior standing and minimum 3.0 GPA in all major courses.

**RTVF 441: Documentary Film**

Surveys history of the documentary film, concentrating on the documentary as a film with a purpose.

**Credits:** 3

**Prerequisites:**

RTVF 342.

**RTVF 443: Film Directing**

Teaches the principles of directing: methods and techniques, styles and interpretation of role acting, and stage blocking. Fall semester only.

**Credits:** 3

**Prerequisites:**

RTVF 342.

**RTVF 451: Broadcast Management**

Functions of various radio and television stations in relation to the community and market.

**Credits:** 3

**Prerequisites:**

RTVF 215.

**RTVF 498: DS: Bryon Days**

**Credits:** 3

## SLMC - Strategic, Legal & Management Communication

### COURSE DESCRIPTIONS

**SCOM 102: Intro: Comm. Prof. Dev.**

This course is an introduction to the Communication profession and topics of significance to the field of Communications.

**Credits:** 1

**SCOM 120: Digital Media Literacy**

The primary goal of this class is to help students develop and critically examine the cultural competencies, technologies and social skills necessary for the new media landscape of the 21st century.

**Credits:** 3

**SCOM 130: Ethical Issues in Communication**

This course provides a foundation for ethical decision making in human communication including mass media.

**Credits:** 3

**SLMC 100: Fundamentals of Public Relations**

**Credits:** 1

**SLMC 101: Principles of Speech**

This course is designed to develop skills that will strengthen effective communication within a variety of contexts including, but not limited to, academic and organizational settings, with business and professional associates, and with family and friends. It is a performance course that is based on the study of communication theory as applied to a numerous public speaking situations and social interactions. The overall goals of this course are to improve the student's ability to speak before an audience, to listen to and analyze speeches, to interact more effectively interpersonally with others and to increase awareness of the role of communication in our complex society. Although natural ability is an asset, every student's capabilities in speech communication can be markedly improved through (1) an understanding of the communication process, (2) continued training in communication principles, and (3) practice in interpersonal, intercultural, group and speaker-audience situations.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**SLMC 102: Fund. of Advert. & Storytelling**

This course has two primary areas of focus: (1) Introduce students to the field of advertising, its history and provide a general overview of advertising in the context of integrated marketing communications (IMC) and emergent media. Agency roles, corporate structure, branding and industry trends will be discussed as well as, the advertising process from research, creative, production, media placement and evaluation. (2) Additionally, students will be introduced to development of strategic communication messages via traditional and emergent media platforms. They will identify underlying themes of various stories on multiple platforms and decide how narratives will be best told strategically. Students will distinguish among different types of stories via the use of experiential (real-world) exercises to identify common themes and identify characteristics of a good story.

**Credits:** 1

**SLMC 202: Intro to Communication Theory**

The course is an introductory approach to theories associated with the study and analysis of human communication dynamics. The perspective adopted in the course is that human communication is a complex, problematic, and conflict-ridden challenge that human beings must process and manage as a constant of daily and social life. Communication theory seeks to explore meaning in diverse and complex ways so as to provide a broad base of understanding about the complexity of meaning for social beings, and the challenge that humans have in seeking to construct it, understand it, manage it, critique it, and, when necessary, change it.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**SLMC 203: Principles of Persuasion**

It is without question that persuasive communication permeates throughout every aspect of our existence. We are constantly inundated with messages designed to influence or change our attitudes, beliefs, values and/or behavior. Moreover, persuasion occurs on every level of communication, from the intra-personal through the global and even occurs within the context of the communication process.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**SLMC 210: Intro to Strategic Communication**

This introductory course explores the basics of how strategic communications works and teaches students the strategic concepts and principles necessary to understand how of how effective advertising, public relations and marketing decisions are developed and executed. This course will provide students with an overview of the principles, history and contemporary practices of the advertising, public relations and marketing industries and explain the nexus among those disciplines. SLMC 203 explores the role of public communication, its pervasiveness in society and provides an introduction to the development of a strategic communications plans.

**Credits:** 3

**Prerequisites:**

Sophomore standing

**SLMC 211: Basic PR Writing**

This course is designed to teach professional-quality techniques for writing to persuade in multiple public relations formats, including news releases, news advisories, features, backgrounders, pitch letters and other public relations writing formats in a multi-media environment.

**Credits:** 3

**Prerequisites:**

MJFC 100, SLMC 210

**SLMC 225: SLMC Co-Curricular**

This course is designed to provide students with practical experience in their field by having students participate in several on-campus communication units. Such communication units include, but are not limited to, The HillTop, Mock Trial, Debate, The District Chronicles, 101 Magazine, WHBC, HMG, and The Howard Sports Network, among others.

**Credits:** 1

**SLMC 231: Mock Trial**

Mock trial is designed to provide students with an introduction to communication in legal processes specifically for trial court settings. Mock Trial will expose students to the fundamental structure of trial court litigation. This course offers the basic principles of civil and criminal litigation and practice, including other various aspects of law, such as the rules of procedure, statutes and case laws. It is expected that each student will gain invaluable experience regarding the principles of persuasion while enhancing their ability to argue and object utilizing the rules of evidence and civil procedure often exemplified in trial court litigation.

**Credits:** 3

**Prerequisites:**

SLMC 203 Principles of Persuasion

**SLMC 241: Communication Policy**

This course is designed to introduce students to the structure, process and implementations of telecommunication policies. Students will be exposed to different communication issues and bring about awareness and understanding of the impact communications, particularly telecommunications, has on society. After reviewing a variety of issues that involve structure and operation of mass media system, students will examine various policies, laws, and regulations under which the media system operates. Over the course of the semester, we will be looking at public and private communication policies and their interactions and the possible impact that a policy may have on the overall performance of the mass media in society.

**Credits:** 3

**SLMC 250: Intro to Leadership and Management Comm**

The course is designed to introduce students to an array of communication principles and practices that will provide them with a more comprehensive perspective on leadership and management. The goal of this course is to improve students' competence in communication leadership and management. The course content is varied, mixing theory and practice and enabling the student to acquire both theoretical knowledge and application skill. The course differentiates between leadership and management and discusses both leadership and followership. It also examines the various contexts in which leadership occurs, such as on the interpersonal, group, cultural, and public contexts.

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**SLMC 251: Interpersonal Communication**

Interpersonal communication represents the very foundation of human communication. It is the goal of this course to explore and to develop an intellectual and operational understanding of these two disciplines in order to learn ways of communicating effectively in individual, dyadic and group situations. Special attention will be directed to the application of theoretical perspectives to the classroom and small group settings.

**Credits:** 3

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**SLMC 252: Intro to Health Communication**

This is an introductory course examining the intertwining of strategic communication with issues of health and medicine. Emphasis on the unique cultural, media, political-legal, interpersonal, and organizational factors influencing communication in healthcare settings.

**Credits:** 3

**SLMC 300: Debate Argumentation**

Argumentation introduces students to the basic principles of debate, emphasizing the development of research, critical thinking, and oral presentation skills. The course introduces a diverse array of debate styles.

**Credits:** 3

**SLMC 301: Intercultural/International Communication**

Intercultural and international communication disciplines share similarities with respect to media, culture, and political diplomacy between sovereign nations. This course will examine the role media plays when covering issues related to ethnicity and race from an international perspective. It will also explore the cultural and developmental communication initiatives and the critical paradigms that should be employed when dealing with interpersonal, group, and mass communication interactions between developed and developing nations. The course will also examine how international relations (diplomacy) are impacted from a global communication standpoint. The course will establish a credible theoretical framework that underpins intercultural and international communication dynamics in the 21st century.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SLMC 302: Intro to Sport Communication**

This course focuses on various communications contexts and their intersection with the sporting environment. It recognizes the increasing importance of sports in contemporary society and the centrality of communication. The course shall survey various communication contexts as they apply to sports. It shall cover topics such as communications by sporting organizations, fans, the media, as well as gender issues, race, ethnicity, and nationality in sports.

**Credits:** 3

**SLMC 307: Special Topics**

Special topic courses are offered on a semester-by-semester basis based on faculty expertise.

**Credits:** 3

**SLMC 311: Basic PR Writing**

This course is designed to teach professional-quality techniques for writing to persuade in multiple public relations formats, including news releases, news advisories, features, backgrounders, pitch letters and other public relations writing formats in a multi-media environment.

**Credits:** 3

**Prerequisites:**

MJFC 100 Fundamentals of Journalism, SLMC 210 Intro. to Strategic Communication.

**SLMC 312: Advanced PR Writing**

This course is designed to build upon the skills and knowledge a student gained in Public Relations Writing I (Basic PR Writing). Students will develop professional-level writing skills with a special emphasis on writing controlled communications, such as speeches, newsletters, pitch letters, public service announcements, brochures and social media tactics, as a part of a strategic communications plan.

**Credits:** 3

**Prerequisites:**

SLMC 311

**SLMC 313: Public Affairs Planning & Management**

This course is designed to introduce students to the tools and techniques of public affairs campaign planning and management in a team environment. The course focuses on the branch of public relations that seeks to effect policy change through legislative, regulatory and executive action. It also builds on students' previous studies of communications theory, reinforces their understanding of the ethical underpinnings of sound public relations practice and engages them in campaign planning while working in teams.

**Credits:** 3

**Prerequisites:**

SLMC 311 Basic PR Writing.

**SLMC 321: Advertising Sales**

This course discusses the elements of advertising sales and marketing in the business environment. Content consists of advertising and sales promotion, selection of media, use of advertising and sales promotion as a marketing tool, and ROI (testing media effectiveness). Upon completion, students will demonstrate an understanding of sales/marketing concepts by making actual sales calls to prospective buyers utilizing one of Howard University's media properties.

**Credits:** 3

**Prerequisites:**

SLMC 210

**SLMC 322: Advertising Copywriting and Design**

This course combines theory and practice to cultivate effective creative strategy and conceptual thinking within advertising creative utilizing diverse and interdependent media. Students will apply critical thinking to create campaign solutions employing the use of traditional, social, digital and emerging media. Additionally, this course will develop principles of copy writing and design while incorporating the use of professional tools, technology and creative software.

**Credits:** 3

**Prerequisites:**

SLMC 222

**SLMC 323: Advertising Research and Marketing**

This three-credit-hour course introduces students to basic concepts and methods of the research process used in developing, executing, and evaluating integrated communication campaigns. Course content includes a survey of current research methods used in advertising, public relations and mass media studies.

**Credits:** 3

**Prerequisites:**

SLMC 210 Introduction to Strategic Communications ,Junior standing.

**SLMC 324: Media Planning and Buying**

Examines mass media (TV, Cable, Radio, Internet and Print) and various media options that are incorporated into media advertising strategy. Class discussions will focus on the strengths and weaknesses of various media forms, why certain media are selected and evaluated and the decisions that arise from the media planning and buying process. Class discussions, assignments and activities are designed to present, reinforce and practice skills needed to execute a successful media plan.

**Credits:** 3

**Prerequisites:**

SLMC 210, Junior Status

**SLMC 325: SLMC Co-curricular**

Students will gain experience in advertising sales, marketing and branding for campus media.

**Credits:** 1

**SLMC 326: SLMC Co-curricular**

Students will gain experience in advertising sales, marketing and branding for campus media.

**Credits:** 1

**SLMC 328: Directed Study**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**Prerequisites:**

Advisor approval required

**SLMC 330: Constitutional Law**

Explores the structure of the U.S. Constitution in context of political and economic developments, focusing on judicial review, congressional commerce powers, the contract clause, and presidential powers

**Credits:** 3

**Prerequisites:**

ENGL 010

**SLMC 331: Communications Law**

The course is designed to give students an overview of one of our most important fundamental rights, the Right to Free Speech. The course will peruse through the gamut of First Amendment laws and constitutional privileges that have influenced our society and have ultimately shaped our legal system. The course will use statutory law and case law to examine the difference between protected speech and unprotected speech whether written or spoken. Above all, the course will analyze how existing law controls the operation of Mass Media and its impact on culture and systems of communication.

**Credits:** 3

**Prerequisites:**

; ENGL 010 – Tech Writing;

**SLMC 332: Intro to Legal Research**

Introduction to Legal Research prepares students with the necessary advanced research skills in legal research by exploring the essential legal resources used by lawyers and other legal professionals. Upon completion of this course the student will be equipped with the vital research skills of surviving in various, if not, all legal related occupations. This course will prepare students with research skills that will enable them to find relevant legal information to enhance any legal analysis. The course explores all facets of legal research using book research as well as online research.

**Credits:** 3

**Prerequisites:**

SLMC 311, Junior status

**SLMC 341: Race, Gender and Media**

This course is to explore how gender, ethnicity, and race are represented in both news media and popular culture. A particular emphasis is on the representation in media images, texts, and sounds, and on the significance of studying race and gender. The course invokes social scientific inquiries, both qualitative and quantitative, critically examining historical, socio-economic and institutional influences that govern the representation of race and gender in intersection of other cultural influences.

**Credits:** 3

**SLMC 343: Programming**

This course is a survey of radio, television, cable and internet programs. It examines and evaluates national and international programming strategies and imagery used to maintain competitive audience. This course prepares students for entry-level jobs in programming and audience research at radio and television stations, syndicators, radio and television networks and cable systems. Finally, this course provides a theoretical framework for organizing and making sense of the processes of programming: selection, scheduling, promotion, and evaluation as practiced by stations and networks.

**Credits:** 3

**Prerequisites:**

MJFC 101 or SLMC 202

**SLMC 351: Advanced Public Speaking**

Public speaking has become an important force for molding and shaping society. In an increasingly complex world, the need for articulate public speakers, that is, those who can present appropriate, relevant, and clear ideas to listeners in a direct, open, and convincing manner has become even greater. This course is designed to provide the advanced student with specific communication principles and skills necessary for effective public speaking in a variety of contexts.

**Credits:** 3

**Prerequisites:**

SLMC 101

**SLMC 352: Intro to Organizational Comm**

This course is designed to explore the various theories and concepts that are foundational to practices and applications in the discipline of organizational communication. The nature of communication as the connecting thread in organizations and between organizations, social and enterprising, will be stressed. Emphasis will be placed on the understanding of organizations, management, and leadership within the context of communication. Students will be exposed to the theoretical underpinnings of organizations, their processes, and their functions. Special attention will be given to the role of effective communication/interaction within the organization to maintain stasis and to manage change. .

**Credits:** 3

**SLMC 401: Practicum-Internship: Public Relations (PR)**

This is an experiential learning course. Experiential learning is an educational plan that integrates classroom study with practical work experience. This course is designed to provide qualified public relations students the opportunity for challenging and educational "hands-on" learning experience the public relations, journalism or communications fields. Students gain experience and helpful career direction by working under qualified professionals in a structured business environment. Paid or unpaid, students are expected to perform duties that are similar, if not identical, to the type of work they will do upon entering the professional workforce.

**Credits:** 3

**Prerequisites:**

Junior/senior standing, SLMC 311 Basic PR Writing, and prior approval of internship before beginning of internship.

**SLMC 402: Practicum – Internship: Advertising (AD)**

This is an experiential learning course. Experiential learning is an educational plan that integrates classroom study with practical work experience. This course is designed to provide qualified Advertising students the opportunity for challenging and educational “hands-on” learning experience the advertising, marketing related or communications fields. Students gain experience and helpful career direction by working under qualified professionals in a structured business environment. Paid or unpaid, students are expected to perform duties that are similar, if not identical, to the type of work they will do upon entering the professional workforce.

**Credits:** 1

**Prerequisites:**

Junior/Senior standing, SLMC 321 Advertising Sales, and prior approval of internship and service learning experience before beginning the internship and service learning experience.

**SLMC 403: Practicum-Internship: Legal Communication (LC).**

This is an experiential learning course. The course is designed to provide students with an opportunity for challenging and educational “hands-on” learning experiences.

**Credits:** 1

**Prerequisites:**

Senior Status; SLMC 352 Intro to Organizational Communication.

**SLMC 404: Practicum-Internship: Media Management (MM).**

This course is designed to facilitate the student’s transition from college to the world of work. The focus of the class will be skills training in topics related to the identification and acceptance of employment opportunities, career development and techniques for upward mobility within the field of telecommunications management.

**Credits:** 1

**Prerequisites:**

SLMC 321 Advertising Sales or SLMC 343 Programming.

**SLMC 405: Internship: Management and Organizational Communication**

This course is designed to facilitate the student's transition from college to the world of work. The focus of the class will be skills training in topics related to the identification and acceptance of employment opportunities, career development and techniques for upward mobility within the field of telecommunications management.

**Credits:** 1

**Prerequisites:**

SLMC 321 or SLMC 343, and prior approval of internship before beginning of internship.

**SLMC 407: Special Topics**

Special topic courses are offered on a semester-by-semester basis based on faculty expertise.

**Credits:** 3

**SLMC 410: Social Media & Integrated Marketing.**

This course is designed to provide students with the history, theory and practical uses of Integrated Strategic Communication (ISC), along with the legal and ethical issues associated with social media. This course requires students to create comprehensive ISC campaigns with an emphasis on targeted uses of social media channels and tactics.

**Credits:** 3

**Prerequisites:**

SLMC 323 Advertising Research & Marketing OR SLMC 311 Basic PR Writing, Senior standing.



**SLMC 431: Conflict Management and Negotiation**

Conflicts are pervasive in human social life. There are differences in disputes involving participants with different backgrounds and goals in different situations, but there are similarities and identifiable underlying dimensions in conflict communication. Some relevant dimensions include gender, role, ethnicity, nationality, and family background. The purpose of this class is to introduce conflict as it occurs in a variety of contexts and the ways in which communication can impact the outcome of conflict. It is also designed to provide students with a framework for the systematic analysis, management and negotiation of conflict through the use of communicative strategies. Activities for learning include reading about conflict and communication, analyzing conflicts, experiencing, and evaluating communication behaviors that are effective. An introduction to negotiation strategies and practices will be presented.

**Credits:** 3

**SLMC 441: Broadcast Management**

In this course, we will examine various broadcast companies, the organization of these companies and the underlying principles governing their management.

**Credits:** 3

**Prerequisites:**

MJFC 101 or SLMC 202

**SLMC 451: Intro to Training and Development.**

The training and development industry is vastly growing and reflects the information age as well as the technological advancement of the 21st century. This advancement complements and enhances the field of training and development. Therefore, the expertise and competence of professionals with training and development skills is critical. This course will examine various concepts, theories and issues relevant to organizational communication training and development. Organizational training initiatives will be introduced and explored. To address the changing needs of the workplace we will study the importance of re-education, re-tooling and the re-development of new models. Also, we will examine the field of training and development in an effort to understand the importance of adult and experiential learning as a tool for sustaining and/or improving organizational effectiveness.

**Credits:** 3

**Prerequisites:**

SLMC 352 Intro to Organizational Communication.

**SLMC 490: Communication Research Methods**

This course is designed to introduce students to the basic concepts, principles, and techniques of communication research. Focusing on both qualitative and quantitative research methods, this course will provide students with a basic understanding of what types of studies lend themselves to specific research methods and how to collect and analyze data according to these methods. The course will provide participants with a foundation for developing more advanced research and entrepreneurial skills.

**Credits:** 3

**SLMC 491: CapComm Lab**

CapComm Lab is designed to provide an opportunity for students to gain practical experience through working in a co-curricular advertising and public relations student-run strategic communications firm. The course emphasizes planning, developing, implementing, and evaluating strategic communications campaigns.

**Credits:** 3

**Prerequisites:**

SLMC 312 or SLMC 323

**SLMC 492: Capstone Senior Research Project**

Supports the conceptualization and development of a thesis or capstone project under the supervision of the faculty adviser.

**Credits:** 3

**Prerequisites:**

SLMC 490

**SLMC 493: Capstone: Senior Research Project**

In this course, students will review the major stages in the research process. Students will conduct and complete a major communication Capstone project related to students' field of study.

**Credits:** 3

**Prerequisites:**

SLMC 490 (cannot be taken simultaneously with SLMC 490).