

A photograph of the Howard University clock tower building, featuring a prominent clock face and a dome, set against a blue-tinted background with tree branches in the foreground.

# HOWARD UNIVERSITY

## 2023-2024 UNDERGRADUATE CATALOG

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HOWARD  
UNIVERSITY

# Table of Contents

<b>General Information</b> .....	6	Withdrawal From a Course .....	51
Howard University: An Overview .....	6	Warning on Dropping Courses .....	52
Mission Statement .....	7	All Incomplete Grades .....	52
Howard University Policy on Equal Opportunity .....	7	Removal of Incomplete Grades .....	52
Correspondence Directory .....	9	Course Repeat Policy .....	52
Campus Facilities and Space Utilization .....	12	Semester Grades .....	53
University Administration 23-24 .....	16	Satisfactory Academic Progress Policy .....	53
Howard University Board of Trustees .....	18	Academic Suspension .....	56
Regional Accreditation .....	20	Readmission Policy on Academic Probation & Suspension .....	56
<b>Undergraduate Admissions</b> .....	22	Readmission After Academic Suspension .....	57
Academic Calendar 23-24 .....	22	Total Withdrawal Procedure .....	57
First-Year Student Application Deadlines .....	22	Readmission After a Total Withdrawal .....	59
General Admissions Requirements .....	22	<b>Student Resources &amp; Services</b> .....	59
Report of Medical History .....	23	BisonHub .....	59
First Time Student Admission Requirements .....	24	Bison One Card - Photo Identification Cards .....	59
Transfer Student Admission Requirements .....	26	The Office of Undergraduate Studies .....	60
International First Time Student Admission Requirements .....	27	Student Health Center .....	60
International Transfer Student Admission Requirements .....	28	The University Counseling Service (UCS) .....	61
Other Categories Seeking Undergraduate Admission: .....	30	Various Student Services and Support .....	62
Unclassified Students .....	31	Bookstores .....	64
Visiting Students .....	31	Office of the Registrar .....	65
Summer School .....	31	Enrollment Verification .....	65
Consortium of Universities of the Washington Metropolitan Area (CUWMA) .....	32	Transcripts .....	66
Undergraduate Transfer Credit Policy .....	35	<b>Howard University Student Code Of Conduct and Judiciaries</b> .....	67
<b>Financial Information</b> .....	36	Preamble .....	67
Office of the Bursar .....	36	Section I: Scope, Limitations, and Applicability of the Code .....	68
Enrollment Fee .....	36	Section II: Cooperation with Law Enforcement Authorities .....	69
Change of Program Fee .....	36	Section III: Student Rights, Freedoms, and Responsibilities .....	69
Expenses & Financial Aid .....	37	Section IV: Process for Enforcement of the Code .....	70
Payment Information .....	38	Section V: Emergency Action Suspension and Involuntary Administrative Withdrawal .....	77
Minimum Credits Required for Financial Aid Eligibility .....	39	Section VI: Prohibited Behaviors .....	81
Satisfactory Academic Progress Financial Aid Probation .....	39	Section VII: Disciplinary Sanctions .....	91
Federal Financial Aid Unofficial Withdrawal Policy .....	42	Section VIII: Procedure for Readmission after disciplinary suspension .....	94
Howard University Refunds and Adjustments of Title IV Funds ..	42	Section IX: Revisions of the Student Code of Conduct and Judiciaries .....	94
Schedule of Financial Adjustments and/or Refunds .....	43	Academic Code of Student Conduct .....	95
Cost of Attendance 23-24 .....	43	Degree Revocation Procedures .....	97
Official Notice of Student Charges 23-24 .....	45	Policy on Student Academic Grievance Procedures .....	98
<b>Academic Advising &amp; Policies</b> .....	45	<b>General Education</b> .....	100
General Academic Information .....	45	<b>Degrees</b> .....	102
Note on Credit Hours and Special Topics Courses .....	47	<b>Chadwick A. Boseman College of Fine Arts</b> .....	102
Grades & Grade Point Average (GPA) .....	48	Ceramics .....	104
Classification of Students .....	50	Design .....	107
Academic Advisement .....	50		
Registration .....	51		

Electronic Studio Art	110
Fashion	112
Interior Design	114
Painting	117
Photography	119
Sculpture	122
Music	125
Theatre Arts	241
<b>College of Arts &amp; Sciences</b>	255
African Studies	272
Afro-American Studies	276
Interdisciplinary Studies	282
Biology	306
Chemistry	312
Criminology	315
Economics	319
English	324
Health, Human Perform. & Leisure Studies	333
History	350
Mathematics	355
Philosophy	373
Physics	376
Political Science	395
Psychology	399
Sociology	404
Spanish	408
<b>Cathy Hughes School of Communications</b>	412
Media, Journalism & Film	413
Strategic, Legal & Management Communication	424
<b>College of Engineering and Architecture</b>	444
Architecture	444
Chemical Engineering	448
Computer Engineering	450
Computer Science	453
Electrical Engineering	456
Civil Engineering	459
Mechanical Engineering	462
<b>College of Nursing &amp; Allied Health Sciences</b>	465
Clinical Laboratory Sciences	465
Health Management Sciences Program	468
Nutritional Sciences	473
Nursing	481
Radiation Therapy Program	483
<b>School of Business</b>	486
Accounting	486
School of Business	490
Finance	492
Finance & International Business	496

Information Systems & Supply Chain Management	502
Management	510
Marketing	514
<b>School of Education</b>	518
Elementary Education	519
Human Development	521
<b>Course Descriptions</b>	528
Chadwick A. Boseman College of Fine Arts	528
Art	528
ARTH - Art History	528
ARTC - Ceramics	531
ARTD - Design	532
ARTR - Drawing	535
ARTE - Electronic Studio Art	535
ARTX - Experimental Studio Art	538
FASH - Fashion	539
ARTF - Foundation Design	545
ARID - Interdisciplinary	545
INTD - Interior Design	546
ARTA - Painting	550
ARTP - Photography	552
ARTS - Sculpture	553
Music	555
MUTT - Bassoon	555
MUTE - Brass Ensemble	556
MUTS - Clarinet	557
MUSI - Entertainment Law	557
MUTP - Fine Arts Guitar	559
MUSP - Flute	560
MUST - French Horn	561
MUSB - Fundamentals	563
MUSO - Guitar	566
MUTF - Guitar Ensemble	568
MUSD - Instrumental	569
MUSH - Jazz	572
MUTI - Jazz Ensemble	573
MUSC - Literature	575
MUTH - Marching Band	577
MUSJ - Music Therapy	579
MUTU - Oboe	580
MUTJ - Orchestra	581
MUSF - Organ	583
MUSX - Percussion Ensemble	584
MUSW - Percussion Major	585
MUSE - Piano	586
MUSL - Piano Technology	592
MUSZ - Piano Trio	594
MUSQ - Saxophone	596

MUTD - Saxophone Ensemble .....	597	AMHR - Amharic .....	777
MUSN - String Bass .....	598	PHIL - Philosophy .....	778
MUTB - String Ensemble .....	600	PHYS - Physics .....	789
MUTO - Student Recital .....	601	POLS - Political Science .....	795
MUSU - Trombone .....	602	PSYC - Psychology .....	805
MUSS - Trumpet .....	604	SOCI - Sociology .....	813
MUSV - Tuba .....	605	SPAN - Spanish .....	822
MUTL - University Choir .....	607	ARAB - Arabic .....	830
MUTM - University Chorale .....	608	CHIN - Chinese .....	832
MUTQ - Viola .....	610	FREN - French .....	833
MUSM - Violoncello .....	612	GERM - German .....	837
MUSG - Voice .....	614	HACR - Haitian Creole .....	841
MUTC - Woodwind Ensemble .....	617	JAPN - Japanese .....	842
THAC - Acting .....	618	KORE - Korean .....	843
THDN - Dance Arts .....	622	PORT - Portuguese .....	844
THMT - Musical Theatre .....	629	RUSS - Russian .....	847
THPD - Pre-directing .....	633	SWAH - Swahili .....	851
THTA - Theatre Arts Administration .....	633	WOLO - Wolof .....	853
THEA - Theatre Education .....	635	ENGW - English Writing .....	854
THFD - Theatre Foundation .....	636	ESOL - English as a Second Language .....	856
THTT - Theatre Technology .....	639	HUMA - Humanities .....	857
MUTG - Marching Band .....	645	SMLI - Somali .....	858
MUTK - Women's Chorus .....	646	YORU - Yoruba .....	858
MUTV - Jazz Vocal Workshop .....	647	ZULU - ZULU .....	860
MUTW - Jazz Voice .....	649	MJFC - Media, Journalism & Film .....	861
MUTX - Jazz Piano .....	650	SLMC - Strategic, Legal & Management Communication .....	875
MUTZ - Jazz Bass Workshop .....	651	SCOM - School of Communications .....	883
THSV - Introduction to Theatre .....	652	ARCH - Architecture .....	884
AFST - African Studies .....	652	CHEG - Chemical Engineering .....	893
ACAD - Academic Development .....	656	EECE - Electrical Engineering .....	897
AFRO - Afro-American Studies .....	656	CIEG - Civil Engineering .....	907
AHCC - Allied Health Education .....	664	MEEG - Mechanical Engineering .....	912
FRSM - Freshman Seminar .....	666	CSCI - Computer Science .....	917
ANTH - Anthropology .....	666	EGPP - Engineering Preparatory Program .....	924
GREK - Greek .....	666	CLLS - Clinical Laboratory Sciences .....	925
INTS - Interdisciplinary Studies .....	668	HLMN - Health Management Sciences Program .....	928
BIOL - Biology .....	675	NUTR - Nutritional Sciences .....	930
LATN - Latin .....	687	NURS - Nursing .....	935
CHEM - Chemistry .....	690	RASC - Radiation Therapy Program .....	939
CLAS - Classics .....	696	NUTR - Nutrition .....	943
ECON - Economics .....	705	NAHS - Nursing and Allied Health Sciences .....	943
ENGL - English .....	713	ACCT - Accounting .....	944
HHPL - Health, Human Perform. & Leisure Studies .....	735	BLAW - Business Law .....	946
HIST - History .....	743	INFO - Computer Based Information Systems .....	947
HNRS - Honors .....	758	FINA - Finance .....	951
MATH - Mathematics .....	759	HOSP - Hospitality Management .....	955
AERO - Aerospace .....	770	INSU - Insurance .....	956
MILI - Army .....	774	INBU - International Business .....	957

MGMT - Management .....	958
MKTG - Marketing .....	963
BCOM - Business Communications .....	966
BECN - Business Economics .....	966
REEH - Real Estate .....	967

SCHM - Supply Chain Management .....	967
EDUC UUU - School of Education .....	969
EDUC - Elementary Education .....	969
HUDE - Human Development .....	976

# General Information

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## 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 Cathy Hughes School of Communications; the Chadwick A. Boseman 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. In addition, the Moorland-Spingarn 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 Mathematics and Science. The Early Learning Program offers pre-kindergarten through kindergarten programs and the Middle School of Mathematics and Science District of Columbia Public Charter School providing curricula for grades 6 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 and the School of Divinity. 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 varsity sports, including basketball, football, golf, bowling, soccer, softball, swimming, tennis, both indoor and outdoor track and volleyball. Howard has more than 13,000 students from virtually every state, the District of Columbia and more than 70 countries.

Its undergraduate 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 African American Ph.D.s than any other university in the world. Over the past 25 years, the University has produced *Rhodes Scholars*, *Truman Scholars*, *Marshall Scholars*, *Fulbright Scholars*, *Luce Scholars*, *Goldwater Scholars*, *Schwarzman Scholars*, *Truman Scholars*, and *Pickering Fellows*. Additionally, Howard University has been a top producer of *Gilman Scholars* over the past 20 years.

## 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 Angie Logan-Pope, who is located in the Office of the Provost, Administration Building, Suite 306, and can be reached at (202) 806-2550.

### **Title IX Coordinator**

Angie Logan-Pope  
2400 6th Street, NW, Suite G-06  
Washington, DC 20059  
Title IX Website: <https://howard.edu/title-ix>

## **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. Howard University is committed to ensuring that all students have equal access to the university's programs and offerings. The Office of Student Accessibility (OSA) supports students with disabilities through programming and processing requests for reasonable accommodations. The Office of Student Accessibility is located at The Wayne A.I. Frederick Undergraduate Library, 500 Howard Place N.W. (Sub-Level 1), Washington, DC 20059

Phone: (202) 238-2424  
Email address: [accessibility@howard.edu](mailto:accessibility@howard.edu)



The Office of Student Accessibility  
Dr. Paris Adon, Director of Student Services  
2455 4th Street NW 20059  
Harriett Tubman Quadrangle - Lower Level  
Washington, DC 20059

## 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  
(202)-806-7280

Campus Police  
(202)-806-1100

Office of General Counsel  
(202)-806-2650

Student Counseling Service  
(202)-806-6870

Office of Provost/Chief Academic Officer  
(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

Office of Student Services  
(202)-238-2425

International Student Services  
(202)-806-7517

## **General Numbers:**

Accounts Payable  
(202) 806-2324

Admission  
1-800-822-6363

Alumni Relations  
(202) 238-2340

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) 806-1000

Post Office  
(202) 806-2009

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  
(855) 490-2875

Student Safety/Escort Service  
(202) 806-1100

Student Financial Services  
(202) 806-3345

Student Health Center  
(202) 806-7540

Telecommunications  
(202) 806-2955

University Advancement  
(202) 238-2340

Additional Directory information is available at <https://howard.edu/contact>.

## Campus Facilities and Space Utilization



Academic Support Bldg A (Education).....	25
Academic Support Bldg B.....	24
Andrew Carnegie Hall.....	12
Andrew Rankin Memorial Chapel.....	50
Armour Blackburn University Center.....	57
<b>Cancer Research Center.....</b>	<b>19</b>
CB Powell Building (Communications)....	13
Charles Drew Hall.....	21
Chauncey Cooper Hall (Pharmacy).....	51

Chemical Engineering Building.....	16
Chemistry Building.....	15
College Hall North.....	35
<b>College Hall South.....</b>	<b>67</b>
Early Learning Center.....	58
Effingham Apartments.....	92
Ernest Just Hall (Biology).....	7
Founders Library - MSRC.....	29
Founders Library - UGL.....	61
Frederick Douglass Memorial Hall.....	23
Annex II (Nursing & Allied Health Sci.)...17	
Annex III (Graduate School).....	31
George Cook Hall.....	18
Harriett Tubman Quadrangle.....	
Crandall Hall.....	62C
Fraizer Hall.....	62F

Wheatley Hall.....	62W
Baldwin Hall.....	62B
Truth Hall.....	62T
Hospital Towers.....	65
Howard Mackey Building (Architecture)...	3
Howard Manor Apartments.....	96
<b>Howard Plaza Tower (West).....</b>	<b>551</b>
Howard Plaza Towers (East).....	550
Howard University Bookstore.....	5
Howard University Hospital.....	37
Howard University Service Center.....	39
<b>ILAB.....</b>	<b>ILAB</b>
Ira Aldridge Theatre.....	43
Interdisciplinary Research Building.....	38
John Burr Gymnasium Building.....	8
Laser Chemistry Building.....	4
Louis Cramton Auditorium.....	20
Louis Downing Hall (Engineering).....	26

<b>Louis Stokes Health Sciences Library.....</b>	<b>200</b>
Lulu Childers Hall (Fine Arts).....	28
Mary Bethune Annex.....	6
Mary Bethune Annex Dining Hall.....	34
Medical Arts Building (Student Health)...	19
Mental Health Center.....	700
Middle School for Math & Science.....	40
Mordecai Johnson Admin. Building.....	1
Numa Adams Building (Medicine).....	51
Oliver Howard Hall.....	33
Ralph Bunche Center.....	42
Russell Dixon Building (Dentistry).....	22
School of Business.....	10
Seeley Mudd Building (Medicine).....	45
Warehouse Building.....	59
WHUR-Radio.....	49
WHUR-TV.....	54
Wilbur Thirkield Hall (Physics).....	55
William Greene Memorial Stadium.....	9
<b>Wonder Plaza (ETS).....</b>	<b>2</b>

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

## ACADEMIC UNITS & FACILITIES

Howard University's is comprised of 14 schools and colleges that offer a variety of specialized and interdisciplinary programs. Howard University also offers a range of facilities that meet the needs of students, faculty, staff, and the broader community. Contact information and website links to key facilities are listed below.

### CATHY HUGHES SCHOOL OF COMMUNICATIONS

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

The MET Building  
300 Bryant Street, NW

Washington, DC 20001  
Phone: (202) 806-7694

### 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

### COLLEGE OF ARTS AND SCIENCES (COAS)

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

Alain Locke Hall, Suite 101  
Washington, D.C. 20059  
Phone: 202-806-6700

### COLLEGE OF DENTISTRY

#### **COLLEGE OF DENTISTRY**

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

### COLLEGE OF ENGINEERING AND ARCHITECTURE

#### **COLLEGE OF ENGINEERING AND ARCHITECTURE**

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

### COLLEGE OF MEDICINE

#### **COLLEGE OF MEDICINE**

520 W St., NW.  
Washington, D.C. 20059  
Phone (202) 806-5677

### COLLEGE OF NURSING AND ALLIED HEALTH SCIENCES

#### **COLLEGE OF NURSING AND ALLIED HEALTH SCIENCES**

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

## COLLEGE OF PHARMACY

### **COLLEGE OF PHARMACY**

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

## GRADUATE SCHOOL

### **Graduate School**

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

## SCHOOL OF BUSINESS

### **SCHOOL OF BUSINESS**

2600 6th St NW  
Washington, D.C. 20059  
Phone: 202-806-1500

## SCHOOL OF DIVINITY

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

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

## SCHOOL OF EDUCATION

### **SCHOOL OF EDUCATION**

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

## SCHOOL OF LAW

### **SCHOOL OF LAW**

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

## SCHOOL OF SOCIAL WORK

### **SCHOOL OF SOCIAL WORK**

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

UNIVERSITY LIBRARIES

**FOUNDERS LIBRARY**

500 Howard Place, NW  
Washington, D.C. 20059  
Phone: Main: 202-806-7252

ANDREW RANKIN MEMORIAL CHAPEL

**ANDREW RANKIN MEMORIAL CHAPEL**

2395 6th Street, NW  
Washington, D.C. 20059  
Phone: Main: 202-806-7280

HOWARD UNIVERSITY HOSPITAL

**HOWARD UNIVERSITY HOSPITAL**

2041 Georgia Ave  
Washington, D.C. 20060  
Phone: Main: 202-865-7677

# University Administration 23-24

## PRESIDENT

Ben Vinson, III, Ph.D.

## PRESIDENT EMERITUS

Wayne A.I. Frederick M.D., MBA

## PROVOST & CHIEF ACADEMIC OFFICER

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# Howard University Board of Trustees

2023-2024

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**Hilary Rosen**

Public Affairs Executive and CNN Political Analyst

**Shelley Stewart Jr.**

Managing Partner, BottomLine Advisory, LLC

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President, Hospitality Development Company Group, Class of 1979, Economics

**Christopher J. Tyson (BArch '98)**

President, National Community Stabilization Trust, Class of 1998, Architecture

**Chris Washington (BA '92)**

DJ & Grassroots Marketing Consultant, Asst. Athletic Director, and Varsity Coach, Class of 1992, Broadcast Journalist

*Updated October 20, 2023*

# 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

1007 North Orange Street

4th Floor, MB #166

Wilmington, DE 19801

## Programs with Specialized Accreditation

For additional accreditation information, visit the Office of Institutional Research and Assessment at

<https://ira.howard.edu/accreditation/institutional-accreditation>.

PROGRAM NAME	SCHOOL / COLLEGE	Level
	<b>ARTS &amp; SCIENCES</b>	
Clinical Psychology (PhD)	American Psychological Association (APA), Commission on Accreditation (CoA)	G
	<b>FINE ARTS</b>	
Art	National Association of Schools of Art and Design (NASAD)	UG; G
Music	National Association of Schools of Music (NASM)	UG; G
Theatre Arts	National Association of Schools of Theater (NAST)	UG
	<b>BUSINESS</b>	
Business (BBA & MBA)	Association to Advance Collegiate Schools of Business (AACSB) International	UG; G
Accounting (BBA)		
	<b>COMMUNICATIONS</b>	
Media, Journalism & Film (Undergraduate Programs)	Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)	UG
Strategic, Legal, & Management Communication (Undergraduate Programs)	Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)	UG
Communication Sciences & Disorders	American Speech Language Hearing Association (ASHA), Council on Academic Accreditation in Audiology and Speech Language Pathology (CAA)	G
	<b>DENTISTRY</b>	
DDS /Predoctoral Dental Education	American Dental Association (ADA), Commission on Dental Accreditation (CODA)	P
Dental Hygiene		
Pediatric Dentistry Residency		
Orthodontics Residency		
Advanced General Dentistry Residency		
General Practice Residency		
Oral and Maxillofacial Surgery Residency		
	<b>DIVINITY</b>	

D. Min	Commission on Accrediting of the Association of Theological Schools in the United States and Canada (ATS)	P
	<b>EDUCATION</b>	
All Teacher Education Program	Council for the Accreditation of Educator Preparation (CAEP)	UG; G
Counseling Psychology (PhD Program)	American Psychological Association (APA), Commission on Accreditation (CoA)	G
	<b>ENGINEERING &amp; ARCHITECTURE</b>	
Mechanical Engineering	Accreditation Board for Science, Engineering and Technology (ABET), Engineering Accreditation Commission	UG; G
Computer Engineering		
Chemical Engineering		
Civil Engineering		
Electrical Engineering		
Computer Science		
Architecture	National Architectural Accrediting Board (NAAB)	UG; G
	<b>LAW</b>	
JD	American Bar Association (ABA), Council of the Section of Legal Education and Admission to the Bar	P
	<b>MEDICINE</b>	
MD	Liaison Committee on Medical Education (LCME)	P
	<b>NURSING &amp; ALLIED HEALTH SCIENCES</b>	
Nursing	Commission on Collegiate Nursing Education (CCNE)	UG; G
Clinical Laboratory Sciences	National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)	UG
Nutritional Sciences	Accreditation Council for Education in Nutrition and Dietetics (ACEND)	UG; G
Occupational Therapy (MS)	American Occupational Therapy Association (AOTA), Accreditation Council for Occupational Therapy Education (ACOTE)	P
<i>Occupational Therapy (OTD) Preaccreditation Status (as of Oct 2023)</i>		
Health Management	Association of University Programs in Health Administration (AUPHA)	UG
<i>Physician Assistant</i> Provisional Accreditation Status Preaccreditation Status pending (as of Oct 2023)	Accreditation Review Commission on Education for the Physician Assistant (ARC-PA)	P
Physical Therapy	American Physical Therapy Association (APTA), Commission on Accreditation in Physical Therapy Education (CAPTE)	P
Radiation Therapy	Joint Review Committee on Education in Radiologic Technology (JCRERT)	UG
	<b>PHARMACY</b>	
PharmD	Accreditation Council for Pharmacy Education (ACPE)	P
	<b>SOCIAL WORK</b>	
MSW	Council on Social Work Education (CSWE)	G
	<b>SIMULATION AND CLINICAL SKILLS CENTER</b>	
Simulation & Clinical Skills Center	American College of Surgeons (ACS)	NA
	<b>COUNSELING CENTER</b>	

Counseling Service Internship	American Psychological Association (APA), Commission on Accreditation (CoA)	NA
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# Undergraduate Admissions

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## Academic Calendar 23-24

[Academic Calendar 2023-2024](#)

## First-Year Student Application Deadlines

<b>Applicants should apply by the following dates:</b>	
<b>Fall Semester:</b>	
<b>November 1st - Early Action/Early Decision. Complete application files will be notified late- December</b>	
<b>February 1st - Traditional Action/Regular Decision. Complete application files will be notified by early April</b>	
<b>Codes for Standardized Examinations</b>	
<b>SAT &amp; TOEFL: 5297</b>	
<b>ACT: 0674</b>	

## 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 Admission** will provide a paper copy. 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 Howard University. 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.
- 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, SCOIR or mail**.

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. 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 enrolled in a degree program at Howard University or any other post-secondary institution of higher education following their high school graduation.

## FTIC Academic Eligibility

We consider the applicant's secondary school academic record, SAT or ACT scores (if submitted), recommendations, 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. Common Application and Howard Supplement with non-refundable US \$45 application fee.
2. One letter of recommendation from a school counselor, principal, head of school, or school official;
3. One letter of recommendation from a teacher or professor;
4. SAT or ACT scores (optional)
  - To obtain SAT test dates, visit [www.collegeboard.org](http://www.collegeboard.org) – school code 5297
  - 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.
7. 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.
8. Common Application essay-
9. Official 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. Only official reports from ETS will be accepted.
  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.



10. Statement of Financial Resources Form for non-U.S. citizens, permanent residents, or nationals; 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>
  2. 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
  3. 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.

# Transfer Student Admission Requirements

## Transfer Students

Applicants who have attended another post-secondary institution of higher education following high school graduation may seek admission to Howard University as transfer students.

### Transfer Student Academic Eligibility

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

### 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

## First Time in College (FTIC) Students

FTICs are students who have never enrolled in a degree program at Howard University or any other post-secondary institution of higher education following their high school graduation.

### FTIC Academic Eligibility

We consider the applicant's secondary school academic record, SAT or ACT scores (if submitted), recommendations, 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. Common Application and Howard Supplement with non-refundable US \$45 application fee.
2. One letter of recommendation from a school counselor, principal, head of school, or school official;
3. One letter of recommendation from a teacher or professor;
4. SAT or ACT scores (optional)
  - To obtain SAT test dates, visit [www.collegeboard.org](http://www.collegeboard.org) – school code 5297
  - 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.
7. 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.
8. Common Application Essay
9. Official 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. Only official reports from ETS will be accepted.
  - Score of 550 on the paper-based test (PBT)
  - Score of 79 on the internet-based test(iBT)
10. 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.

11. Statement of Financial Resources Form for non-U.S. citizens, permanent residents, or nationals; 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.
12. Statement of Financial Resources Form  
<http://www.howard.edu/enrollment/documents/admission/Statement%20of%20Financial%20Resources.pdf>
13. 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
14. 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.

## 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 the Registrar. 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.

Cumulative GPA below 2.0--Approval from the school/college must be received in the University Registrar's Office before readmission can be granted for any student who left the university with a cumulative GPA below 2.0. Students are encouraged to consult with the advising unit within their school/college to discuss readmission. Students should also remain aware of their Satisfactory Academic Progress (SAP) status as it relates to receiving Financial Aid. A separate appeal process is required for students who are not meeting SAP. Academic and SAP suspension statuses can be viewed via BisonHub.

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 consult with the advising unit within their school/college 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 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)

Howard University participates in the Consortium of Universities of the Washington Metropolitan Area (CUWMA). Through this consortium, Howard University offers its qualified undergraduate and graduate degree-seeking students the opportunity to enroll in courses at:

- American University
- Catholic University
- Gallaudet University
- Georgetown University
- George Mason University
- George Washington University
- Marymount University
- Trinity Washington University
- University of the District of Columbia
- University of Maryland, College Park
- University of Maryland Global Campus (NOT CURRENTLY ACCEPTING CONSORTIUM STUDENTS for the 2023-2024 Academic Year)

***HOWARD UNIVERSITY DOES NOT ACCEPT CONSORTIUM COURSE REQUESTS FOR PARTICIPATION AT AREA COMMUNITY COLLEGES.***

## **To be eligible to take classes through Consortium, a student must meet the following requirements:**

1. Be a fully admitted degree-seeking student who has completed at least one semester in residence at Howard University.
2. Be enrolled in courses at Howard University in the same term the consortium course(s) is being taken.
3. Be in good academic/financial standing - (2.0 GPA for UG students and 3.0 for GR students).
4. Obtain the following approvals to participate in the Consortium Program:
5. ACADEMIC APPROVAL-Signature of the Academic Dean and Department Chairperson/Advisor
6. ADMINISTRATIVE APPROVAL- Return consortium form to the Consortium Coordinator ([consortium@howard.edu](mailto:consortium@howard.edu)) for signature.

**RULES, REGULATIONS AND PROCEDURES IN EFFECT FOR HOWARD UNIVERSITY COURSE REPEATS AND INCOMPLETES ARE ALSO APPLICABLE FOR CONSORTIUM COURSE REPEATS AND INCOMPLETES.**

## **Restrictions for HU Students**

- Students enrolled in First Professional Degree Programs in Dentistry, Law and Medicine, or Non-Degree programs, at any level, are not eligible to participate in Consortium cross-registration.
- Students who are in their first or last semester at HU are not eligible to take Consortium courses (excluding students who are taking ROTC courses through the ROTC program).



- Enrollment in Independent Study, Special Institutes, Tutorials and Study Abroad, Online/Distance Education is prohibited.
- The total number of hours taken through the Consortium must not exceed forty percent of the total hours required for the degree.

## Consortium Program Policies and Procedures

Please read the following information below. It is important to note that the Cross-Registration function of the Consortium is a privilege, not a right. Availability of classes cannot be guaranteed.

### Registration

- All completed and approved forms must be submitted one week prior to the first day of classes for the requested term (Please access the [Academic Calendar](#) for dates). The consortium registration form is available at <https://consortium.org/programs-and-initiatives/academic-collaborations/cross-registration/>. For more information on the CUWMA and participating universities course schedules, please visit <http://www.consortium.org>. Completed forms should be returned to [consortium@howard.edu](mailto:consortium@howard.edu).
- All registration for consortium courses is completed here at Howard University (HU) by the Consortium Coordinator. HU students should not register themselves at the visited institution.
- Consortium registration dates are determined by HU registration dates, not the dates of the host institution.
- Consortium classes cannot be reserved in advance.
- Students cannot be registered for more consortium credits than HU credits in the same semester. If students HU credits drop below the number of consortium credits, their consortium registration will be cancelled-**NO EXCEPTIONS**
- The University of Maryland does not register incoming Consortium students until the first day of class.
- Students must adhere to HU's drop/withdrawal deadline dates. Please access the [Academic Calendar](#) for dates.
  - It is taken into consideration that some institutions' semester may start later than HU's. In these cases, the drop deadline date (for consortium courses only) extends to the first day of class at the Consortium institution. THIS EXTENSION DOES NOT APPLY TO HOWARD UNIVERSITY CLASSES. The student is required to inform the Consortium Coordinator the very next day of his/her intention to drop the class. Any decision to withdraw from the class after that date will result in a "W".
- DO NOT DROP OR WITHDRAW FROM CONSORTIUM CLASSES online using BisonHub. To drop or withdraw from a consortium class, please contact the Consortium Coordinator ([consortium@howard.edu](mailto:consortium@howard.edu)).

### Tuition and Fees

- Tuition for courses taken under the Consortium agreement is assessed at the current HU tuition rate and paid to HU.
- Students are responsible for payment of any additional course fees including, but not limited to; lab fees, course materials, etc. that are attached to the consortium course. Payment must be made at the Student Accounts Office of the consortium institution. Visiting consortium students who have not paid their course fees by the end of the semester in which they occur, will have a "Hold" placed on future registrations at Howard University until such fees are paid.

### Courses

- Courses pursued through the Consortium Program must be courses not available at HU during the given semester.
- Undergraduate students are restricted to undergraduate level courses; Graduate students are restricted to graduate level courses.

- The total number of hours taken through the Consortium must not exceed forty percent of the total hours required for the degree.

## **Grading**

- All grades are submitted to HU's Consortium Coordinator, by the Consortium institution's coordinator and will be posted upon receipt. Consortium grades for Howard students are received in the Office of the Registrar and are recorded on the student's permanent academic record.
- Grade reporting for consortium courses may be delayed depending on the administrative processes of the home or visited institution.
- Consortium courses are not approved for audit grading.

## **Visiting Students**

- Visiting students should contact the Consortium Coordinator at their home institution for information regarding procedures and to complete required paperwork.
- Students may be responsible for contacting instructors and/or course departments for courses that require approval or permission.
- Students may be requested to submit academic transcripts prior to course registration approval.

# 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 another institution is 60 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 scores must be sent directly from the College Board to Howard University.
- AP credit hours are awarded by Howard University according to the [chart](https://howard.edu/registrar/transfer-credit-articulation-agreements) . Use this link: <https://howard.edu/registrar/transfer-credit-articulation-agreements>
- In each subject for which 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 the International Baccalaureate Examination provided the below conditions are met.

- Only HL (High Level) examinations are accepted for transfer credit consideration.
- Students must complete the Full Diploma to receive credit

- IB certificates must be submitted directly to Howard University via the [examination agency](#). High school transcripts are NOT considered for transfer credits.
- Scores of 4 or better on IB exam will result in awarding credits for the first level of the course.
- Scores 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

## Financial Information

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### 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 BisonHub.

## 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, direct bank payments (ACH) or wire transfer.

### Domestic Wire Transfer (*Within the United States of America*)

JPMorgan Chase Bank, N.A.

270 Park Avenue

New York, New York 10017

ABA/Routing Number: 021000021

Account Number: 770223839

For Credit to: Howard University Tuition & Fees

For Further Credit To: Student Name, Student's Howard ID number

### International Wire Transfer (*Outside of the United States of America*)

JPMorgan Chase Bank, N.A.

270 Park Avenue

New York, New York 10017

ABA/Routing Number: 021000021

Account Number: 770223839

Swift Code/Key: CHASUS33

For Credit to: Howard University Tuition & Fees

For Further Credit To: Student Name, Student's Howard ID number

*\*\* A \$35.00 fee will be charged for all reversed credit card payments.*

*\*\* Effective October 2022, the University will no longer accept personal checks, official checks, cashier checks, and/or money orders. We encourage you to utilize the payment methods mentioned above. For further assistance regarding this update, please contact [bursarhelp@Howard.edu](mailto:bursarhelp@Howard.edu).*

## 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.**

## Satisfactory Academic Progress 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 BisonHub 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)R has more than 12 hours of incomplete credits.

SAP Appeal forms are available to suspended students via BisonHub.

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 BisonHub 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 BisonHub 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 BisonHub 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.

<https://financialservices.howard.edu/satisfactory-academic-progress>

## Federal Financial Aid Unofficial Withdrawal Policy

Howard University is required by Federal Student Aid (e.g., Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work Study (FWS), and/or Federal Direct Student PLUS Loans) and report any student that was a recipient of federal student aid and who has unofficially withdrawn from the University. 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 ceases attendance 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 percent of the semester or term (e.g., module, mini-mester, or summer) will receive an adjustment to their federal financial aid (financial aid). This adjustment to a student's financial aid will be based on:

1. a percentage which represents the amount of time remaining in the semester
2. and will be applied to the total institutional charges assessed to the student,
3. 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 percent.

The University will refund the amounts due to the appropriate Federal Student Aid (FSA) program in the following order:

- Unsubsidized Federal Direct Stafford Loans
- Subsidized Federal Direct Stafford Loans
- Federal Direct PLUS Loans
- Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Other grants or loan assistance authorized by FSAV of the Higher Education Act (HEA).

The University will assume the responsibility for making the appropriate refunds to the FSA programs for overpayments received by the student, as well as overpayments received by the University. It is the student's responsibility to pay the University for these overpayments within 90 days of the date they withdrew from the University.

<https://financialservices.howard.edu/billing-payments/institutional-refundrepayment-policy>

## 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.

NOTE: THE ENROLLMENT FEE IS NON-REFUNDABLE.

<https://financialservices.howard.edu/billing-payments/institutional-refundrepayment-policy>

## 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 estimates includes tuition, fees, room, and food. It also considers basic living and commuting expenses. 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 <sup>1</sup>	\$32,878
	Mandatory Fees <sup>2</sup>	\$466
	Housing	\$10,570
	Meal Plan	\$5,904
	Subtotal	\$49,818
Indirect Cost Estimates		
	Books and Supplies	\$1,360
	Transportation	\$1,091
	Personal/Misc Expenses	\$2,361
	Total	\$51,450
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
	Estimated Cost of Attendance	\$55,704

<sup>1</sup>Based on full-time enrollment per semester. The estimated cost per credit hour is \$1,370

<sup>2</sup>Subject to change each academic year.

#### UNDERGRADUATE OFF-CAMPUS

Direct Cost Estimates	Description	Costs
	Tuition	\$32,878
	Mandatory Fees	\$466
	Housing	\$15,972
	Meal Plan	\$6,244
	Subtotal	\$55,560
Indirect Cost Estimates		
	Books and Supplies	\$1,360
	Transportation	\$2,887
	Personal/Misc Expenses	\$3,889
	Total	\$63,696
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

	Estimated Cost of Attendance	\$64,770
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Based on full-time enrollment per semester. The estimated cost per credit hour is \$1,370.

2Subject to change each academic year.

Please visit the [2023-2024 Estimate Cost of Attendance Website](#) for additional information.

## Official Notice of Student Charges 23-24

### Official Notice of Student Charges 23-24

# Academic Advising & Policies

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## General Academic Information

### Program of Study

Effective Fall 2013, a total of 120 credits are required for most baccalaureate degrees. General Education requirements were revised, effective Fall 2023. The typical program includes University General Education Requirements (approximately 30 credits), Major & School/College Requirements (60 - 81 credits), and Flexible Cluster (9-30 credits), which includes a range of options such as minors, concentrations, electives/technical electives, pre-professional requirements, and more. Specific requirements vary across programs.

### Knowledge of U.S. and Global African Diasporic Developments

Knowledge of U.S. and Global African Diasporic Developments is an Essential Learning Outcome (ELO) that must be met by all undergraduate students. This ELO is met by engaging in learning experiences and disciplines, including Black/African diaspora awareness, history, emerging trends, ways of life and institutions, intercultural knowledge, and cross-cultural comparative skills. Additional ELOs are outlined in the description of General Education Requirements.

### 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, Pass/Fail

Students who wish to change a course from credit to audit must complete official change requests through the Office of the Registrar. Signatures of approval of the academic advisor 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 Academic 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.

## 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 met by completing a series of courses, as determined by departments, in one or more closely related academic fields. Effective Fall 2023, a major typically includes 60 to 81 credits.

## 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 24 credits earned in one or more areas outside of the major.

## Elective

An elective is a course which students may choose to take for credit toward earning their degrees. Students should select electives in consultation with appropriate advisors.

## Program of Study Changes

Students seeking to change majors, minors, concentrations, or other academic programs of study must obtain approval with the appropriate advisors/designees in the respective schools and colleges and submit official change requests through the Office of the Registrar. Requirements for approval of program of study changes vary. Visit <https://howard.edu/registrar> for appropriate forms and more information.

## 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 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

#### 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 (C)	Grade	Grade Yield Points (G)	Grade Point Value (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 BisonHub.

### 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, 0; 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 degree granting 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**

The Academic Center for Excellence (ACE) provides formal and informal advising services to students who are enrolled in Howard University's College of Arts and Sciences and all transfer students. ACE also supports students across 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. ACE supports student development, self-discovery, self-efficacy, and academic behaviors that result in timely degree completion.

Visit <https://ous.howard.edu/> for more information.

# Registration

## Registration

All students must register for classes during the periods announced in the official University Academic Calendar. Students who fail to register will not be permitted to attend classes, and their names will not appear on official class lists. BisonHub 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 Office of the Registrar webpage at <https://howard.edu/registrar>.

## 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

## General Registration

General registration for each semester will commence on the stated dates in the University Academic calendar for all eligible currently enrolled students based on their student classification. Students are urged to register for classes as soon as possible. We also encourage students to take advantage of prompt registration, which includes the following benefits:

- Students have the opportunity to register for the classes they want before these classes reach their capacity.
- Students who have jobs or internships are able to select classes that work with their outside schedules.
- Students are able to select classes taught by their professors of preference.
- Students gain access to classes that are only offered in certain semesters.
- Students are able to register for all the classes they need to stay on track for graduation!

Students can access BisonHub via AccessHU, use the follow web address for hyperlinks to BisonHub - <https://accesshu.howard.edu/>

For further information about registration please visit the Office of the Registrar webpage at <https://howard.edu/registrar>.

# Withdrawal From a Course

The last day to withdraw from a course is published in the University Academic 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 can complete course withdrawals on BisonHub. Freshmen and students with holds that prevent registration will need to complete a [Course Withdrawal](#) form and obtain a signature from your academic advisor.

Mere absence from class does not constitute withdrawal. A properly executed Course Withdrawal Form, Total Withdrawal Form or BisonHub 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.

Please visit the Office of the Registrar website for more information about course withdrawals:  
<https://howard.edu/registrar/withdrawal>

## 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.)

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

## 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 only repeat a course once 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.

# Semester Grades

At the end of each semester, semester grades are available to students via BisonHub.

## 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 BisonHub 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 rematriculation 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 BisonHub 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 BisonHub.

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 BisonHub 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 BisonHub 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 Office of the Registrar Website: <https://howard.edu/registrar/withdrawal>.

Students considering a total withdrawal should note the following:

The effective date of the withdrawal will be the date on which the 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 Federal Student Aid (e.g., Pell Grant Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work-Study, Federal Direct Stafford and PLUS Loans, etc.). Adjustments to financial aid awards will be calculated according to 1. federal and 2. University fund guidelines based on the official withdrawal date as stated in the University Academic Calendar

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

Students who reside in University housing are required to checkout 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 apply for readmission 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.

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 confirmed 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 105 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

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### BisonHub

BisonHub 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 mailing, financial aid, or permanent addresses via BisonHub. Students are also encouraged to input emergency contact information as well as a preferred email address in BisonHub.

### 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 the Office of Undergraduate Studies (OUS) is to provide integrated academic excellence support along with career exploration and development programs to attain stellar persistence, retention, graduation, career, and post-graduate outcomes.

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
- Tutoring and learning support
- Professional development opportunities for staff and faculty advisers
- Honors and merit award support and coaching
- Academic mentoring
- New student orientation
- Transfer student support services
- Comprehensive career services
- Retention and re-enrollment support

### **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: 202-806-7416

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

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

Hours:

Fall and Spring Semester:

Monday - Thursday 8:30 a.m. to 4:30 p.m.

Friday 10:00 a.m. - 4:30 p.m.

Closed daily for lunch: 12:00 p.m. - 1:00 p.m.

Summer

Monday - Friday; 8:30 a.m. to 4:00 p.m.

Closed daily for lunch: 12:00 p.m. to 12:30 p.m.

Students may schedule an appointment by calling 202-806-7540 or clicking on the [Schedule an Appointment](#). When appropriate, telehealth appointments are also available.

## **After Hours Care**

Students with UHC-SR Insurance have access to Medical and Mental Health services through HealthiestYou 24 Hours a day. Please visit, [www.telehelp4students.com](http://www.telehelp4students.com) or you may call 888-870-8815.

Students with outside insurances, should contact their respective insurance providers for coverage.

## **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 campus resource to support your mental health.**

The University Counseling Service provides a variety of services to meet students' mental health needs at Howard University. Currently, we offer virtual or in-person services based on availability.

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, workshops and referrals for medication management. In some cases, UCS may refer students to providers and resources in the UCS referral network.

Appointments are scheduled by calling our main line at 202-806-6870 weekdays from 8am to 5pm est. During this initial call, an administrator will ask a few questions before setting up your intake appointment.

To start services, you will meet with a clinician 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. Virtual appointments are conducted on MS Teams and in-person appointments are held at our office location. Your intake interviewer will follow up with you regarding treatment recommendations, clinician assignments, and/or appropriate referrals.

### **University Counseling Service**

202-806-6870 - 8:00 AM to 5:00 PM

#### **Crisis Line:**

202-345-6709 - After 5:00 PM

#### **Location**

Harriet Tubman Quadrangle

2401 4th Street NW

Washington, D.C. 20059

## **Various Student Services and Support**

### **The Office of Student Accessibility (OSA)**

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

The Office of Student Accessibility (OSA) provides support to students with disabilities through programming and processing requests for reasonable accommodations. The Office is located at 500 Howard PI NW, Sublevel 1, Suite L013 Washington, DC 20059 Phone 202-238-2420.

The Office of Student Advocacy and Support (OSAS) <https://studentaffairs.howard.edu/office-student-advocacy-and-support>

The Office of Student Advocacy and Support (OSAS) provides aid to students experiencing difficulties and extenuating circumstances. Through a model of non-clinical case management, the office may assist students with challenges such as illness, hospitalization, bereavement, adjustment concerns and connecting with campus services.

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

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

The Office of Military & Veterans Services (OMVS) provides support for all military-connected students and their families including veterans/prior service, active duty, reservists, National Guard, ROTC, retirees, spouses, children and supporters in their educational goals.

Acting as liaison between the US Department of Veterans Affairs (USDVA) and the University, we assist with the processing of federal Veteran Affairs (VA) education benefits, certify enrollments to the VA, advise on procedural requirements, and provide a cultural resource for military-connected students on campus.

## **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.

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.

## 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.

For more information, contact the Office of the registrar at [registrar@howard.edu](mailto:registrar@howard.edu)

## Enrollment Verification

Enrollment verifications can be requested via BisonHub through the National Student Clearinghouse. Students who need proof of enrollment can access their enrollment certificate via BisonHub if they are officially registered for the term. Students can generate, save and print an enrollment verification directly from their computer. Students can also request an Advanced Registration enrollment certificate for future enrollment via BisonHub up to a month prior to the official start of classes.

Please follow the instructions below to access your enrollment verification.

- Log into Bison
- Select the "Student Services"
- Select the "Enrollment Verification Request"
- Select the radio button for either
- Current Enrollment
- All Enrollment (available for current and prior terms)
- Advanced Registration (available for students registered up to a month before a future term)
- 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.

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 [BisonHub](#), 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 BisonHub. 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 in which 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.

Transcripts reflect 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 BisonHub 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.

For further information about how to order a transcript please visit the Office of the Registrar website: <https://howard.edu/registrar/transcripts>

# Howard University Student Code Of Conduct and Judiciaries

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## Preamble

### HOWARD UNIVERSITY POLICY

**POLICY NUMBER:** 600-001 STUDENT CODE OF CONDUCT

**RESPONSIBLE OFFICERS:** Vice President for Student Affairs

Associate Vice President for Student Affairs, or Designee

Director of Student Conduct & Community Standards

**RESPONSIBLE OFFICE:** Office of Student Conduct & Community Standards

**EFFECTIVE DATE:** April 17, 2015 (Approved by Board of Trustees)

Conforming Amendments: February 2022, September 2022, August 2023

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 the values that inform the rules and regulations.

It is expected that student conduct will be in concert with, and supportive of, the University's mission, vision, central purpose, and core values. Examples of prohibited student behavior are described in this Student Code of Conduct ("Code"). Behaviors that indicate a violation of any provision contained within the Code will immediately be reported and referred to the University's Office of Student Conduct & Community Standards for prompt adjudication in accordance with the University's disciplinary process.

The rules and regulations contained in the Code apply to the following categories of individuals: ALL students, including all persons taking courses at the University, either full-time or part-time, undergraduate, graduate, professional and unclassified studies. Additionally, persons who

withdraw from the University after allegedly violating the Code, those who are not officially enrolled for a particular semester or term, but have a continuing relationship with the University, and those who have been notified of their acceptance for admission are also considered to be students under this Code. Finally, persons who are living in university residence halls, although not enrolled in this institution, are also considered students for purposes of the Code. These persons include, but are not limited to, new, continuing and transfer students; participants involved in pre-college or dual-enrollment programs; and those attending workshops, seminars, special classes, summer programs, athletic programs/events/activities, and/or camps affiliated with the University. Students living in off-campus housing and students involved in clinical rotations, practicum, internships, externships, or other activities directly involved with an academic program of study are also subject to the Code.

It is presumed that every student, from the date of their initial acceptance or affiliation with the University, has knowledge of University policies including, but not limited to, the Code, the Academic Code of Conduct, and the Title IX Policy. Students are also expected to know and abide by the policies and procedures contained in the H-Book, the Bulletin, the Student Reference Manual and the Directory of Classes. Therefore, it is the responsibility and duty of each and every student to become acquainted with all provisions contained in the Code. All students are deemed to have agreed to the Code and are required to adhere to the Code as a condition of their continued enrollment at the University.

## **Section I: Scope, Limitations, and Applicability of the Code**

The Code applies to any and all behavior occurring on any University property, at any University sponsored event, both on and off campus and at off-campus events hosted by individual students, student groups or organizations. It also applies to a number of other situations occurring off-campus including, but not limited to, incidents that involve students and occur at institutions that are part of the Washington Metropolitan Area Consortium of Universities and incidents that occur within the neighboring communities.

The actual daily administration, enforcement and operation of the University's judicial program are delegated to the Director of Student Conduct & Community Standards. This Code does not address academic offenses. Academic offenses will be addressed by the Dean of the appropriate school or college and/or the Provost and Chief Academic Officer. However, academic offenses may also be violations of the Code. In these instances, the Dean of the appropriate school or college and/or the Provost may recommend that the student also be adjudicated under the procedures set forth in the Code.

Any student who has committed a violation of the Code while off-campus will be subject to the judicial process upon receipt of either the filing of a complaint through submission of an Allegation of an Off-Campus Violation of the Howard University Student Code of Conduct form or referral of a student by a member of the University administration. The Allegation of an Off-Campus Violation of the Howard University Student Code of Conduct form may be obtained from the Director of Off-Campus Housing and Community Engagement or the Director of Student Conduct & Community Standards in the Office of Student Conduct & Community Standards (OSC). After review of the form or receipt of the student referral, the Director of Student Conduct & Community Standards will determine 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 off-campus entities, and non-violent domestic issues.

Depending on the severity or nature of the charge, students who violate the Code are subject to a wide range of disciplinary actions, up to and including suspension or expulsion; they may also be barred from all University-owned and operated 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/or willfully misuses the procedures of the Code to harm another member of the University Community shall be subject to disciplinary action.

The University may also take disciplinary action against any student convicted of, or charged with, a felony or misdemeanor, as delineated in Section V under the section pertaining to Students Charged with or Convicted of a Criminal Act. In the event a student is arrested for a felony or misdemeanor charge, it is the responsibility of that student to immediately inform the University's Associate Vice President for Student Affairs of the arrest. Failure to do so may result in disciplinary action up to and including suspension or expulsion.

## Section II: Cooperation with Law Enforcement Authorities

The University cooperates fully with law enforcement authorities. Therefore, violations of the *Code* that are also violations of federal or local law may be referred to the appropriate non- University law enforcement authority. Proceedings under the *Code* may be carried out prior to, simultaneously with, or following civil or criminal proceedings. Determinations made or sanctions imposed under the *Code* shall not be subject to change because criminal charges arising out of the same or similar facts were dismissed, reduced, or resolved in favor of the criminal law defendant.

The Howard University Department of Public Safety (HU-DPS) works closely with local law enforcement agencies, particularly the Washington, DC Metropolitan Police Department (MPD). However, Commissioned HU-DPS 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 and does not condone any means of protest that interferes with the legitimate rights of others. Additionally, in the event a student is arrested during a protest, the University will not be responsible for securing their freedom or providing the student with legal services or advice.

### 1. General Rights and Freedoms

Students shall have the following rights and freedoms:

- A. As members of the University Community, all students are guaranteed freedom of expression, inquiry and assembly; the right to form a student government; the right to organize groups; the right to join associations in support of any cause or common interest; and the right to peacefully protest, provided that such activity is conducted in a reasonable manner, does not abridge the rights of others and is carried out in accordance with local and/or Federal law as well as University rules and regulations.
- B. 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 from invidious harassment, discrimination, or intimidation.
- C. Students have a right to privacy in accordance with the provisions established by the Family Educational Rights and Privacy Act of 1974 (FERPA).

D. 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*, the *Title IX Policy* and 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:

A. To have access to all University policies and procedures regarding the functioning of the disciplinary process.

B. To be informed of and to have explained, as required, the pending charges.

C. To be free from intimidation and retaliation by university employees in the resolution of disciplinary matters.

D. When a complaint alleges a violation of the University's *Title IX* policy, the case will be governed by the University's *Title IX* policy.

E. To be free from searches or seizures unless these actions are necessary based upon reasonable cause by appropriate University or law enforcement officials. In accordance with written procedures approved by the Vice President for Student Affairs, searches and seizures may be made or requested by the Vice President for Student Affairs or their designee, the Director of Residence Life or their designee, University Cabinet officers, counsel in the University's Office of General Counsel and/or Howard University Police.

F. 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:

A. To read, become familiar with and adhere to the *Code*, the *University's Code of Ethics and Conduct*, the *Title IX Policy*, the *Student Reference Manual*, the *H-Book*, the relevant academic Bulletin of the school or college in which the student is enrolled and any and all other relevant and pertinent University policies.

B. To respect the personal and property rights of others and to act in a responsible manner at all times.

C. To protect and foster the intellectual, academic, cultural, social, and other missions of the University.

D. To observe the laws of local, state, and federal governments.

# Section IV: Process for Enforcement of the Code

## 1. Filing a Complaint

Any student who has been charged with committing a violation of the *Code* will be subject to the judicial process upon receipt of the filing of a complaint through submission of an *Allegation of a Violation of the Howard University Student Code of Conduct* form, a referral of a student by a member of the University administration, a *Request for Resolution of an Alleged Violation of the Student Code of Conduct* form, a written Incident Report taken by the Department of Public Safety.

If a student wishes to file a complaint against another student for a violation of the *Code*, the Complainant must review the *Code* to determine the specific provisions the Accused Student violated. The Complainant

must then obtain, complete, and submit to the Director of Student Conduct & Community Standards either an *Allegation Violation of the Howard University Student Code of Conduct* complainant form or an *Alleged Violation of the Student Code of Conduct* respondent form. More than one provision of the *Code* may be cited in the complaint form. The forms are available in the Office of Student Conduct & Community Standards (OSC).

The appropriate form must be submitted within five (5) calendar days of the date upon which the incident and/or interaction with the Accused Student occurred or within five (5) calendar days of when the Complainant knew or had reason to know about the alleged Code violation. Alleged *Code* violations supplied on forms submitted after this five (5) calendar day period will be evaluated by the Director of Student Conduct & Community Standards on a case-by-case basis and will only be adjudicated if extenuating circumstances are present.

Once the appropriate form has been submitted to the Associate Vice President for Student Affairs or Director of Student Conduct & Community Standards, the Accused Student will receive written notice from the Director of Student Conduct & Community Standards. The notice will be sent to the student, in writing, via certified mail or email. The Director of Student Conduct & Community Standards will use their best efforts to contact the Accused Student at their local and/or permanent address as well as at any and all email addresses the University has on file. The notice will contain information regarding the alleged violation; it will also request that the Accused Student report to the Director of Student Conduct & Community Standards within forty-eight (48) hours of receipt of the notice for an initial in-take interview.

## **2. Administrative Action on Allegations of Violations of the Code: The Investigation and Hearing Processes**

Following the initial in-take interview, the Director of Student Conduct & Community Standards will assess whether the alleged behavior may be a violation of the *Code*. If a determination is made that a violation of the *Code* may have occurred, the Complainant(s) and the Accused Student(s) will be contacted by the Director of Student Conduct & Community Standards no more than five (5) business days after receiving the completed *Allegation of an Off-Campus Violation of the Howard University Student Code of Conduct* form or the *Request for Resolution of an Alleged Violation of the Student Code of Conduct* form. Both the Complainant(s) and the Accused Student(s) are expected to respond within forty-eight (48) hours of being contacted by the Director of Student Conduct & Community Standards. However, if the Accused Student(s) fails to respond within five (5) business days of the date of the communication, the Director of Student Conduct & Community Standards will proceed with scheduling and convening a hearing to resolve the matter.

After each individual is contacted by the Director of Student Conduct & Community Standards, both the Complainant(s) and the Accused Student(s) will be required to submit individual written Incident Statements outlining the events and/or incidences that led to the complaint that is now before the Director of Student Conduct & Community Standards. This written account of the incident must be submitted to the Director of Student Conduct & Community Standards no later than five (5) business days of speaking and/or meeting with the Director of Student Conduct & Community Standards. Upon written request to the Director of Student Conduct & Community Standards, the Complainant(s) and/or the Accused Student(s) may request that their full written account be submitted to University Police so that it may be substituted for their incident statement. The Incident Statements of the Complainant(s) and Accused(s) will be shared with both parties, upon written consent of both parties.

The Incident Statement provides the Accused Student(s) with an opportunity to provide their response to the allegation and to submit any and all related information that may support their version of the facts. Within the Incident Statement, the Accused Student(s) will also have an opportunity to plead "Responsible" or "Not Responsible" to the allegations presented in the Complaint.

If the Accused Student(s) indicates that he or she is “Not Responsible” for violating the *Code*, the case will automatically be sent to an Administrative Hearing Officer or an Administrative Hearing Panel for a hearing. After the case has been sent to an Administrative Hearing Officer or Administrative Hearing Panel, the Accused Student(s) and the Complainant(s) will receive written notification of the date, time and place of the hearing no more than ten (10) business days after pleading “Not Responsible”.

If the Accused Student(s) indicates that he or she is “Responsible” for violating the *Code*, the case will be sent to the Director of Student Conduct & Community Standards for a determination regarding appropriate sanction(s) to be imposed. Once the Director of Student Conduct & Community Standards has determined the appropriate sanctions for the Accused Student(s), both the Complainant(s) and the Accused Student(s) will be notified of the sanction(s), in writing. The Accused Student(s) may appeal the sanction(s) handed down by the Director of Student Conduct & Community Standards by submitting a written notice of appeal to the Associate Vice President for Student Affairs. The appeals process is outlined in Section IV, Paragraph 3 below.

### **A. Administrative Hearings**

An Administrative Hearing may be employed in any of the following circumstances:

- 1) When a student is charged with a *Code* violation that does not merit indefinite suspension, withdrawal, or expulsion.
- 2) When the nature of the case is such that the Director of Student Conduct & Community Standards, the Associate Vice President for Student Affairs, and the Complainant(s) believe that the best interest of the student and/or the University would be served by using an Administrative Hearing. If the Complainant or the Accused Student objects to use of an Administrative Hearing, either party may appeal this decision, in writing, to the Associate Vice President for Student Affairs, within five (5) calendar days after receiving written notice of the Administrative Hearing. The Vice President for Student Affairs shall render a decision within three (3) business days after receiving the written notice of appeal.

The Director of Student Conduct & Community Standards or the Associate Vice President for Student Affairs reserve the exclusive right to determine which cases will be heard through the Administrative Hearing process and whether these cases will be heard by an Administrative Hearing Officer or an Administrative Hearing Panel. In most cases, the adjudication of alleged violations of the *Code* will be conducted by a duly appointed Administrative Hearing Officer. However, in cases that involve charges that may result in a possible indefinite suspension, withdrawal or expulsion, an Administrative Hearing Panel will be convened.

Administrative Hearing Officers shall be selected by the Director of Student Conduct & Community Standards from a pool of qualified and trained administrative staff and faculty members. The Administrative Hearing Officer is responsible for reviewing all of the relevant information, conducting a hearing, rendering a decision of responsible or not responsible and making recommendations for sanctions, if any, to the Associate Vice President for Student Affairs or Director of Student Conduct & Community Standards. The Hearing officer shall be the sole judge of the relevancy and admissibility of evidence presented for consideration.

### **B. Hearing Particulars**

#### 1) Notification of Hearing

Once it has been determined that a matter will be adjudicated before an Administrative Hearing Officer or Administrative Hearing Panel, the Director of Student Conduct & Community Standards shall provide the Hearing Officer or Hearing Panel, the Accused Student(s), and the Complainant(s) with a written hearing notice. This notice will contain the date, time and location of the scheduled hearing and will be sent no less than ten (10) business days prior to the hearing date (excluding holidays and University closure days). The hearing notice shall also inform both the Complainant(s) and the Accused Student(s) that they are responsible for



contacting their own witnesses, informing them of the hearing particulars, and ensuring their attendance at the hearing. Such notification shall be hand-delivered, mailed, e-mailed or delivered to the local address of record. In the event any party to the hearing elects to present witnesses, he or she must submit a witness list to the Director of Student Conduct & Community Standards at least two (2) business days prior to the hearing. Upon request, copies of the witness list will be made available to the parties.

Please note, upon request, excused absence letters for students who miss class due to participation in a disciplinary procedure will be provided for students to submit to their professors.

#### 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, they must notify the Director of Student Conduct & Community Standards as soon as this information is known. If such a request is made, written documentation of the extenuating circumstances must be provided. Failure to adhere to this policy may result in the imposition of additional disciplinary action and/or the University conducting the proceeding without the benefit of the absent person's participation.

#### 3) Postponement

A one-time request for postponement by either the Accused Student or the Complainant(s) may be considered by the Director of Student Conduct & Community Standards and granted only when it is determined that there is a compelling reason for the delay. If the postponement is granted, the Director of Student Conduct & Community Standards 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) 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 in accordance with the timeline established herein.

In those situations when an Officer of the Howard University Department of Public Safety takes a report and/or investigates an incident relevant to the proceeding, OSC, 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 the Hearing Officer or the Hearing Panel determines that the Officer's presence will facilitate the finding of facts. The Complainant or the Accused Student should contact the Howard University Public Safety Officer directly to make such a request. The student making such a request must also notify the Director of Student Conduct & Community Standards that this request has been made.

#### 5) Document Access

Both the Accused Student(s) and the Complaint (s) shall have reasonable access to all of the relevant case documents that are maintained in the Office of Student Conduct & Community Standards.

Documents shall also be available for review by the Hearing Officer or members of the Hearing Panel prior to a hearing. Any documents prepared by the Director of Student Conduct & Community Standards, all documents submitted during the hearing and any written and/or oral statements related to a matter are considered to be the record and all of these documents will be reviewed by the Hearing Officer or the Hearing Panel in an administrative hearing proceeding.

#### 6) Briefings and Consultations

Prior to the administrative hearing proceeding, Hearing Officers or members of the Hearing Panel will be briefed by the Director of Student Conduct & Community Standards on factual and procedural matters.

#### 7) Failure to Attend

A student who fails to attend a scheduled hearing, after receiving notice that they have been accused of violating the *Code* and after receiving appropriate notification of the hearing, may be subject to further disciplinary action by the Associate Vice President for Student Affairs. Under these circumstances, the Hearing Officer or the Hearing Panel may elect to proceed with the hearing without the Accused Student and render a decision based on the evidence presented.

A witness with evidence critical to any adjudication process related to a violation of the *Code*, who refuses to attend a scheduled hearing, after being called by the Director of Student Conduct & Community Standards, a Hearing Officer, or the Hearing Panel and receiving reasonable notification of a hearing may be subject to disciplinary action.

#### 8) Closed Hearings

All hearings are closed. Therefore, only those persons directly involved, to include the Accused Student, the Complainant, staff, witnesses and University counsel, when appropriate, may be present, unless the Hearing Officer or Hearing Panel, in consultation with the Director of Student Conduct & Community Standards, determines otherwise.

#### 9) Rules of Evidence and Legal Representation

Any disciplinary proceeding related to alleged violations of the *Code* are not subject to the formal rules of process, procedure, and/or evidence, as utilized and applied in criminal or civil court proceedings. These are internal proceedings that will be governed by the rules and regulations contained herein. Additionally, these proceedings do not use the same evidentiary standard used in a court of law. Rather, any decision made by a Hearing Officer or Hearing Panel is based solely on whether the record makes it more likely than not that the charges are true and the *Code* was violated.

Please note, prior to any administrative hearing, both the Accused Student(s) and the Complainant(s) may consult with their own personal legal counsel to prepare for the hearing. However, attorneys are not permitted to attend and/or participate in any disciplinary hearing; they also cannot represent a student at a hearing. A student may, however, elect to have a peer advisor present at their hearing. The peer advisor shall serve in an advisory capacity only. Advisors are not permitted to speak and/or directly participate in the hearing. Peer advisors must be current students in good academic, disciplinary and financial standing with the University.

#### 10) Burden of Proof

The Complainant carries the burden of proof to establish that the Accused Student violated the *Code*. The Accused Student should be prepared to respond to all charges and evidence presented against him/her with witnesses and/or documents, as appropriate.

#### 11) Scope of Evidence Considered in a Disciplinary Hearing

The Hearing Officer or the Hearing Panel shall be the sole judge of the relevancy and admissibility of any and all evidence presented for consideration.

#### 12) Role of the Administrative Hearing Officer and Hearing Panel

The Administrative Hearing Officer and the Hearing Panel are responsible for conducting the hearing in a fair and impartial manner and for recommending such action(s) as necessary to sanction, control and prevent disruptive or inappropriate behavior.

### 13) Steps in the Hearing

Each hearing shall follow a standardized format. Copies of the procedures may be secured from the Director of Student Conduct & Community Standards in the Office of Student Conduct & Community Standards.

### 14) Deliberation, Decision Making and Reporting Results

- a. The Hearing Officer/Hearing Panel shall consider all information contained within the record.
- b. The Hearing Officer/Hearing Panel shall prepare a written report including any recommended sanctions and submit the report to the Director of Student Conduct & Community Standards no later than five (5) business days after the date of the hearing.
- c. Any sensitive information considered by the Director of Student Conduct & Community Standards in determining appropriate sanctions for the Accused Student(s) 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. Under these circumstances, the results of the University's disciplinary proceedings as well as any sensitive information regarding the Accused student will be disclosed.

## **C. Notification of Hearing Outcome**

The Associate Vice President for Student Affairs shall review the recommendations of the Administrative Hearing Officer/Hearing Panel and the Director of Student Conduct & Community Standards and shall make a final determination regarding which sanctions to render, when applicable. Both the Accused Student(s) and the Complainant(s) will be notified of the hearing outcome within ten (10) business days of the date the Director of Student Conduct & Community Standards receives the written report. If it is determined that a student is Responsible for violating the *Code*, the Director of Student Conduct & Community Standards shall prepare a written memorandum setting forth the decision and any sanctions imposed. The Complainant(s) will be notified of the hearing outcome but not of the specific action taken against the Responsible Party, in accordance with the provisions of the Family Educational Rights and Privacy Act. Please note, the Associate Vice President for Student Affairs reserves the right to delay notification when it determines that such delay is in the best interest of the University. Under these circumstances, the Director of Student Conduct & Community Standards will notify both the Accused Student(s) and the Complainant(s) of the University's determination and provide an anticipated date for notification.

When deemed necessary or appropriate, relevant University officers, officials, units and organizations will also receive notification of hearing outcomes and sanctions.

## **3. Process for Appealing a Disciplinary Hearing Decision**

### **A. Criteria for an Appeal**

A student found Responsible for violating the *Code* may appeal the finding and/or the sanctions imposed. An appeal is not an opportunity to have a new hearing on the matter. As such, an appeal will only be granted under the following circumstances:

#### 1) Procedural Error

An appeal request will be granted when 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

An appeal request will be granted when 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 being denied a fair hearing outcome.

## 3) New Evidence

An appeal request will be granted when relevant new evidence has surfaced that could materially affect the decision or finding of the Hearing Panel/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

An appeal request will be granted when the sanction levied against the Responsible party is manifestly unjust because it is overtly disproportionate to the offense.

### **B. Process for Filing an Appeal of Disciplinary Action**

The student found Responsible of violating the *Code* must submit an *Appeal of Disciplinary Action* form to the Director of Student Conduct & Community Standards within five (5) business days of receiving the written notice of hearing outcome. The form should be typewritten or printed very legibly, with an attached statement of no more than five double-spaced pages in length. The statement must clearly specify the grounds on which the appeal request is being submitted and it must be accompanied by any relevant supporting documentation. Each case may be appealed only once.

### **C. Appeal Review Process**

Upon receipt of the *Appeal of Disciplinary Action* form and all supporting documentation, the Director of Student Conduct & Community Standards will forward the appeal request to the Vice President for Student Affairs or designee, who shall serve as the Administrative Appeal Officer. The Officer 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 Officer so rules, they will set up an appeal hearing and notify the parties of its date, time, and location.

### **D. Appeal Hearing**

Appeal hearings will be limited to a presentation of evidence by the appellant that directly addresses the grounds for the appeal. No witnesses may be called. Appeal hearings will follow a standardized format.

### **E. Remedies on Appeal**

Once the appeal requested is granted, the Administrative Appeals Officer may take one of the following actions:

- 1) Affirm the findings of the original Hearing Officer/Hearing Panel.
- 2) Affirm the findings but change the sanction(s) levied.
- 3) Overturn the findings of the original Hearing Officer/Hearing Panel and remand the matter to the original Hearing Officer/Hearing Panel for a new hearing.

### **F. Notification of Finding**

Upon reaching a final resolution regarding the appeal review, the Administrative Appeals Officer will notify the Associate Vice President for Student Affairs of the results of the appeal review within ten (10) business days of the decision. If necessary, the Associate Vice President for Student Affairs may extend this timeline, when an extension is requested by the Administrative Appeals Officer. Within five (5) business days, the Associate Vice President for Student Affairs will inform the Appellant and the Complainant of the appeal decision. If the case is remanded for a new hearing, the Director of Student Conduct & Community Standards will contact the student about that new hearing.

### **G. Limitations**

- 1) Each case may be appealed only once. Therefore, the finding of the designated Administrative Appeal Officer 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 Associate Vice President for Student Affairs.

### **H. Stay of Sanction(s) During the Appeal Process**

The Associate Vice President for Student Affairs will determine if the sanction(s) imposed on an appellant will be stayed during the appeal process.

## **Section V: Emergency Action Suspension and Involuntary Administrative Withdrawal**

### **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 Associate Vice President for Student Affairs.

On rare occasions, this authority may be exercised to protect a student's own physical or emotional safety and well-being; University property; 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 Associate Vice President for Student Affairs may take emergency administrative action to immediately suspend a student's enrollment. In these instances, the student will be notified of this action, orally and/or in writing and apprised of the reasons for the suspension. An Emergency Action Suspension Hearing (EASH) will be held as soon as one can be convened, but no more than thirty (30) calendar days from notification of action. The purpose of the EASH will be to determine whether the student may remain enrolled at the University while they await a regular Disciplinary Hearing, as described in Section IV of the *Code*. The EASH notice will include the time, date and location of the hearing.

### **2. Involuntary Administrative Withdrawal**

In situations where the University cannot effectively monitor or control the conditions or behaviors of a student, it reserves the right to effect a Total Involuntary Administrative Withdrawal. In circumstances where the mental, emotional and/or physical welfare of the student is in jeopardy, or where the student's behavior and conduct present an imminent danger or threat to the individual student, other members of the University Community or the University Community at-large, it may become necessary to take emergency action to temporarily or permanently separate a student from the campus community. Further, in these instances, the University reserves the right to contact the student's parent, guardian, and/or next of kin, in accordance with the Family Education Rights and Privacy Act), which 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 lack of good judgment, suicidal behavior, self-destructive behavior, or has untreated or uncontrollable medical or mental conditions which result in actual or possible imminent danger of injury to self or members of the University Community; (b) demonstrates an inability, without adequate care, to satisfy personal needs, including activities of daily living, nourishment and maintenance of shelter; (c) demonstrates 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 or interferes with the educational process and/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 Withdrawal, a student may be barred from the campus and denied access to classes and classrooms, residence halls and University events and activities; student may also be denied other privileges to which they might otherwise be entitled and eligible to receive, as the Associate Vice President for Student Affairs may determine to be appropriate. In making this determination, the Associate Vice President for Student Affairs will consult with appropriate University administrators and health care professionals including, but not limited to, the Director of the University Counseling Service, the Medical Director of the Student Health Center, the Director of the Interpersonal Violence Prevention Program, members of the University's Behavioral Threat Assessment Team and appropriate staff in the Howard University Hospital.

### **3. Timeline of Process for Emergency Action Suspension and Involuntary Administrative Withdrawal**

Howard University will schedule a hearing within thirty (30) calendar days of the student's Emergency Action Suspension or Involuntary Administrative Withdrawal. Once the hearing date has been set, the Associate Vice President for Student Affairs will provide the student with a written notice specifying the reason for the Emergency Action Suspension or Involuntary Administrative Withdrawal as well as the date, time, and place of the hearing. During the hearing, appropriate University personnel may be present and/or consulted. Additionally, parents, spouses and/or any persons who would be of support to the student may, with the express written consent of the Associate Vice President for Student Affairs and the verbal consent of the student, participate in the hearing. As this University hearing is an internal proceeding, attorneys are excluded from appearing at or sitting in the hearing; however, they may accompany their client/the student to the hearing and sit outside in the waiting area until the hearing has concluded.

Prior to the start of the hearing, any student who has been subject to Emergency Action Suspension or Involuntary Administrative Withdrawal must provide medical documentation from a licensed physician to the Associate Vice President for Student Affairs, as stipulated in the Withdrawal Notice. Upon receipt, the hearing will begin. The University will first present the reason for the student's Emergency Action Suspension or Involuntary Administrative Withdrawal, the alleged violations of university policy and evidence supporting these claims. The student will then have an opportunity to respond and present any documentation that may support their response. Finally, if the student has any witnesses they would like to present, the witnesses may

provide their statements after the complainant has presented their case. Please note, a complainant must provide the Associate Vice President for Student Affairs with a written list of witnesses within five (5) business days of receiving the notice of hearing. Following witness statements, the hearing will conclude.

The Associate Vice President for Student Affairs will then notify the student of the decision and the basis for the decision, in writing, within ten (10) business days of the hearing. If it is determined that the student does not present a threat to themselves or others, the student will be permitted to return to campus, resume their studies and continue as a student. If the University decides that the Emergency Action Suspension or Involuntary Administrative Withdrawal shall remain in effect, the communication will indicate the minimum length of time this action will remain in effect and what, if any, stipulations govern their return to the University. Such stipulations may include, but are not limited to, providing the University with written documentation from a certified healthcare professional indicating that the student is able to return to the University. In the event it is decided that the Suspension or Withdrawal action remain in effect, the Associate Vice President for Student Affairs and the Behavioral Health Committee shall meet to discuss the student's desired return to the University.

#### **4. Process for Appealing an Emergency Action Suspension or Involuntary Administrative Withdrawal**

A student wishing to appeal their continued Emergency Action Suspension or Involuntary Administrative Withdrawal must submit a written letter of appeal to the Vice President for Student Affairs within ten (10) business days of receiving notice of the final hearing decision. The letter of appeal must outline all of the reasons the student is seeking an appeal and the student should also submit any additional accompanying information that may support this appeal request. Upon receipt, the Vice President for Student Affairs will request all documentation presented during the hearing, the hearing report and the hearing outcome, as well as any reports submitted by both internal and/or external healthcare professionals. Please be advised that the Vice President for Student Affairs may also contact the internal and/or external healthcare professionals to obtain their written response to the information provided in the student's letter of appeal, when appropriate.

Additionally, prior to rendering a final decision on the appeal request, the Vice President for Student Affairs or Associate Vice President for Student Affairs may require the student, at their own expense, to obtain a psychiatric/medical evaluation from appropriate medical professionals external to the University; the student will then be required to provide the Vice President for Student Affairs or Associate Vice President for Student Affairs with a written report detailing the medical professional's findings. During the appeals process, the Office of the General Counsel may be consulted for legal advice before the Vice President for Student Affairs or Associate Vice President for Student Affairs render a final decision regarding the appeal request.

Once the Vice President for Student Affairs or Associate Vice President for Student Affairs render a decision regarding the appeal, that decision is final and there shall be no further appeal of the decision.

#### **5. Emergency Action Suspension of Students Charged with a Criminal Act**

Depending on the nature of the allegations, a student charged with either a misdemeanor or a felony crime by any local, state, or federal entity may be subject to an Emergency Action Suspension by the Associate Vice President for Student Affairs.

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 any pending civil or criminal litigation and/or criminal arrest and prosecution. Proceedings under this *Code* may be carried out prior to, simultaneously with, or following any civil or criminal proceedings at the sole discretion of the Associate Vice President for Student Affairs. Determinations made and/or sanctions imposed under this *Code* shall not be subject to change simply because the criminal charges that were also violations of the *Code* were dismissed, reduced or resolved in favor of the criminal defendant.

The Emergency Action Suspension of a student charged with a criminal act will occur only in situations where the University determines that the charged student poses a risk of substantial harm to the health, safety or welfare of the student, other individuals or the University Community or where the University must act to prevent the threat of disruption of, or interference with, the normal operations of the University. This individualized assessment shall be based on a comprehensive assessment of the elements of the crime, the nature of the charge and the best available objective evidence. This assessment shall be conducted by the Office of General Counsel and the Behavioral Threat Assessment Team. Emergency Action Suspension review will consider:

- The nature, duration, and severity of the crime;
- The risk of harm the student charged with the criminal act poses to University property and to other members of the University Community;
- The likelihood that the potential harm will occur; and
- Whether reasonable modifications of University policies, practices, or procedures will sufficiently mitigate the risk.

### **A. Timeline of Process for Emergency Action Suspension of Students Charged with a Criminal Act**

Howard University will schedule a hearing within thirty (30) calendar days of the student's Emergency Action Suspension. Once the hearing date has been set, the Associate Vice President for Student Affairs will provide the student with a written notice specifying the reason for the Emergency Action Suspension as well as the date, time, and place of the hearing.

After being duly notified of the scheduled disciplinary hearing, if the charged student is unable to appear due to incarceration or incapacitation, the student may submit a written request to the Associate Vice President for Student Affairs asking that the disciplinary hearing be postponed and rescheduled for a later date when he or she is able to appear, even if that date is after the conclusion of the criminal proceedings. Please note that a student may be suspended or expelled prior to the final resolution of their criminal matter.

At all times, the student has an affirmative duty to notify the University of any status changes in their criminal matter. At a minimum, students are required to provide a written update to the Associate Vice President for Student Affairs every three (3) months. If a student fails to provide such notice or fails to communicate with the University within this time frame, the University will take measures to move for the student's permanent expulsion.

### **B. University Decisions upon Criminal Conviction**

It is the University's policy that a student convicted of a felony shall be immediately expelled from the institution, irrespective of the student's current enrollment status. Once a student is expelled, the decision is final and may not be appealed.

A decision about the continued enrollment of any student convicted of a misdemeanor will be made on a case-by-case basis by the Associate Vice President for Student Affairs. This decision may be appealed to the Vice President for Student Affairs. A student wishing to appeal the decision of the Associate Vice President for Student Affairs must submit a written letter of appeal to the Vice President for Student Affairs within ten (10) business days of receiving notice regarding continued enrollment. The letter of appeal must outline all of the reasons the student is seeking an appeal and the student should submit any additional accompanying information that may support this appeal request. Upon receipt, the Vice President for Student Affairs will request any and all documentation the Associate Vice President for Student Affairs used to render a decision about the student's continued enrollment and review the entire file. During the appeals process, the Office of



the General Counsel may be consulted for legal advice before the Vice President for Student Affairs renders a final decision regarding the appeal request. Once the Vice President for Student Affairs renders a decision regarding the appeal, that decision is final and there shall be no further appeal of the decision.

## Section VI: Prohibited Behaviors

The following is an illustrative list of the types of conduct, including actual conduct and attempts to engage in such conduct that are strictly 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*. The Prohibited Behaviors below are listed in alphabetical order, not in order of severity.

### 1. Alcoholic Beverages

The University prohibits the unauthorized possession, use or distribution of alcoholic beverages. The University enforces all local and federal laws or regulations that regulate and control the sale or use of alcohol. Howard University is a dry-campus and therefore has a zero-tolerance policy regarding the possession, distribution, or consumption of alcohol, except when possession, distribution or consumption has been explicitly approved, in writing, by the President or their designee. When possession, distribution or consumption is approved, the University limits these on-campus activities to specified areas and to persons of legal age.

At all times and under all circumstances, underage drinking is strictly prohibited; it is not permitted or sanctioned by the University. The University's Alcoholic Beverages Regulations and Guidelines under the *Code* are as follows:

- A.** Under no circumstances will alcoholic beverages be provided to anyone under 21 years of age. The sale, service, possession, or consumption of an alcoholic beverage is expressly prohibited, unless approved, in writing, by the President or their designee for students over 21 years of age.
- B.** Consumption and/or possession of alcoholic beverages in the residence halls is strictly prohibited.
- C.** Aiding or abetting an underage person in the purchase of alcoholic beverages or providing an underage person with alcohol is strictly prohibited.
- D.** Student organizations affiliated with schools and colleges may not serve alcoholic beverages at events without express written approval from the President or the Vice President for Student Affairs. Prior to receiving consent, all organizations must submit a written request to serve alcoholic beverages to the Vice President for Student Affairs. All requests will contain information regarding the event, its location, potential attendees, and the manner in which alcohol consumption will be controlled to prevent underage drinking. If the request is approved, the written approval will clearly articulate all terms and conditions regarding possession and consumption. Approval will be given only for those students over 21 years of age. If approved, alcoholic beverages may not be consumed outside of the designated areas for the event. If violations occur, the student organizational leadership, along with the coordinator(s) of the event, may be charged under the Code.
- E.** Student organizations serving alcoholic beverages at off-campus events may not identify these events as university-sponsored or sanctioned events.
- F.** Disorderly conduct due all or in part to being under the influence of alcohol is strictly prohibited.
- G.** Possession of an open alcohol container in a public area is strictly prohibited.
- H.** Consumption of alcohol in a public area on the campus is strictly prohibited.

After consuming alcoholic beverages, students must assume full responsibility for their conduct as it relates to the need to exercise good judgment, consume in moderation, respect the rights of others, and the need to abide by and comply with the legal regulations of the jurisdictions involved.

## **2. Assault**

Assault is 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 that would give a reasonable person a reason to fear bodily harm. An assault may be committed without actually touching or striking another, or without actually inflicting or committing bodily harm. Self-defense may be a mitigating factor to this charge, depending on the circumstances.

## **3. Battery**

Battery is an encounter in which one person threatens to initiate and/or actually engages in physical contact with another person through use of weapons, body parts or other objects, use of blows or other acts of violence that may include pushing, shoving and other acts of physical abuse. Self-defense may be a mitigating factor to this charge, depending on the circumstances.

## **4. Contempt of, or Interference with, Any Disciplinary Program, Actions or Activities**

Failure to respect the disciplinary program or process, including failure 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, breaching any confidentiality requirements or in any way interfering with the hearing or disciplinary process of any disciplinary board or administrative hearing may be a violation of the *Code*. Additionally, acting or behaving in a threatening or harassing manner towards hearing participants or panelists before, during or after a hearing or disciplinary process may result in disciplinary action.

## **5. Contracts**

Students, in their individual capacity or in their capacity as representatives of a student group or organization, 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.

## **6. Discrimination**

**A.** Engaging in verbal or physical behavior that, according to a person of reasonable sensibilities, is likely to create an intimidating or demeaning environment that infringes upon the ability of other students, faculty and/or staff to access or receive the educational benefits available to them as a member of the University Community. The University prohibits such behavior directed at an individual or group based upon a protected class. Protected classes include national origin, race, color, age, gender, ethnicity, disability, creed, religious beliefs, political affiliation, personal appearance, family status sexual orientation, gender identity or gender expression. The Code also prohibits hate crimes, as defined in the District of Columbia Code.

**B.** 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.

## **7. Disruptive Conduct**

**A.** Acting in a manner that impairs, interferes with, or obstructs the orderly conduct, processes, or functions of the University or that interferes with or negatively impacts any person or persons in the classroom or on university owned or operated property or at any University-sponsored event.

**B.** Student behavior, communications, and/or attire may be considered disruptive to the University and/or to members of the University Community. Under this policy, disruptive behavior includes, but is not limited to, use of electronic devices such as pagers, cell phones, video games, iPods, Walkman, personal music players, or computers or tablets for non-educational purposes in the library or computer labs, during class sessions, laboratory or clinical practicums, study hall or clerkships/internships and/or during periods of academic and classroom instruction, testing, remediation, or tutorial assistance. This provision also applies to students who engage in disruptive behaviors or communications with an instructor, such as swearing or cursing, as this type of behavior impedes the ability of the instructor to carry out their professional duties and responsibilities.

**C.** Disruptive conduct may also include the wearing of apparel or clothing that is lewd, lascivious, profane or sexually explicit and/or attire that conveys messages in print or in picture form that are profane, vulgar, patently offensive, racist or discriminatory and disrupts any aspect of the daily operations of the University.

**D.** Students residing in off-campus housing, either University-owned or non- University owned, may not disturb the peace and quiet enjoyment of their neighbors by creating a community disturbance. Community disturbances include, but are not limited to: maintaining a noise level, at late hours, that is unduly loud and continual; causing vehicular congestion that would impede both emergency and non- emergency vehicles from passing; illegal parking in alleys and on streets; engaging in lewd or indecent behavior; creating or engaging in activity that generates large crowds of guests; engaging in disorderly behavior that disrupts the regular or normal functions of the community in which you reside or which breach the peace or violate the rights of others; participating in illegal activity, to include the use of drugs, dumping of trash and other violations; engaging in excessive use of alcohol and/or participating or engaging in any other activity that may be a violation of the Student Code of Conduct or District of Columbia, Maryland or Virginia laws.

**E.** Students are required to carry their Howard University student identification cards at all times and are required to surrender it upon reasonable request by any University official, faculty or staff member and all residence hall personnel.

## **8. Domestic Violence/Dating Violence/ Sexual Assault/ Stalking/Sexual Harassment**

Howard University is committed to maintaining a safe and healthy living, learning, and working environment for students, faculty, and staff free of harassment, exploitation, or intimidation. It is also committed to working towards ensuring that the campus community is free from the dangerous and problematic behaviors of domestic violence, dating violence, sexual assault, and stalking. Domestic Violence, Dating Violence, Sexual Assault and Stalking are not only addressed in this Code, but also in the Howard University *Response to Domestic Violence, Dating Violence, Sexual Assault and Stalking Policy*, which provides guidance to the University Community about responding to such incidences and details the process for addressing these claims as well as the Howard University *Title IX (Student) Policy*. These policies are located on the University's policy website at: <https://secretary.howard.edu/policy-office>

Definitions and examples of these types of behavior are listed below:

**A. Dating and Domestic Violence** - A pattern of controlling behaviors used by one partner to control the other partner. By reference, this policy also incorporates the definition of domestic violence contained in the District of Columbia Code. There are many forms of dating and domestic violence:

1) Physical Abuse – Dating and domestic violence that includes, but is not limited to, hitting, shoving, slapping, pushing, punching, burning, and stabbing. It can also include withholding someone from receiving needed medical care or medication.

- 2) Sexual Abuse - Dating and domestic violence that includes, but is not limited to, forced sex, and forcing someone to have sex without protection, with an object, or with another person.
- 3) Psychological and Emotional Abuse - Dating and domestic violence that includes, but is not limited to, controlling someone's behavior or actions, isolating a person from friends and family; making threats against a person, their family, friends, and pets; using social media to make threats; and verbal abuse.
- 4) Economic Abuse - Dating and domestic violence that includes, but is not limited to, taking a partner's money, and not allowing a person or disrupting a person's ability to work or go to school.
- 5) Sexual Assault – Rape, attempted rape, forced sexual intercourse including forcible sodomy, sexual assault with an object and/or sexual battery; any unwanted sexual contact or threats; and any non-consensual sexual contact, including unwanted touching or forcible fondling
- 6) Stalking - A course of conduct that is unwanted, unwelcome, and unreciprocated directed at a specific person that would cause a reasonable person to feel fear. Examples of stalking behaviors include, but are not limited to:
- a. Waiting outside a person's class or residence.
  - b. Sending unwanted letters, phone calls, emails, texts, posts to a person.
  - c. Following the person.
  - d. Sending gifts.
  - e. Sending information to others about the person.
  - f. Threatening the person.
  - g. Vandalizing the person's property
  - h. Tracking the person's computer and internet use.
  - i. Posting improper messages on social media about the person.

## **9. Drugs/Controlled Substances**

The University prohibits the possession, use, sale, manufacture or distribution of illegal drugs, controlled substances, and prescription drugs. By reference, the University also requires that students comply with any and all laws within the District of Columbia code that pertain to drugs, drug paraphernalia and controlled substances. However, in the event that the District of Columbia or Maryland legalizes the possession, use, sale, manufacture or distribution of any drug and/or controlled substance, these actions will still be prohibited on any University owned and/or operated premises. In addition, under federal and local laws, any student convicted of a drug-related offense must be denied all federal assistance, including Pell Grants. Information about remaining eligible for federal financial aid may be obtained from the Office of Financial Aid.

The University's zero tolerance policy regarding the use of illegal drugs and the improper use of controlled substances expressly prohibits:

**A.** The possession, use, manufacturing, distribution, or intent to distribute and/or sale of a controlled substance, an illegal substance or prescription medication. Examples of these illegal substances include, but

are not limited to: crack cocaine, ecstasy/molly, date rape drugs (rohypnol), cocaine, heroin, opium/morphine/codeine, oxycodone, molly, amphetamines, methamphetamines, synthetic stimulants, such as bath salts or K2 or any other narcotic or controlled substances.

**B.** The legal and illegal possession, use, manufacturing, distribution, or intent to distribute and/or sale of drug paraphernalia.

**C.** Aiding or abetting an individual(s) who is in legal or illegal possession of or who has an intent to use, sell, or distribute or who uses, sells, or distributes controlled substances or drug paraphernalia, including allowing persons involved in such activities to visit or stay in their residence hall room, or to be in any University owned or operated property over which they have control.

**D.** The possession, use, manufacturing, distribution, or intent to distribute and/or sale of marijuana, even if it is deemed to be legal in any of the cities, counties, states or jurisdictions in which the University conducts business or in which a student is engaging in any educational, extracurricular, or athletic activity as a member of and on behalf of Howard University.

Howard University is committed to maintaining a safe and healthy living, learning, and working environment for students, faculty, and staff. It is also committed to complying with all applicable federal, state, and local regulations regarding alcohol and substance abuse, including the federal requirements of the Drug-Free Schools and Communities Act Amendment of 1989. These matters are not only addressed in this *Code*, but also in the Howard University *Alcohol and Drug Prevention Policy*. This policy is located on the University's policy website at: <https://secretary.howard.edu/policy-office>

## **10. Embezzlement**

Unauthorized acquisition and/or use of funds belonging to, or under the stewardship of, any University unit, organization, or individual is a violation of the *Code* and may also be a violation of local, state or Federal law.

## **11. Established Policies and Procedures**

Failure to observe, abide by or comply with any University policy including, but not limited to, any provision contained within the *Student Code of Conduct*, the *H-Book*, or the appropriate school/college bulletin or manual is a violation of this *Code*.

## **12. Failure to Comply/Non-Compliance**

**A.** Failing to immediately comply with or respond to the directions or instructions of an authorized University official, faculty member, or staff member acting in the performance of their duties or any other person responsible for a university facility or off-campus residence during a registered or non/registered function when they is acting in accordance with their responsibilities is strictly prohibited.

**B.** The Howard University student identification card shall be carried by students at all times and surrendered upon the request of any University official, faculty member or staff member, and all Residence Hall Personnel, both on and off campus.

Failure to comply with any disciplinary procedure, within the identified time frame, will result in a hearing with sanctions applied, and the forfeiture of the right to the appeal process.

## **13. Forgery, Fraud, Dishonesty**

Forging the name of a University employee, another student or any other person or entity, altering or misusing any official Faculty, Staff or University forms, documents, records, stored data, electronic data bases, websites,

webpages, University enterprise systems, or knowingly furnishing false information to University Officers, Officials, Faculty and/or employees or providing such information involving or referring to the University in off-campus organizations, institutions, or individuals is strictly prohibited.

Making false statements in public or private, including knowingly filing false charges under the *Code* is also a violation. Aiding and abetting another individual in any of the conduct referenced above also constitutes a violation of this provision.

Unauthorized and unsanctioned use of the University name, logo and/or seal are also strictly prohibited under this *Code*. The University has registered its name, logo and seal as trademarks; therefore, they are property of the University and protected under applicable federal and local laws. Students may not use the seal, logo(s), motto, trademarks, or other intellectual property of the University without express written permission from the University's Office of General Counsel. Authorized student organizations must be pre-approved by the office of Licensing and Vending to reproduce these marks and/or to have a manufacturer reproduce the University trademarks on merchandise for sale or distribution. The use of the University seal is restricted and can only be used to authenticate the highest level of official University documents and be displayed during major ceremonies. On very rare occasions, exceptions to this general rule regarding the University seal are made. All requests to use the seal are considered on a case-by-case basis, only after a formal written request and justification for use are submitted to the Office of the President or the Office of the Secretary, and a written response granting use is supplied to the requesting party.

#### **14. Harassment**

Harassment is engaging in verbal, electronic, visual, written or physical behavior directed at an individual or group that, in the view of a reasonable person, 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, but is not limited to:

**A.** Making an expressed or implied threat of an action that will affect another person's academic pursuits, University employment, or participation in academic or extracurricular activities sponsored by either the University or organizations or groups related to the University.

**B.** Engaging in unwelcomed and unwarranted obstruction or interference with respect to a person's participation in educational, athletic or on-campus activity, personal pursuits, or employment, which includes but is not limited to behaviors or communications which detract from or interfere with: an instructor's ability to provide instruction in the classroom, laboratory, clinical practicum or clerkship; any activity directly related to teaching, instruction or academic advisement and counseling; or provision or use of any and all academic support services provided throughout the University Community.

**C.** Creating an intimidating, demeaning or hostile situation or environment or inflicting personal, social, academic, psychological or emotional harm, or undue stress.

#### **D. Bullying**

Unwanted, aggressive and/or hostile behavior, from an individual or group that involves a real or perceived power imbalance and that is intended to humiliate, mentally or physically injure or intimidate and/or control another individual or group of individuals. Bullying can be one single act or can be repeated behavior that occurs over the course of time. Bullying includes, but is not limited to, actions such as making verbal or written threats, spreading rumors, attacking someone physically or verbally and marginalizing and/or excluding someone from a group, event or activity.

#### **E. Cyberbullying**

Unwanted, aggressive and/or hostile behavior, from an individual or group that involves a real or perceived power imbalance and that is intended to humiliate, mentally or physically injure or intimidate and/or control another individual or group of individuals. Bullying can be one single act or can be repeated behavior that occurs over the course of time. Cyberbullying includes the use of technology, social networking sites, text and voicemail messages, emails, instant messages, personal websites and other forms of technology to make verbal or written threats, spread rumors, attack someone or marginalize and/or exclude someone from a group, event or activity. It is also the use of the above-mentioned mediums to support deliberate and hostile behavior that is intended to harm others.

## **15. Harboring**

Harboring is knowingly allowing any fugitive from justice, or any student, employee, or 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 also includes harboring any individual who is considered to be a fugitive from justice or for whom there is an outstanding warrant. In addition to being a violation of this *Code*, harboring may also be a violation of local, state or Federal law.

## **16. Hazing**

**A.** Hazing is defined as an act which endangers the mental or physical health or safety of a student. It may include, but is not limited to, the destruction or removal of public or private property, or any activity conducted on or off-campus that causes or intends to cause an unreasonable expenditure of funds; embarrassing, intimidating or demeaning behavior; exposure to situations that could result in physical or emotional harm; or behavior that causes undue stress, for the purpose of initiation, admission into, affiliation with, or as a condition of continued membership in any sanctioned or unsanctioned group or organization at the University. By reference, the University also requires that students comply with hazing laws contained within the District of Columbia code.

### **B. District of Columbia Law**

Hazing is any initiation of applicants to or members of a student or fraternal organization in which a person or people knowingly or recklessly organize, promote, facilitate or engage in any conduct, which places or may place another person in danger of bodily injury. Any person who hazes or takes part in hazing activities on or off the property of any university located within the District of Columbia shall be deemed guilty of a misdemeanor and on conviction, is subject to a fine of up to \$1,000, or imprisonment of up to 6 months. Any fraternity, sorority, or group recognized by any university within the District of Columbia who knowingly or recklessly permits hazing on or off the property of any university located within the District of Columbia shall be subject to a fine of not more than \$5,000.00. The implied or expressed consent of a student shall not be a defense under this section.

### **C. Examples of Hazing**

Depending upon circumstances, these activities have at one time or another been construed as hazing by the courts and/or institutions of higher education. Such actions are often required or implied as conditions of inclusion or exclusion from a group, formal or informal. Thus, hazing may be perpetrated by individual(s), individual against group, or group against individual.

- Requiring calisthenics such as sit-ups, push-ups, running, or any form of physically abusive exercise;
- Forcing, requiring, or endorsing consumption of alcoholic beverages or any other drug;
- Requiring the carrying of items such as rocks, bricks, pumpkins, etc.;
- Requiring the ingestion of an undesirable, unwanted substance (e.g. spoiled food, drink concoctions, etc.);
- Scavenger hunts, treasure hunts, road trips, kidnappings, drop-offs, or any other such activities;

- Morally degrading or humiliating games and activities such as requiring members to sign in public or act like animals;
- Assigning or endorsing pranks such as borrowing or stealing items, painting property and objects, or harassing other individuals or groups;
- Deprivation of sleep;
- Blindfolding or hand-tying;
- Verbal harassment including yelling and screaming;
- Blindfolding or hand-tying;
- Requiring any personal servitude such as running errands;
- Line-ups, kangaroo courts, or any interrogations not consistent with legitimate testing for information about the history, purpose or direction;
- Requiring new members to wear publicly apparel that is conspicuous and/or not normally in good taste;
- Requiring new members to be branded;
- Requiring new members to answer phones or doors with chants, riddles, songs, or rhymes;
- Deceptions and/or threats contrived to convince the new member he or she won't be able to join the organizations;
- Conducting activities that do not allow adequate time for study or sleep;
- Requiring new members to yell when entering or leaving any residence hall or building;
- Work projects without the participation of the full membership
- Any action which could be perceived as inflicting physical abuse/harm to an individual, for example, paddling or throwing things at new members.

**PLEASE NOTE:** This list by no means covers all activities and actions that can be considered hazing.

#### **D. Statement on Hazing**

Howard University recognizes that student groups and associations including, but not limited to clubs and organizations, fraternities and sororities are an integral part of the University. They contribute to the academic and social experience of the students and the University community. This relationship carries with it certain rights of the University to protect and preserve an appropriate environment in which all students and organizations may operate. As such, all students are expected to conduct themselves as responsible members of the University community and to respect their fellow citizens.

#### **17. Media Contact**

Students are expressly prohibited from speaking to any media outlet, organization or publication on behalf of, or as a representative of, Howard University. Similarly, students are expressly prohibited 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.

#### **18. Non-forcible Sex Offense**

**A.** Unlawful, non-forcible sexual intercourse.

**B.** Incest – An act committed that involves non-forcible sexual intercourse between persons who are related to each other within the degrees wherein marriage is prohibited by law.

**C.** Statutory Rape – engaging in a sexual act that involves non-forcible sexual intercourse with a person who is under the statutory age of consent.

#### **19. Organization and Event Registration**



Failing to comply with policies and regulations governing the registration of student organizations, events on campus, off-campus house parties or the use of University facilities or resources is strictly prohibited. Failing to comply with regulations set forth in any and all applicable policies regarding the recognition of organizations is also strictly prohibited. Disciplinary action may be imposed upon a recognized student organization by the Office of Student Activities for violations of any applicable regulations set forth in University policy, the organization's charter, constitution and/or bylaws or any other policies or procedures regarding the recognition of an organization.

## **20. Presenting False Testimony**

Knowingly making false statements regarding a disciplinary matter before, during or after the disciplinary adjudication process could result in disciplinary action.

## **21. Property Damage**

**A.** The attempted or actual unauthorized removal, use of or defacing of University property, property under University custody or control or property of another individual or group that results in its destruction or damage.

**B.** Destroying, defacing, removing or damaging the property of others on University premises or at University-sponsored activities.

## **22. Safety**

**A.** Causing any experience, condition or environment that jeopardizes the safety of individuals, groups of individuals, or the University Community, both on and off campus; participating in conduct or behavior that explicitly endangers the safety and well-being of yourself or others are strictly prohibited.

**B.** Tampering with safety measures or devices including, but not limited to, 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 is strictly prohibited.

**C.** Failing to comply with safety regulations including, but not limited to, 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 is strictly prohibited.

**D.** Falsely reporting the presence or threat of a bomb or any other dangerous device or condition; falsely reporting any potentially dangerous and/or hazardous incident are strictly prohibited.

**E.** Failing to report an event or act that would potentially endanger members of the University Community when you know, or have reason to know, of such an event or act is strictly prohibited. This event or act can be presently taking place or can be proposed for a future date and/or time.

## **23. Sexual Harassment**

Howard University is committed to providing students with educational opportunities free from sexual harassment and discrimination based upon gender, gender expression, gender identity or sexual orientation. It is also committed to working towards ensuring that the campus community is free from sexual violence. Sexual Harassment is not only addressed in this Code, but also in the Howard University *Title IX (Student) Policy on Prohibited Sexual Harassment and Gender-Based Discrimination in Education Programs and Activities*, which details the process for reporting and investigating sexual harassment claims. This policy is located in the H-book and on the University's policy website at:

Sexual Harassment is defined as: unwelcomed sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when:

- A.** Submission to such conduct is made either explicitly or implicitly a basis for any decision affecting the terms or conditions of participation in any such program or activity or status in an academic course; or
- B.** Such conduct has the purpose or effect of unreasonably interfering with a student's educational right, privilege, advantage, or opportunity; or
- C.** Such conduct is so pervasive or severe that it creates an intimidating, hostile, or offensive environment for learning and has no reasonable relationship to the subject matter of the relevant course of instruction.

#### Examples of Sexual Harassment

The following examples are illustrative of conduct that, if proven, may be considered by the University to establish sexual harassment in an academic setting:

1. Unsolicited, unwelcomed flirtations, advances, and/or propositions of a sexual nature;
2. Insults, jokes, or anecdotes that belittle or demean an individual or a group's sexuality or gender;
3. Unwelcomed sexually-oriented gestures, verbal expressions, or comments of a sexual nature about an individual's body, clothing, or sexual experience;
4. Inappropriate displays of sexually suggestive objects or pictures;
5. Unnecessary and inappropriate touching, such as hugging, or brushing against an individual's body; patting, pinching,
6. Sexual assault (includes all incidents of "criminal sexual conduct" as defined by the District of Columbia code or the applicable law where the sexual assault takes place); or
7. Suggestions that submission to or rejection of sexual advances will affect decisions regarding such matters as an individual's employment, work assignments, status, salary, academic standing, grades, receipt of financial aid, or letters of recommendation.

#### **24. Smoking**

Smoking and the use of tobacco are prohibited in all indoor locations, including classrooms, offices, residence and dining halls, balconies, stairwells, common areas, and other private residential spaces that are on University property or maintained by the University for members of the University community.

Smoking and the use of tobacco are prohibited in and on University-owned outdoor spaces, including walkways, the Yard, and sports and recreational areas.

Also, smoking is prohibited in University-owned, leased or rented vehicles, regardless of location.

Smoking and tobacco products, such as cigarettes, electronic smoking devices, cigars, pipes, hookahs, and chewing tobacco, are prohibited from use or sale and distribution on University property.

More information regarding the University's *Smoke-Free and Tobacco-Free Policy* is located on the University's policy website at: <https://secretary.howard.edu/policy-office>

#### **25. Theft**

The stealing or attempted theft of property and/or services; knowingly possessing or transporting stolen property; or improperly using or converting the property of another for personal use is a violation of the *Code* and may also be a violation of the law.

By reference, the University also requires that students comply with any and all laws within the District of Columbia Code that pertain theft.

## **26. Unauthorized Entry, Use, or Trespassing**

Entering or using University facilities or property, property in the custody or control of the University or property in the custody or control of another individual or group, for an improper purpose, or without proper authorization, or assisting others in doing so is strictly prohibited.

By reference, the University also requires that students comply with any and all laws within the District of Columbia Code that pertain to unlawful entry and/or trespass.

## **27. Use of 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 is strictly prohibited. Electronic Communication use is not only addressed in this *Code*, but also in (1) the Howard University *Acceptable Use of University Information Data and Communication Services Policy*; (2) the

*Acceptable Use Policy for Computer and Network Systems*; and (3) the *Social Media Policy*. These policies are located on the University's policy website at: <https://secretary.howard.edu/policy-office>

## **28. Violation of Criminal Codes of the Local, State, or Federal Governments**

On or off-campus actions or activities that violate criminal law may also violate the *Code*.

## **29. Weapons**

**A.** Possession of weapons including, but not limited to, firearms, items that eject projectiles, knives, blackjack, slingshot, sandclub, sandbag, knuckles, an imitation pistol, dirk, razor blade, or knife with a blade longer than three (3) inches or any instrument, attachment or appliance for causing the firing of any firearm to be silent or intended to lessen or muffle the noise of the firing of any firearms that any reasonable person would consider to have the possibility of doing bodily harm is strictly prohibited.

**B.** Possessing, using, storing, distributing 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 is strictly prohibited.

# **Section VII: 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.

When students are found to be Responsible for violating the *Code*, they are required to abide by and comply with any and all rendered sanctions. The Office of Student Conduct & Community Standards (OSC) monitors such compliance. There is no set sanction for any particular offense, with the exception of automatic expulsion for a felony conviction. Each individual matter is evaluated separately and independently by the Hearing Officer/Hearing Panel and sanctions should reflect the nature and severity of each individual offense. However,

in the event a student has previously been before a Hearing Officer or Hearing Panel for violations of the *Code*, while each individual matter will be evaluated independently, the sanctions imposed upon the student may be based upon the student's entire record of past alleged and/or guilty behavior.

## **1. General Terms**

- A.** Parents of minor or dependent students who receive a disciplinary sanction may be notified of that action by the University.
- B.** 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.
- C.** Sanctions are imposed under the *Code* without regard to student classification, prospective graduation date, scholarship status, the time in the semester, the term in which the violation occurs, or any other factor.
- D.** 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 forth in their hearing outcome notification.
- E.** The imposition of sanctions will be a matter of record maintained in the Office of Student Conduct & Community Standards. Any and all violations of the *Code* can and will be reported to other colleges/ universities, potential employers, professional licensing agencies or other appropriate entities when the University receives inquiries regarding any administrative actions taken against a student.

## **2. Types of Disciplinary Sanctions**

One or more of the following sanctions may be imposed for any violation of the *Code*. Failure to perform or comply with 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 that may be imposed against a student found responsible for a violation of the *Code*.

### **A. 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. This sanction includes a warning that if the student is found guilty of any other violation of the University's *Code*, they will be subject to more severe disciplinary action.

### **B. 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 the Director of Student Conduct & Community Standards for final approval, prior to submission to the Complainant(s).

### **C. Requirement to Seek Counseling**

This sanction may be imposed when a student is found guilty of engaging in disruptive or uncivil behaviors as well as behavior that may cause him/her to be a threat to self or others. In such cases, the student shall be required to provide evidence of attendance and completion of counseling by a qualified professional to the Associate Vice President for Student Affairs.

#### **D. 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 cases, the student may be required to present a typed summary of the activity to the Associate Vice President for Student Affairs for final approval, prior to conducting such activities.

#### **E. Research Assignments**

A student may be required to complete a research assignment on a topic related to the *Code* violation within a specified deadline.

#### **F. Mandatory University or Community Service**

A student may be required to perform work assignments at the University or in the local community.

#### **G. 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 and/or the Director of Student Conduct & Community Standards.

#### **H. Disciplinary Probation**

Disciplinary Probation may be imposed for a specified period of time, not to exceed two (2) years. A student who is under disciplinary probation will not be permitted to participate in any extracurricular activity, including intramural, intercollegiate or club sports, student clubs, fraternities, sororities, social groups and any other organization that is not directly linked to receiving a grade in a particular course. A student on disciplinary probation is prohibited from representing 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, terminated or revoked. Decisions regarding scholarship suspension, termination or revocation will be made by the Vice President for Student Affairs, after consultation with the Associate Vice President for Student Affairs and other appropriate University officials.

#### **I. Limited Term Suspension**

Suspension is appropriate in cases of serious misconduct or in cases when a student has violated a condition of disciplinary probation or failed to meet the stipulations of lesser sanctions. A student may be suspended from the University for (1) the remainder of the semester or summer session during which the sanction is applied, or any portion thereof; (2) the next semester; or (3) any other additional periods determined appropriate by the University. In the event of a limited-term suspension, tuition and fees will be forfeited if the violation occurs after the refund period as recorded on the University Calendar.

Suspensions are recorded on the student's permanent record (official transcript). Students suspended from the University are required to immediately return all University property, including, but not limited to, their student identification cards, room keys and other University property. Suspended students will also be barred from the campus for the duration of their suspension. Exceptions may be granted to this prohibition by the

Associate Vice President for Student Affairs, if it is determined 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, their 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.

## **J. Indefinite Suspension**

Indefinite suspension includes all conditions described in Limited Term Suspensions above, and an inability to be considered for readmission to the University for a two (2) year period following the suspension. This sanction is used in cases of extremely serious misconduct. Prior to being granted readmission, any student subject to indefinite suspension must present evidence of rehabilitation to the Vice President for Student Affairs. Upon consideration, the Vice President for Student Affairs shall have sole discretion regarding whether readmission to the University will be granted.

## **K. Expulsion**

Expulsion is the most severe sanction that the University may impose. Expulsion is permanent dismissal from the University. In addition, the student is never eligible for readmission to the University and is permanently barred from Howard University owned and/or operated property and from all University-sponsored events. Students expelled from the University are immediately required to return any and all University property, including, but not limited to, 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 VIII: Procedure for Readmission after disciplinary suspension**

A student temporarily suspended will be considered for readmission only after the student submits a *Former Student Returning Application* form to the Office of Student Conduct & Community Standards and a Request for Readmission form to the Office of the Registrar.

OSS 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 General Counsel and the Office of the President of the disposition of the matter.

# **Section IX: Revisions of the Student Code of Conduct and Judiciaries**

## **1. Periodic Review**

The Office of Student Conduct & Community Standards will conduct a full formal review of the *Code* no less than every five (5) years or at other times as it deems appropriate to determine if the *Code* should undergo a full revision.

## **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.** The Associate Vice President for Student Affairs will form a committee composed of faculty, administrative staff and students to review the "*Code*" 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, the Associate Vice President for Student Affairs shall unilaterally make appointments.

**B.** 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.

**C.** After receipt of all recommendations, the draft of the revised *Code* will be completed by the Associate Vice President for Student Affairs and forwarded to the Vice President for Student Affairs and the Provost for review and comment.

**D.** The final draft will be submitted for review to the General Counsel.

### **3. Forwarding for Approval**

After review by the General Counsel, the final document will be forwarded through the Vice President for Student Affairs and the Provost, to the President for final review and presentation to the Board of Trustees for final approval.

### **4. Amendments**

Amendments to the *Code* deemed necessary by the Associate Vice President for Student Affairs during periods between formal full reviews and revisions will be prepared by the Associate Vice President for Student Affairs and forwarded through the Vice President for Student Affairs, the Provost and General Counsel, to the President for approval and implementation.

HISTORY: Approved by the Board of Trustees on April 17, 2015

Conforming Amendments: February 2020, September 2022, August 2023

## **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 or her 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.

# General Education

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## General Education

On March 2, 2023, Provost and Chief Academic Officer, Dr. Anthony K. Wutoh, presented the revised General Education Program (GEP) framework, for Fall 2023 implementation, to the Academic Excellence Subcommittee of the Howard University Board of Trustees. The revised GEP framework synthesized years of collective efforts to develop a twenty-first century general education program that captures Howard University's distinctiveness and aligns with national standards.

The Revised Howard University General Education Program are centered on two key components: Component I: Essential Learning Outcomes and Component II: Credit-hour Distribution Model (120 credits).

### Component I: Essential Learning Outcomes

The revised GEP framework includes seven Essential Learning Outcomes (ELOs) that every undergraduate student should achieve before earning a degree at Howard University.

Upon graduation, Howard University undergraduate students will achieve:

- 1. Knowledge of U.S. and Global African Diasporic Developments** by engaging in learning experiences and disciplines, including Black/African diaspora awareness, history, emerging trends, ways of life and institutions, intercultural knowledge, and cross-cultural comparative skills.
- 2. Knowledge of Human Cultures and Creative Expression** by engaging in learning experiences and disciplines, including world language competency, visual/performing arts, digital literacy, creative thinking, humanities, and intercultural knowledge.
- 3. Knowledge of the Physical and Natural World** by engaging in learning experiences and disciplines, including science and environmental consciousness, quantitative research, qualitative research, generativity, and sustainability.
- 4. Intellectual and Practical Skills** by engaging in learning experiences and disciplines, including written communication, inquiry and analysis, financial literacy, oral communication and public speaking, computational thinking, and information literacy.
- 5. Social Responsibility and Knowledge of Political Institutions** by engaging in learning experiences and disciplines, including ethical reasoning, understanding the past, social sciences, and civic knowledge and engagement.
- 6. Leadership and Applied Learning** by engaging in learning experiences and disciplines including foundation and skills for life-long learning, service and experiential learning, 21st-century digital skills, entrepreneurship, teamwork, critical thinking, and problem-solving.
- 7. Comprehensive Wellness Practices** by engaging in learning experiences and disciplines including emotional wellness and social resilience, health and physical wellness, organizational wellness, and community wellness.

The ELOs clearly define a common experience and helps to shape what it means to be a Howard University graduate. In alignment with standards of the Middle States Commission on Higher Education, the ELOs provide a framework that can be tracked, assessed, and modified as necessary.

All ELOs must be achieved by students and should be demonstrated by completing 30 credits across at least four different disciplines (e.g., English, Mathematics, Communications, Fine Arts, Education, Sociology, Business, Chemistry, etc.). Requiring 30 credits (25% of the curriculum) across four different disciplines ensures a well-rounded general education curriculum that can stimulate new student interests.

The ELOs have been embedded into degree plans and will be tracked via the degree-audit system.

**Component II: Credit-hour Distribution Model  
(120 credits)**

**\*\*Double majors and other pathways in the Flexible Cluster may require more than the 120 credits that are required to earn a bachelor's degree. In these instances, the Flexible Cluster may be used toward partial fulfillment of requirements.**

Credit Hours for Undergraduate Degree	Credit Hours	Percentage of Total Credit Hours Required
<b>Course Categories (3)</b>	<b>120</b>	<b>100%</b>
<b>University General Education Program</b> (Meets Essential Learning Outcomes)	30	25%
<b>Major &amp; School/College Requirements</b>	60-81	50-67.5%
<b>Flexible Cluster**</b> <ul style="list-style-type: none"> <li>• Optional Minor (15-24 credits)</li> <li>• Concentrations</li> <li>• Electives/Technical Electives</li> <li>• Stackable Credentials/Digital Badging</li> <li>• Double Major</li> <li>• Pre-professional requirements</li> </ul>	9-30	7.5%-25%

# Degrees

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## Chadwick A. Boseman College of Fine Arts

### Ceramics

#### Ceramics Minor

Item #	Title	Credits
ARTC 121	Ceramics I	3
ARTC 122	Ceramics II	3
ARTC 123	Ceramics III	3
ARTC 137	Ceramic Sculpture workshop	3
ARTC 125/126	Ceramics V	3
<b>Total credits:</b>		<b>15</b>

### Dance Arts (Auditions Required)

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

#### Dance Arts Minor

<b>Total credits:</b>	<b>15</b>
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### Electronic Studio Art (Portfolio Required)

#### Electronic Studio Art Minor

Item #	Title	Credits
ARTE 080	Comp in the Arts & Dig Imaging	3
ARTE 081	Desktop Web Publishing	3
ARTE 082	Presentation Graphics	3
ARTE 095	3D Modeling & Animation I	3
ARTE 085	Digital Photography	3
	Art Elective	3
<b>Total credits:</b>		<b>15</b>

### Category Descriptions

#### Art Elective

#### Graphic Design

## Graphic Design

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 104	Intro to Digital Design	3
ARTD 105	Typography I	3
ARTD 106	Design for Advertising I	3
ARTD 107	Design for Advertising II	3
ARTD 108	Typography II	3
ARTD 125 or FASH 197	Industry Prep & Entrepreneur or Fashion Entrepreneurship	3
	<b>Total credits:</b>	<b>18</b>

## Interior Design

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

### Interior Design Minor

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INTD 109	Materials and Interior Components	3
INTD 110	Interior Render & Present Tech	3
INTD 098	Environmental Factors of Interior Design	3
INTD 100	Fundamental Drafting of Interiors	3
INTD 106	CAD for Interiors I	3
INTD 104	Construct of Interior Spaces	3
	<b>Total credits:</b>	<b>18</b>

## Painting

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

### Painting Minor

	<b>Total credits:</b>	<b>15</b>
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## Photography

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

### Photography Minor

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTP 050	Basic Black & White Photography	3
ARTP 051	Intermediate Photography	3
ARTP 056	Documentary Photography	3
ARTP 063	Digital Darkroom	3
ARTP 085	Digital Photo	3

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**Total credits: 15**

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## Playwriting

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

### Playwriting Minor

**Total credits: 15**

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## Theatre Arts

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

### Theatre Arts Minor

**Total credits: 15**

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## Theatre Arts Administration

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

### Theatre Arts Administration Minor

**Total credits: 15**

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## Theatre Technology

A typical minor is approximately 15 credits. Actual requirements will be determined in consultation with advisor.

### Theatre Technology Minor

**Total credits: 15**

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## Ceramics

### Art - Ceramics (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.



## Freshman Year First Semester

Item #	Title	Credits
ENGW 102	Expository Wrtg & Literacy Stu	3
FRSM 001	Freshman Seminar	1
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
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
ENGW 103	Persuasive Writing and Research	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
AFRO 005	Intro Afro-American Studies I	3
ARTC 121	Ceramics I	3
ARTA 011	Painting I	3
	University Elective	3
ARTC 121	Ceramics I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
HHPL 102	Human Anatomy Lec/Lab	4
ARTS 141	Sculpture I: Modeling & Cast	3
ARTC 122	Ceramics II	3
ARTR 004	Drawing IV (Spatial Concepts)	3
ARTP 031	Printmaking I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
ARTC 123	Ceramics III	3
ARTC 124	Ceramics IV	3
ARTH 178	African-American Art I	3
	University Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MATH 006	College Algebra I	3
ARTC 125	Ceramics V	3
ARTC 126	Ceramics VI	3
ARTH 179	African American Art II	3
	Art Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
ARTC 127	Ceramics V	3
ARTC 129	Ceramics IX	3
	Art History Elective (Options: Courses under code ARTH)	3
	Art History Elective (Options: Courses under code ARTH)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Physical Education (Active)	1
SLMC 101	Principles of Speech	3
	University Elective	3
ARTC 137	Ceramic Sculpture workshop	3
ARTC 130	Ceramics X	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### University Elective

### Art Elective

### World Language and Culture Requirement (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

### Art History Elective (Options: Courses under code ARTH)

### Physical Education (Active)

## Design

### Art - Graphic Design Concentration (B.F.A)

The goal of the Howard University Graphic 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.

### Freshman Year First Semester

Item #	Title	Credits
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
	ENGW 101/102/104	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>
ARTF 002	Drawing II	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTH 165	Introduction to Art History	3
	ENGW 103/105	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
ARTP 050	Basic Black &White Photography	3
ARTR 003	Drawing III (Figure)	3
MATH 006	College Algebra I	3
	Humanities Course	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 104	Intro to Digital Design	3
ARTD 108	Typography II	3
ARTP 085	Digital Photo	3
	Physical Education (Active)	1
	Physical Education (Active)	1
PSYC 050	Intro to Psychology	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTA 011	Painting I	3
ARTD 115	Digital Design I	3
ARTD 106	Design for Advertising I	3
ARTD 109	Reproduction and Technique	3
ARTH 178	African-American Art I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 107	Design for Advertising II	3
	African Diasporic Cluster	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>15-18</b>

## Senior Year First Semester

Item #	Title	Credits
ARTD 110	Studio Problems in Design	3
ARTD 112	Prod & Portfolio Techniques I	3
ARTD 118	Newspaper & Magazine Design I	3
ARTD 126	Web Dev & Interactive Media	3
SLMC 101	Principles of Speech	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
ARTD 123	Magazine & News Design II	3
ARTD 125 or FASH 197	Industry Prep & Entrepreneur or Fashion Entrepreneurship	3
ARTP 031	Printmaking I	3
ARTH 189	Trends Ideas African Amer Art	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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Humanities Course

### Physical Education (Active)

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### General Elective (Options: To be determined in consultation with advisor) (3)

# Electronic Studio Art

## Art - Electronic Studio Art 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.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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
ENGW 102	Expository Wrtg & Literacy Stu	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>
ARTE 082	Presentation Graphics	3
ARTF 002	Drawing II	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ENGW 103	Persuasive Writing & Research	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTE 080	Comp in the Arts & Dig Imaging	3
ARTE 090	Digital Video Narratives	3
ARTH 164	Survey of Visual Art	3
ARTR 003	Drawing III (Figure)	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ARTE 084	Image Processing	3
ARTE 081	Desktop Web Publishing	3
ARTH 165	Introduction to Art History	3
ARTR 004	Drawing IV (Spatial Concepts)	3
	Math Elective (Options: Courses under code MATH) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
ARTE 086	Multi-Media	3
ARTE 083	2D Animation	3
ARTE 095	3D Modeling & Animation I	3
	Humanities Elective	3
	Art Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
ARTE 087	Multi-Media II	3
ARTE 085	Digital Photography	3
ARTE 094	2D Animation II	3
ARTE 097	Intro to Game Design	3
	Biology Elective (3crs) *	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Art Elective	3
ARID 102	Capstone Senior Project I	3
ARTE 091	Independent Study I	3
ARTE 093	Internship Electronic Studio	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
ARID 103	Sr. Workshop/Capstone II	3
ARTE 092	Independent Study II	3
	University Elective	3
	University Elective	3
	Physical Education (Active)	1
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Humanities Elective

### Math Elective (Options: Courses under code MATH) (3)

### Art Elective

### Biology Elective (3crs) \*

BIOL 190	Independent Investigations (Instructor Consent)	3
BIOL 390	Independent Investigations	3
BIOL 204	Science & Public Policy	3
BIOL 240	Evolution	3
BIOL 315 - Quantitative Biology	Quantitative Biology	3
BIOL 329	Global Climate Change Lec/Lab	4
BIOL 331	History and Philosophy of Science	3
BIOL 340	Bacterial Physiology	3
BIOL 348	Biogeochemistry	3
BIOL 390	Independent Investigations	3
BIOL 420	Cancer Biology	3
BIOL 421	Virology	3
BIOL 495/496	Honors Research	3
BIOL 801	Environmental Studies I	3
BIOL 802	Environmental Studies II	3

### University Elective

### Physical Education (Active)

## 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.



## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 103	Design History	3
ARTF 001	Drawing I	3
ARTF 087	Two Dimensional Concepts I	3
ARTF 089	Three Dimensional Concepts I	3
ENGW 102	Expository Wrtg & Literacy Stu	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>
ARTD 116	History of Design II	3
ARTF 002	Drawing II	3
ARTF 088	Two Dimensional Concepts II	3
ARTH 165	Introduction to Art History	3
ENGW 103	Persuasive Writing and Research	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FASH 004	Intro to Fashion Industry	3
FASH 009	Fashion Studio I: Beginning Construction	3
FASH 124	Textiles	3
FASH 163	Fashion Illustration I	3
FASH 196	Sustainability	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTD 104	Intro to Digital Design	3
FASH 162	Fashion Studio II: Advanced Construction	3
FASH 164	Fashion Illustration II	3
FASH 174	Fashion Industry II: Fashion Trend Analysis	3
FASH 187	Clothing and Human Behavior	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ARTP Elective	3
FASH 172	Fashion Studio III: Patternmaking & Draping	3
FASH 186	Clothing in History	3
HHPL 102	Human Anatomy Lec/Lab	4
PSYC 050	Intro to Psychology	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
ANTH 110	Intro to Cult Anthropology	3
MATH 005	College Algebra I	4
FASH 183	Fash Studio IV: CAD in the Fashion Industry	3
FASH 188	Current Clothing Topics	3
SLMC 101	Principles of Speech	3
<b>Sub-Total Credits</b>		<b>16</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
FASH 168	Practicum in Fashion	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
ARTD 125 or FASH 197	Industry Prep & Entrepreneur or Fashion Entrepreneurship	3
FASH 193	Fashion Brand Identity	3
FASH 198	International Trade in Textiles and Apparel	3
FASH 241	Fashion Seminar	3
<b>Sub-Total Credits</b>		<b>12</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### ARTP Elective

General Elective (Options: To be determined in consultation with advisor) (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.

### Freshman Year First Semester

Item #	Title	Credits
ENGW 102	Expository Wrtg & Literacy Stu	3
ARTF 001	Drawing I	3
ARTF 087	Two Dimensional Concepts I	3
ARTH 164	Survey of Visual Art	3
FRSM 001	Freshman Seminar	1
ARTF 089	Three Dimensional Concepts I	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGW 103	Persuasive Writing & Research	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
ARTD 115	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
PSYC 050	Intro to Psychology	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 170	Modern Art History I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	African Studies Elective (Options: Courses under subject code AFST)	3
INTD 103	Contemporary Interiors	3
INTD 118	Commercial Interior Design I	3
INTD 130	Furniture Design I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
INTD 169	Fieldwork Interior Design	4
ARTH 178	African-American Art I	3
	INTD Selective	3
	INTD Selective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
INTD 114	Business Aspects Int Design	3
INTD 121	Int. Design VI, Adv Problem Th	4
	Art Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

African Studies Elective (Options: Courses under subject code AFST)

INTD Selective

Art Elective

Health Education Requirement (Options: Courses under subject code HHPL)

# 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.

### Freshman Year First Semester

Item #	Title	Credits
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
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
ARTF 002	Drawing II	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTH 165	Introduction to Art History	3
	ENGW 103/105	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
	Humanities Elective (Options: See Elective Group List - Humanities)	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

Item #	Title	Credits
ARTR 004	Drawing IV (Spatial Concepts)	3
ARTA 012	Painting II	3
ARTD 104	Intro to Digital Design	3
	Art History Elective (Options: Courses under code ARTH)	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
ARTA 013	Painting III - Mixed Media	3
ARTA 016	Figure Painting I	3
ARTC 121	Ceramics I	3
MATH 006	College Algebra I	3
PSYC 050	Intro to Psychology	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
ARTA 018	Figure Painting III	3
	Philosophy (Elective)	3
ARTA 020	Public Art II	3
MATH 005	College Algebra I	4
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ARTA 019	Public Art I	3
ARTA 018	Figure Painting III	3
	Art Elective	3
ARTP 031	Printmaking I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Art Elective	3
	Art Elective	3
	Art Elective	3
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	Art Elective	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

ENGW 103/105

Art History Elective (Options: Courses under code ARTH)

Humanities Elective (Options: See Elective Group List - Humanities)

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Humanities (Options: see Elective Group Descriptions)

3

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Social Science Elective

Philosophy (Elective)

Physical Education (Active)

Art Elective

General Electives (Options: To be determined in consultation with advisor) (2)

## 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.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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
ENGW 102	Expository Wrtg & Literacy Stu	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>
ARTF 002	Drawing II	3
ARTP 050	Basic Black &White Photography	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTH 165	Introduction to Art History	3
ENGW 103	Persuasive Writing & Research	3
	<b>Sub-Total Credits</b>	<b>18</b>

### Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTE 080	Comp in the Arts & Dig Imaging	3
ARTH 170	Modern Art History I	3
ARTP 051	Intermediate Photography	3
	Social Science Course	3
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARTH 181	Research in Art History	3
ARTP 031	Printmaking I	3
ARTP 085	Digital Photo	3
MATH 012	Patterns in Math	3
MJFC 421	Blacks in Film	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Junior Year First Semester

Item #	Title	Credits
ARTH 178	African-American Art I	3
ARTP 063	Digital Darkroom	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Studio Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
ARTH 179	African American Art II	3
ARTP 056	Documentary Photography	3
SLMC 101	Principles of Speech	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
SOCI 001	Introduction to Sociology	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 057	Senior Photography I	3
ARTP 059	IS: Study in Photography	3
	Studio Elective	3
	Studio Elective	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

### Social Science Course

#### World Language and Culture Requirement (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

### Studio Elective

#### Health Education Requirement (Options: Courses under subject code HHPL)

#### Art History Elective (Options: Courses under code ARTH)

### University Elective

#### General Electives (Options: To be determined in consultation with advisor) (2)

## Sculpture

### Art - Sculpture (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.

## Freshman Year First Semester

Item #	Title	Credits
ENGW 102	Expository Wrtg & Literacy Stu	3
FRSM 001	Freshman Seminar	1
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
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
ARTF 002	Drawing II	3
ARTF 088	Two Dimensional Concepts II	3
ARTF 090	3-D Concepts II	3
ARTH 165	Introduction to Art History	3
ENGW 103	Persuasive Writing & Research	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Univ. Elective or Art History Elective	3
ARTA 011	Painting I	3
ARTF 003	Drawing III	3
ARTS 141	Sculpture I: Modeling & Cast	3
AFRO 005	Intro Afro-American Studies I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ARTR 004	Drawing IV (Spatial Concepts)	3
ARTP 031	Printmaking I	3
ARTS 142	Sculpture II: Fabric & Carving	3
ARTS 143	Figure Sculpture I	3
HHPL 102	Human Anatomy Lec/Lab	4
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
ARTH 178	African-American Art I	3
ARTS 144	Figure Sculpture II	3
ARTS 147	Wood Sculpture	3
PSYC 050	Intro to Psychology	3
	Physical Education (Active)	1
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

Item #	Title	Credits
	ARTP Elective	3
ARTH 179	African American Art II	3
ARTS 148	Stone Sculpture	3
ARTS 149	Metal Sculpt I: Welding Fabric	3
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Art History Elective (Options: Courses under code ARTH)	3
	Art Elective	3
ARTS 150	Metal Sculpture II: Smithing and Forge Fabrication	3
ARTS 153	Sculpture Workshop I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Art Elective	3
SLMC 101	Principles of Speech	3
	Physical Education (Active)	1
	Physical Education (Active)	1
	University Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

Univ. Elective or Art History Elective

Physical Education (Active)

ARTP Elective

Art History Elective (Options: Courses under code ARTH)

Art Elective

## World Language and Culture Requirement (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

## University Elective

# 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

## Freshman Year First Semester

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
MUSE 011	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

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
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	Physical Education (Active)	1
	Precalculus or Intro to Statistics	4
	Instrument Minor III	2
	Large Ensemble III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSE 021	Functional Piano III	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
MUSE 022	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

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

Item #	Title	Credits
	General Education Elective - (2)	2
ACCT 201	Accounting Principles I	3
	Physical Education (Active)	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
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Physical Education (Active)	1
	Instrument Minor VII	2
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Psychology or Philosophy Elective	3
	Instrument Minor VIII	2
MUSI 033	Entrepreneur Entertain 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>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Instrument Minor I

### Large Ensemble I

### ENGW 103/105

### Instrument Minor II

### Large Ensemble II

### Physical Education (Active)

### Precalculus or Intro to Statistics

### Instrument Minor III

### Large Ensemble III

### Instrument Minor IV

### Large Ensemble IV

### Instrument Minor V

### Small Ensemble I



General Education Elective - (2)

Instrument Minor VI

Small Ensemble II

World Language and Culture Requirement (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

General Elective (Options: To be determined in consultation with advisor) (3)

Psychology or 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.

### Freshman Year First Semester

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
MUSE 011	Functional Piano I	1
MUTO 011	Student Recital I	0
MUSI 110	Jazz History	3
	<b>Sub-Total Credits</b>	<b>18</b>

### Freshman Year Second Semester

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
MUSE 012	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

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	Precalculus or Introduction to Statistics	4
	Instrument Minor III	2
MUTI 021	Jazz Ensemble A III	1
MUSE 021	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

Item #	Title	Credits
MUSI 037	Mgmt.&Organ. Behavior for Arts	3
	Instrument Minor IV	2
MUSC 011	Music History II	3
MUSE 022	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

Item #	Title	Credits
MUSI 035	Marketing for the Arts	3
	Instrument Minor V	2
MUTI 031	Jazz Ensemble A V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

Item #	Title	Credits
MUSI 038	Accounting Principles for the Arts	3
	Instrument Minor VI	2
MUTI 033	Jazz Ensemble A VI	1
MUSH 032	Improvisation VI	2
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUSC 008	African & Afro-Amer Music Lit	3
	1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)	
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Physical Education (Active)	1
	Psychology or Philosophy Elective	3
MUSI 031	Intro to Entertainment Law	3
	Instrument Minor VII	2
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Physical Education (Active)	1
	Psychology or Philosophy Elective	3
	Instrument Minor VIII	2
MUSI 033	Entrepreneur Entertain 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>123</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Instrument Minor I

### ENGW 103/105

### Instrument Minor II

### Precalculus or Introduction to Statistics

### Instrument Minor III

### Instrument Minor IV

### Instrument Minor V

### Instrument Minor VI

1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

(Options: Any 1credit course offered at the university, tbd in consultation with advisor)

**World Language and Culture Requirement (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 (Active)**

**Psychology or Philosophy Elective**

**Instrument Minor VII**

**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.

## Freshman Year First Semester

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
MUTO 011	Student Recital I	0
MUTX 111	Jazz Piano I	2
MUSH 011	Improvisation I	2
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MUTX 112	Jazz Piano II	2
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
MUTO 012	Student Recital II	0
MUSH 012	Improvisation II	2
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year First Semester

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	Precalculus or Intro to Statistics	4
MUTX 121	Jazz Piano III	2
MUTI 021	Jazz Ensemble A 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>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Physical Education (Active)	1
MUSI 037	Mgmt.&Organ. Behavior for Arts	3
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>15</b>

## Junior Year First Semester

Item #	Title	Credits
MUTX 131	Jazz Piano V	2
MUTI 031	Jazz Ensemble A V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
MUSI 001	Seminar in Music Business	1
	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
ACCT 201	Accounting Principles I	3
	Physical Education (Active)	1
MUTX 132	Jazz Piano VI	2
MUTI 033	Jazz Ensemble A VI	1
MUTO 041	Student Recital VII	0
MUSC 008	African & Afro-Amer Music Lit	3
MUTO 032	Student Recital VI	0
MUTX 132	Jazz Piano VI	2
	<b>Sub-Total Credits</b>	<b>12</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
MUTX 141	Jazz Piano VII	2
MUTO 041	Student Recital VII	0
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Psychology or Philosophy Elective	3
MUSI 033	Entrepreneur Entertain Industry	3
MUTX 141	Jazz Piano VII	2
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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### ENGW 103/105

### Precalculus or Intro to Statistics

### Physical Education (Active)

### General Elective (Options: To be determined in consultation with advisor) (3)

### World Language and Culture Requirement (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

### Psychology or 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.

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSH 011	Improvisation I	2
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSE 011	Functional Piano I	1
MUTO 011	Student Recital I	0
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

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
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
MUSH 012	Improvisation II	2
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
ECON 001	Principles of Economics I	3
	Precalculus or Intro to Statistics	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
MUSE 022	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 016	Jazz Keyboard Harmony	2
MUSI 001	Seminar in Music Business	1
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>17</b>

## Junior Year Second Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
	Physical Education (Active)	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSH 032	Improvisation VI	2
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	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
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MKTG 301	Principles of Marketing	3
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
MUSD 051	Elementary Choral Conducting	3
MUTW 141	Voice for Jazz Studies VII	2
<b>Sub-Total Credits</b>		<b>17</b>

## Senior Year Second Semester

Item #	Title	Credits
	Physical Education (Active)	1
MUSI 033	Entrepreneur Entertain Industry	3
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
MUTP 209	Music Internship	4
	Psychology or Philosophy Elective	3
MUTW 142	Voice for Jazz Studies VIII	2
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>128</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Precalculus or Intro to Statistics

### Functional Piano III

### Physical Education (Active)

### World Language and Culture Requirement (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

### Psychology or Philosophy Elective

## Music - Business Concentration - Piano Minor (B.M.)

### Freshman Year First Semester

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

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

Item #	Title	Credits
ECON 001	Principles of Economics I	3
	Physical Education (Active)	1
	Precalculus or Intro to Statistics	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

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

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 3 advisor) (3)	3
ACCT 201	Accounting Principles I	3
	Physical Education (Active)	1
MUSE 132	Piano 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>16</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MKTG 301	Principles of Marketing	3
MUSE 141	Piano Minor VII	2
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MUSD 150	Independent Study in Music Ed	3
	Ensemble Elective (1)	1
	<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
	Psychology or Philosophy Elective	3
MUSE 142	Piano Minor VIII	2
MUSI 033	Entrepreneur Entertain Industry	3
MUTO 042	Student Recital VIII	0
MUTP 209	Music Internship	4
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Physical Education (Active)

### Precalculus or Intro to Statistics

### Large Ensemble III

### Large Ensemble IV

### Small Ensemble I

### General Elective (Options: To be determined in consultation with advisor) (3)

### Small Ensemble II

### World Language and Culture Requirement (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)

### Psychology or 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.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	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
MUSE 011	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

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

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	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
MUSB 016	Keyboard Harmony	2
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
MUSE 022	Functional Piano IV	1
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MUTO 022	Student Recital IV	0
MUSE 051	Piano Proficiency Exam	0
	<b>Sub-Total Credits</b>	<b>15</b>



## Junior Year First Semester

Item #	Title	Credits
MUSB 151	Composition I	3
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUSB 103	Orchestration	3
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

Item #	Title	Credits
MUSB 152	Composition II	3
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSB 125	Advanced Analysis	3
MUSB 043	Counterpoint	3
MUTO 032	Student Recital VI	0
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
	Choral Conducting	3
MUSG 141	Voice Minor VII	2
	General Elective (Options: To be determined in consultation with advisor) (3)	3
MUSB 153	Composition III	3
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
	Music Ed Instr. Family	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor) (3)	3
MUSG 142	Voice Minor VIII	2
MUSB 154	Composition IV	3
	Philosophy Elective	3
MUTO 042	Student Recital VIII	0
	Physical Education (Active)	1
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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Functional Piano II

### World Language and Culture Requirement (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

### Physical Education (Active)

## Choral Conducting

General Elective (Options: To be determined in consultation with advisor) (3)

## Music Ed Instr. Family

### Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055/057	Intro to Philosophy	3

## 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

### Freshman Year First Semester

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
MUTO 011	Student Recital I	0
MUSE 011	Functional Piano I	1
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	Natural Science Elective	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
	Music Ed Instr. Family	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Music Ed Instr. Family	1
	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
MUSE 021	Functional Piano III	1
MUTO 021	Student Recital III	0
MUSB 016	Keyboard Harmony	2
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

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
MUSE 022	Functional Piano IV	1
	Music Ed Instr. Family	1
MUTO 022	Student Recital IV	0
	Physical Education (Active)	1
MUSE 051	Piano Proficiency Exam	0
	<b>Sub-Total Credits</b>	<b>14</b>

### Junior Year First Semester

Item #	Title	Credits
MUSB 151	Composition I	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
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

### Junior Year Second Semester

Item #	Title	Credits
MUSB 152	Composition II	3
	Instrument Minor IV	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSB 125	Advanced Analysis	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
	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
	1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Senior Year Second Semester

Item #	Title	Credits
	Social Sciences Elective	3
	Instrument Minor VIII	2
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
MUSB 154	Composition IV	3
	Philosophy (Elective)	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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Instrument Minor I

### Large Ensemble I

### ENGW 103/105

### Natural Science Elective

### Large Ensemble II

### Music Ed Instr. Family

### Instrument Minor III

### Large Ensemble III

### Physical Education (Active)

### Instrument Minor IV

### Large Ensemble IV

### Instrument Minor V

### Small Ensemble I

## Small Ensemble II

General Elective (Options: To be determined in consultation with advisor) (3)

## Instrument Minor VII

1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

(Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

## Social Sciences Elective

## Instrument Minor VIII

World Language and Culture Requirement (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 - 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

### Freshman Year First Semester

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
MUTO 011	Student Recital I	0
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	Natural Science Elective	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
	Music Ed Instr. Family	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
	Music Ed Instr. Family	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
MUSC 010	Music History I	3
MUSB 016	Keyboard Harmony	2
	Physical Education (Active)	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>



## Sophomore Year Second Semester

Item #	Title	Credits
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
	Music Ed Instr. Family	1
	Music Ed Instr. Family	1
MUTO 022	Student Recital IV	0
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
MUSB 151	Composition I	3
MUSE 131	Piano Minor V	2
	Small Ensemble I	1
MUSB 103	Orchestration	3
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUTO 031	Student Recital V	0
	Music Ed Instr. Family	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
MUSB 152	Composition II	3
MUSE 132	Piano Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSB 125	Advanced Analysis	3
	Choral or Inst. Conducting	3
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
MUSE 141	Piano 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 (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Social Sciences Elective	3
MUSE 141	Piano Minor VII	2
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
MUSB 154	Composition IV	3
	Philosophy (Elective)	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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### ENGW 103/105

### Natural Science Elective

### Large Ensemble II

### Music Ed Instr. Family

### Large Ensemble III

### Physical Education (Active)

### Large Ensemble IV

### Small Ensemble I

## 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 Elective

## World Language and Culture Requirement (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

### Freshman Year First Semester

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
MUTO 011	Student Recital I	0
MUSE 011	Functional Piano I	1
MUSG 156	Diction for Singers	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

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

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	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
MUTO 021	Student Recital III	0
MUSB 016	Keyboard Harmony	2
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
MUSE 022	Functional Piano IV	1
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MUTO 022	Student Recital IV	0
MUSE 051	Piano Proficiency Exam	0
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MUSB 151	Composition I	3
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUSB 103	Orchestration	3
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

Item #	Title	Credits
MUSB 152	Composition II	3
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSB 125	Advanced Analysis	3
MUSB 043	Counterpoint	3
MUTO 032	Student Recital VI	0
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Choral Conducting	3
MUSG 141	Voice Minor VII	2
	Natural Science Elective	3
MUSB 153	Composition III	3
MUSI 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
	Music Ed Instr. Family	1
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Social Science Elective	3
MUSG 142	Voice Minor VIII	2
	Music Ed Instr. Family	1
MUSB 154	Composition IV	3
	Philosophy (Elective)	3
MUTO 042	Student Recital VIII	0
	Physical Education (Active)	1
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Functional Piano II

### World Language and Culture Requirement (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

Choral Conducting

Natural Science Elective

Music Ed Instr. Family

Social Science Elective

Philosophy (Elective)

Physical Education (Active)

### **Music - Jazz Studies - Instrument Concentration (B.M.)**

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.

## Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUTX 111	Jazz Piano 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
MUSE 011	Functional Piano 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
	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
MUSE 012	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

Item #	Title	Credits
	Social Sciences Elective	3
	Instrument Minor III	2
MUTI 021	Jazz Ensemble A III	1
MUSE 021	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Natural Science Elective	3
	Instrument Minor IV	2
MUSC 011	Music History II	3
MUSE 022	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Instrument Minor V	2
MUTI 031	Jazz Ensemble A V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	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 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Physical Education (Active)	1
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
	Instrument Minor VII	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Physical Education (Active)	1
	Instrument Minor VIII	2
MUTI 042	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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Instrument Minor II

### Social Sciences Elective

### Instrument Minor III

Natural Science Elective

Instrument Minor IV

Instrument Minor V

Instrument Minor VI

World Language and Culture Requirement (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 (Active)

Instrument Minor VII

Instrument Minor VIII

Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055/057	Intro to Philosophy	3

## 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.

### Freshman Year First Semester

Item #	Title	Credits
	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

Item #	Title	Credits
	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

Item #	Title	Credits
	Physical Education (Active)	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
MUTO 021	Student Recital III	0
MUTX 121	Jazz Piano III	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MATH 006	College Algebra I	3
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

Item #	Title	Credits
MUSC 012	Music History III	3
MUTI 031	Jazz Ensemble A V	1
MUSH 031	Improvisation V	2
MUSD 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

Item #	Title	Credits
MUSC 008	African & Afro-Amer Music Lit	3
MUTI 032	Jazz Ensemble A VI	1
MUSH 032	Improvisation VI	2
MUSD 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
	Natural Science Elective	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 132	Jazz Piano VI	2
	Philosophy (Elective)	3
MUTO 041	Student Recital VII	0
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MUTI 042	Jazz Ensemble A VIII	1
MUTI 112	Jazztet II	1
	Physical Education (Active)	1
MUTX 142	Jazz Piano VIII	2
	Social Sciences Elective	3
	General Elective (Options: To be determined in consultation with 3 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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Physical Education (Active)

### General Elective 1 Credit (Options: To be determined in consultation with advisor)

### Natural Science Elective

### Philosophy (Elective)

### World Language and Culture Requirement (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 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.

## Freshman Year First Semester

Item #	Title	Credits
	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
MUSE 012	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
MUSE 021	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
	Natural Science Elective	3
MUSC 011	Music History II	3
MUSI 102	Jazz Theory II	3
MUSE 022	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
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
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Philosophy (Elective)	3
	Physical Education (Active)	1
MUSI 143	Vocal Arranging II	3
MUSH 032	Improvisation VI	2
MUTO 041	Student Recital VII	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
MUSI 076	Intro to Music Technology I	3
MUSD 051	Elementary Choral Conducting	3
	Physical Education (Active)	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 3 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

Choose between ENGW 101, ENGW 102, OR ENGW 104

Functional Piano I

ENGW 103/105

Social Science Elective

Natural Science Elective

World Language and Culture Requirement (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)

Physical Education (Active)

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.)

## Freshman Year First Semester

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
MUSE 011	Functional Piano I	1
MUSI 110	Jazz History	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>18</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	Physical Education (Active)	1
	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
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
MUSH 012	Improvisation II	2
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 006	College Algebra I	3
	Instrument Minor III	2
MUTI 021	Jazz Ensemble A III	1
MUSE 021	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

Item #	Title	Credits
MJFC 200	Intro to MediaProduction	3
	Instrument Minor IV	2
MUSC 011	Music History II	3
MUSE 022	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

Item #	Title	Credits
	Instrument Minor V	2
MUTO 031	Student Recital V	0
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 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>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	Instrument Minor VI	2
MUTI 023	Jazz Ensemble A IV	1
MUSD 058	Instrumental Conducting	3
MUSH 032	Improvisation VI	2
MUSI 077	Intro to Music Technology II	3
MUTO 041	Student Recital VII	0
	Physical Education (Active)	1
MUSC 008	African & Afro-Amer Music Lit	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Instrument Minor VII	2
MUSI 031	Intro to 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>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Instrument Minor I

### ENGW 103/105

### Physical Education (Active)

### Instrument Minor II

### Instrument Minor III

### Instrument Minor IV

### Instrument Minor V

### Instrument Minor VI

### World Language and Culture Requirement (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.

## Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUTX 111	Jazz Piano 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
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
MUTI 012	Jazz Ensemble A 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
MUTI 021	Jazz Ensemble A 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
MJFC 200	Intro to MediaProduction	3
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
MUTX 122	Jazz Piano IV	2
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
MUTX 131	Jazz Piano V	2
MUTI 031	Jazz Ensemble A V	1
MUSC 012	Music History III	3
MUSH 031	Improvisation V	2
MUSI 076	Intro to Music Technology I	3
MUSI 183	Jazz Arranging I	3
MUTO 031	Student Recital V	0
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MUTX 132	Jazz Piano 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
MUTO 041	Student Recital VII	0
MUSC 008	African & Afro-Amer Music Lit	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MUTX 141	Jazz Piano VII	2
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MJFC 410	Audio Engineering	3
	Audio Practicum -or- Theatre 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 (Active)	1
MUTX 141	Jazz Piano VII	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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Physical Education (Active)

### World Language and Culture Requirement (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

### Audio Practicum -or- Theatre Tech Production I

MJFC 457	Audio Practicum	1
THTT 058	Tech Production I	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.)

### Freshman Year First Semester

Item #	Title	Credits
	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
MUSE 011	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
MUSI 110	Jazz History	3
	<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
MUSE 012	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 (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 006	College Algebra I	3
MUSI 101	Jazz Theory I	3
MUSE 021	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
MJFC 101	Intro to Mass Communications	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MJFC 200	Intro to MediaProduction	3
MUSC 011	Music History II	3
MUSI 102	Jazz Theory II	3
MUSE 022	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 076	Intro to Music Technology I	3
MUSI 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
MUSC 008	African & Afro-Amer Music Lit	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MUSH 032	Improvisation VI	2
MUTO 041	Student Recital VII	0
MUTV 132	Jazz Vocal Workshop VI	1
MUTW 132	Voice for Jazz Studies VI	2
	Physical Education (Active)	1
MUSI 077	Intro to Music Technology II	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
MJFC 410	Audio Engineering	3
MJFC 457	Audio Practicum	1
THTT 058	Tech Production I	3
	Choral Conducting	3
MUSI 031	Intro to Entertainment Law	3
MUTO 041	Student Recital VII	0
MUTW 141	Voice for Jazz Studies VII	2
<b>Sub-Total Credits</b>		<b>15</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>121</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Physical Education (Active)

### World Language and Culture Requirement (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

### Choral Conducting

### 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.

### Freshman Year First Semester

<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
MUSD 120	Contemporary Trends in Music I	1
MUSE 011	Functional Piano I	1
	Marching Band or HHPL Elective	1
	<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
	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
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 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

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

Item #	Title	Credits
EDUC 210	Foundations of 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

Item #	Title	Credits
EDUC 212	Educational Psychology: Learning and African American Learners	3
	Instrument Minor VI	2
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>15</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 Mgmt	9
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Instrument Minor I

#### Large Ensemble I

#### Marching Band or HHPL Elective

### ENGW 103/105

### Instrument Minor II

#### Large Ensemble II

### World Language and Culture Requirement (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

## Instrument Minor VI

## 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.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSF 111	Organ Minor I	2
MUTL 011	University Choir I	1
MUSB 003	Elem Ear Trng/Sight Singing I	2
MUSB 021	Elementary Harmony I	3
MUSD 120	Contemporary Trends in Music I	1
	Physical Education (Active)	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
MUSF 112	Organ Minor II	2
MUTL 012	University Choir 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
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MUSF 121	Organ 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 006	Music Education Guitar Class	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MUSF 122	Organ Minor IV	2
MUTL 021	University Choir III	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
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
EDUC 210	Foundations of Urban Education	3
MUSF 131	Organ Minor V	2
MUSD 051	Elementary Choral Conducting	3
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSD 053	Music in the Elementary School	3
MUTO 031	Student Recital V	0
MUSF 031	University Choir V	1
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year Second Semester

Item #	Title	Credits
EDUC 311	Special Educ & Classroom Mgmt	3
MUSF 132	Organ Minor VI	2
MUSC 008	African & Afro-Amer Music Lit	3
MUSB 043	Counterpoint	3
MUSD 054	Music in the Secondary Schools	3
MUSE 154	Vocal Accompanying	2
MUSE 051	Piano Proficiency Exam	0
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 and African American Learners	3
EDUC 410	Pedagogy & Content Literacy	3
MUSB 016	Keyboard Harmony	2
MUSD 006	Music Education Guitar Class	1
MUSD 031	Voice Class for instrument Minors	1
MUSD 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUTO 112	Senior Recital	0
MUSF 141	Organ Minor VII	2
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Mgmt	9
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Physical Education (Active)

### ENGW 103/105

## World Language and Culture Requirement (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

### 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.

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.

### Freshman Year First Semester

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
MUSD 120	Contemporary Trends in Music I	1
	Physical Education (Active)	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
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
MUSD 121	Contemp Trends in Music Educ	1
MUTO 012	Student Recital II	0
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
MUSD 051	Elementary Choral Conducting	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
MUSD 006	Music Education Guitar Class	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
MUSD 005	Instrumental Survey	3
MUSD 031	Voice Class for instrument Minors	1
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
EDUC 210	Foundations of Urban Education	3
MUSE 131	Piano Minor V	2
	Small Ensemble I	1
	Education Elective	3
MUSC 012	Music History III	3
MUSD 053	Music in the Elementary School	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
EDUC 311	Special Educ & Classroom Mgmt	3
MUSE 132	Piano Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
MUSB 043	Counterpoint	3
MUSD 054	Music in the Secondary Schools	3
MUTO 032	Student Recital VI	0
MUTL 032	University Choir VI	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
EDUC 212	Educational Psychology: Learning and African American Learners	3
EDUC 410	Pedagogy & Content Literacy	3
MUSE 141	Piano Minor VII	2
MUSB 016	Keyboard Harmony	2
MUSE 154	Vocal Accompanying	2
MUSD 076	Intro to Music Technology I	3
MUTO 041	Student Recital VII	0
MUTO 112	Senior Recital	0
	Ensemble Elective (1)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Mgmt	9
	<b>Sub-Total Credits</b>	<b>9</b>
	<b>Total credits:</b>	<b>116</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### Physical Education (Active)

### ENGW 103/105

Large Ensemble II

Large Ensemble III

Large Ensemble IV

Small Ensemble I

Education Elective

Small Ensemble II

Ensemble Elective (1)

## Music - Music Education - Voice Minor

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.

### Freshman Year First Semester

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
MUSD 120	Contemporary Trends in Music I	1
	Functional Piano I	1
	Physical Education (Active)	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
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
MUSD 121	Contemp Trends in Music Educ	1
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	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
MUSD 006	Music Education Guitar Class	1
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>



## Sophomore Year Second Semester

Item #	Title	Credits
	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
MUSE 051	Piano Proficiency Exam	0
MUSD 005	Instrumental Survey	3
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
EDUC 210	Foundations of Urban Education	3
	Voice Minor V	3
	Small Ensemble I	1
MUSD 053	Music in the Elementary School	3
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUSD 051	Elementary Choral Conducting	3
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>19</b>

## Junior Year Second Semester

Item #	Title	Credits
EDUC 212	Educ Psyc: Lrn & Af Am Lrnrs	3
MUSB 043	Counterpoint	3
	Voice Minor VI	3
MUSC 008	African & Afro-Amer Music Lit	3
MUSD 054	Music in the Secondary Schools	3
MUTO 032	Student Recital VI	0
MUSB 016	Keyboard Harmony	2
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

Item #	Title	Credits
EDUC 311	Special Educ & Classroom Mgmt	3
EDUC 410	Pedagogy & Content Literacy	3
	Instrumental Methods Elective	1
	Ensemble Elective (1)	1
MUSG 155	Solo Vocal Literature	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>14</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Mgmt	9
<b>Sub-Total Credits</b>		<b>12</b>
<b>Total credits:</b>		<b>122</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### Functional Piano I

### Physical Education (Active)

### ENGW 103/105

### Large Ensemble II

### World Language and Culture Requirement (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

### Voice Minor III

### Large Ensemble III

## Voice Minor IV

## Large Ensemble IV

## Voice Minor V

## Small Ensemble I

## Voice Minor VI

## Instrumental Methods Elective

## Ensemble Elective (1)

## Music - Music History Concentration - 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.

### Freshman Year First Semester

<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
MUSE 011	Functional Piano I	1
MATH 006	College Algebra I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

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
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	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
	General Elective (Options: To be determined in consultation with advisor) (3)	3
ARTH 161	Art Appreciation	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
	Physical Education (Active)	1
MUSC 103	The Symphony	3
MUTO 022	Student Recital IV	0
MUSE 051	Piano Proficiency Exam	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUSC 012	Music History III	3
MUTO 031	Student Recital V	0
FREN 001	French I	3
MUSB 016	Keyboard Harmony	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
FREN 002	French II	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GERM 001	German I	3
	Instrument Minor VII	2
	Large Ensemble V	1
MUSB 124	Form and Analysis	3
	Chant to Opera	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GERM 002	German II	3
	Instrument Minor VIII	2
	Large Ensemble II	1
MUSB 043	Counterpoint	3
MUSC 201	Senior Thesis	1
MUTO 042	Student Recital VIII	0
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Instrument Minor I

### Large Ensemble I

### ENGW 103/105

Large Ensemble II

Instrument Minor III

Large Ensemble III

General Elective (Options: To be determined in consultation with advisor) (3)

Large Ensemble IV

Physical Education (Active)

Small Ensemble I

Small Ensemble II

Instrument Minor VII

Large Ensemble V

Chant to Opera

Instrument Minor VIII

## **Music - Music History Concentration - 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.

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.

### Freshman Year First Semester

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
MATH 006	College Algebra I	3
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
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

Item #	Title	Credits
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
	General Elective (Options: To be determined in consultation with advisor) (3)	3
ARTH 161	Art Appreciation	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MUSE 131	Piano Minor V	2
	Small Ensemble I	1
MUSC 012	Music History III	3
MUTO 031	Student Recital V	0
FREN 001	French I	3
MUSB 016	Keyboard Harmony	2
	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

Item #	Title	Credits
MUSE 132	Piano Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
FREN 002	French II	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
MUSE 141	Piano Minor VII	2
	Large Ensemble V	1
MUSB 124	Form and Analysis	3
	Chant to Opera	3
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GERM 002	German II	3
MUSE 142	Piano Minor VIII	2
	Large Ensemble VI	1
MUSB 043	Counterpoint	3
MUSC 201	Senior Thesis	1
MUTO 042	Student Recital VIII	0
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Large Ensemble III

General Elective (Options: To be determined in consultation with advisor) (3)

### Large Ensemble IV

### Physical Education (Active)

### 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

## Health Education Requirement (Options: Courses under subject code HHPL)

## Music - Music History Concentration - 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.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 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
MUSE 011	Functional Piano I	1
MATH 006	College Algebra I	3
MUTO 011	Student Recital I	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

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
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
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
	General Elective (Options: To be determined in consultation with advisor) (3)	3
ARTH 161	Art Appreciation	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
	Physical Education (Active)	1
MUSC 103	The Symphony	3
MUTO 022	Student Recital IV	0
MUSE 051	Piano Proficiency Exam	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
MUSG 131	Voice Minor V	2
	Small Ensemble I	1
MUSC 012	Music History III	3
MUTO 031	Student Recital V	0
FREN 001	French I	3
MUSB 016	Keyboard Harmony	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSG 132	Voice Minor VI	2
	Small Ensemble II	1
MUSC 008	African & Afro-Amer Music Lit	3
FREN 002	French II	3
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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
MUTO 041	Student Recital VII	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GERM 002	German II	3
MUSG 142	Voice Minor VIII	2
	Large Ensemble II	1
MUSB 043	Counterpoint	3
MUSC 201	Senior Thesis	1
MUTO 042	Student Recital VIII	0
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### ENGW 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

General Elective (Options: To be determined in consultation with advisor) (3)

Large Ensemble IV

Physical Education (Active)

Small Ensemble I

Small Ensemble II

Large Ensemble V

Chant to Opera

Health Education Requirement (Options: Courses under subject code HHPL)

## 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)

### Freshman Year First Semester

Item #	Title	Credits
	Physical Education (Active)	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

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

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
	Global Popular Music -or- 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

Item #	Title	Credits
	Physical Education (Active)	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

Item #	Title	Credits
SOCI 001	Introduction to Sociology	3
	General Elective (Options: To be determined in consultation with advisor) (3)	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 102	Human Anatomy Lec/Lab	4
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>17</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Intro to Ethnomusicology -or- Intro to Cultural 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 (Active)

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

#### ENGW 103/105



## Large Ensemble II

### Global Popular Music -or- Jazz History

MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3

## 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

### World Language and Culture Requirement (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

### Intro to Ethnomusicology -or- Intro to Cultural Anthropology

MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	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)

### Freshman Year First Semester

Item #	Title	Credits
	Physical Education (Active)	1
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSJ 101	Music Therapy I	3
MUSE 111	Piano Minor I	2
MUSO 100	Guitar Instruction	1
	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

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 110	Functional Piano I/ Music Ther	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

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
	Global Popular Music -or- Jazz History	3
MUSJ 107	Guitar Technique Music Therapy	2
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

Item #	Title	Credits
	Physical Education (Active)	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 121	Piano Minor III	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

Item #	Title	Credits
SOCI 001	Introduction to Sociology	3
MUSB 016	Keyboard Harmony	2
MUSD 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
MUTO 031	Student Recital V	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 102	Human Anatomy Lec/Lab	4
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
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>17</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Intro to Ethnomusicology -or- Intro to Cultural 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>121</b>

## Category Descriptions

### Physical Education (Active)

ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

Large Ensemble I

ENGW 103/105

Large Ensemble II

Global Popular Music -or- Jazz History

MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3

Large Ensemble III

Large Ensemble IV

Practicum II

Small Ensemble I

Small Ensemble II

World Language and Culture Requirement (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

## Intro to Ethnomusicology -or- Intro to Cultural Anthropology

MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	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)

## Freshman Year First Semester

Item #	Title	Credits
	Physical Education (Active)	1
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
MUSJ 101	Music Therapy I	3
MUSO 100	Guitar Instruction	1
	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

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 110	Functional Piano I/ Music Ther	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

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
	Global Popular Music -or- 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

Item #	Title	Credits
	Physical Education (Active)	1
MUSC 011	Music History II	3
MUSJ 102	Music Therapy II	3
MUSE 120	Funtional Piano II (Therapy)	1
MUSE 051	Piano Proficiency Exam	0
MUTF 111	Guitar Ensemble I	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
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
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

Item #	Title	Credits
HHPL 102	Human Anatomy Lec/Lab	4
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
MUSG 132	Voice Minor VI	2
	General Electives (Options: To be determined in consultation with advisor) (2)	2
MUTO 032	Student Recital VI	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Intro to Ethnomusicology -or- Intro to Cultural 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 (Active)



ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

Voice Minor I

Large Ensemble I

ENGW 103/105

Large Ensemble II

Global Popular Music -or- Jazz History

MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3

Large Ensemble III

Large Ensemble IV

Practicum II

Small Ensemble I

General Electives (Options: To be determined in consultation with advisor) (2)

World Language and Culture Requirement (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

### Intro to Ethnomusicology -or- Intro to Cultural Anthropology

MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	3

## Music - Music Therapy Concentration - 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.

### Freshman Year First Semester

Item #	Title	Credits
	Physical Education (Active)	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 100	Guitar Instruction	1
	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
	Instrument Minor I	2
	<b>Sub-Total Credits</b>	<b>18</b>

## Freshman Year Second Semester

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 110	Functional Piano I/ Music Ther	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

Item #	Title	Credits
PSYC 050	Intro to Psychology	3
	Global Popular Music -or- 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

Item #	Title	Credits
MUSC 011	Music History II	3
MUSJ 102	Music Therapy II	3
MUSE 120	Funtional Piano II (Therapy)	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
MUTF 111	Guitar Ensemble I	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
SOCI 001	Introduction to Sociology	3
MUSD 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>15</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 102	Human Anatomy Lec/Lab	4
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
	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>17</b>

## Senior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Intro to Ethnomusicology -or- Intro to Cultural 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
	Physical Education (Active)	1
	<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>121</b>

## Category Descriptions

### Physical Education (Active)

ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

Large Ensemble I

Instrument Minor I

ENGW 103/105

Large Ensemble II

Global Popular Music -or- Jazz History

MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3

Instrument Minor III

Large Ensemble III

Large Ensemble IV

Practicum II

Instrument Minor V

Small Ensemble I

Instrument Minor VI

Small Ensemble II

### World Language and Culture Requirement (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

### Intro to Ethnomusicology -or- Intro to Cultural Anthropology

MUSC 009	Intro. to Ethnomusicology	3
ANTH 110	Intro to Cult Anthropology	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).

## Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Instrument Major I	3
	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
MUSE 011	Functional Piano I	1
	Physical Education (Active)	1
	<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
	Instrument Major II	3
	Large Ensemble II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSE 012	Functional Piano II	1
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	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
MUSE 021	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

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
MUSE 022	Functional Piano IV	1
MUTO 022	Student Recital IV	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 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

Item #	Title	Credits
	Physical Education (Active)	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
	Natural Science Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Instrument Major VII	2
	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>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Philosophy (Elective)	3
	Instrument Major VIII	3
	Small Ensemble II	1
MUSD 076	Intro to Music Technology I	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>120</b>



## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Instrument Major I

### Large Ensemble I

### Physical Education (Active)

### ENGW 103/105

### Instrument Major II

### Large Ensemble II

### Instrument Major III

### Large Ensemble III

### Social Science Elective

### Instrument Major IV

### Large Ensemble IV

### World Language and Culture Requirement (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

Natural Science Elective

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

**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).

### Freshman Year First Semester

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
MUTO 011	Student Recital I	0
MUSE 211	Piano Major I	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MUSE 212	Piano Major II	3
	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>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	Physical Education (Active)	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 221	Piano Major III	3
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MUSE 154	Vocal Accompanying	2
MUSE 222	Piano 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
MUTO 022	Student Recital IV	0
MUTO 111	Qualifying Recital	0
MUSB 016	Keyboard Harmony	2
	<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 231	Piano Major V	3
MUSI 076	Intro to Music Technology I	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 231	Piano Major V	3
MUSZ 112	Piano Trio Minor II	1
MUTO 032	Student Recital VI	0
MUTO 111	Qualifying Recital	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)	
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	
	Physical Education (Active)	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 Science Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	Natural Science Elective	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

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Large Ensemble I

### ENGW 103/105

### Large Ensemble II

### Physical Education (Active)

### Large Ensemble III

### Large Ensemble IV

### Philosophy (Elective)

### General Elective (Options: To be determined in consultation with advisor) (3)

### World Language and Culture Requirement (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

### Natural Science Elective

### **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).

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 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
MUTO 011	Student Recital I	0
MUSE 011	Functional Piano I	1
MUSG 156	Diction for Singers	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MUSG 157	Diction or Singers II	2
MUTL 012	University Choir II	1
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSE 012	Functional Piano 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
MUTL 021	University Choir III	1
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSC 010	Music History I	3
MUSE 021	Functional Piano 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
	Instrument Major IV	3
MUTL 022	University Choir IV	1
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSC 011	Music History II	3
MUSE 022	Functional Piano 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 (Active)	1
MUTL 031	University Choir V	1
MUSG 255	Voice Pedagogy	3
MUSB 124	Form and Analysis	3
MUSC 012	Music History III	3
MUTO 031	Student Recital V	0
MUSG 171	Opera Ens. Workshop I	1
	<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	3
MUTL 032	University Choir VI	1
MUTO 032	Student Recital VI	0
MUTO 111	Qualifying Recital	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
FREN 001	French I	3
MUTL 041	University Choir VII	1
	Physical Education (Active)	1
MUSG 172	Opera Ens. Workshop II	1
MATH 006	College Algebra I	3
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
	1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)	
	Philosophy (Elective)	3
FREN 002	French II	3
MUTL 042	University Choir VIII	1
MUTO 042	Student Recital VIII	0
MUTO 112	Senior Recital	0
	<b>Sub-Total Credits</b>	<b>11</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### Large Ensemble I

### ENGW 103/105

### Instrument Major IV

### Physical Education (Active)

### 1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

(Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

### Philosophy (Elective)

### Music History - Jazz Performance Concentration (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.

### 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
MUSH 011	Improvisation I	2
MUSE 011	Functional Piano I	1
	MU** - Performance Minor	2
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
MUSH 012	Improvisation II	2
MUSE 012	Functional Piano II	1
	MU** - Performance Minor	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
MUSI 110	Jazz History	3
	History/Literature/Sociology Elective	3
MUSH 021	Improvisation III	2
MUSI 101	Jazz Theory I	3
MUSE 021	Functional Piano III	1
	MU** - Performance Minor	2
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MUSC 011	Music History II	3
ARTH 161	Art Appreciation	3
MUSH 022	Improvisation IV	2
MUSI 102	Jazz Theory II	3
MUSE 022	Functional Piano IV	1
	MU** - Performance Minor	2
MUTO 022	Student Recital IV	0
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
	MU** - Music History Elective	3
	MU** - Performance Minor	2
MUTO 031	Student Recital V	0
	MU** - Music Theory Elective	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MUSC 008	African & Afro-Amer Music Lit	3
	MU** - Music History Elective	3
	MU** - Performance Minor	2
MUTO 032	Student Recital VI	0
	Physical Education (Active)	1
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
MUSC 207	Individual Research	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSC 207	Individual Research	3
	MU** - Music History Elective	3
	History/Literature/Sociology Elective	3
	MU** - Performance Minor	2
MUTO 041	Student Recital VII	0
	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>
MUSC 201	Senior Thesis	1
	History/Literature/Sociology Elective	3
	Physical Education (Active)	1
	MU** - Performance Minor	2
MUTO 042	Student Recital VIII	0
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### MU\*\* - Performance Minor

### ENGW 103/105

### History/Literature/Sociology Elective

### MU\*\* - Music History Elective

MUSC 009	Intro. to Ethnomusicology	3
MUSC 103	The Symphony	3
MUSC 105	Choral Music	3
MUSC 106	Dramatic Music	3
MUSC 110	Global Popular Music	3

MUSI 110	Jazz History	3
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### MU\*\* - Music Theory Elective

MUSB 043	Counterpoint	3
MUSB 103	Orchestration	3
MUSB 124	Form and Analysis	3
MUSI 160	Vocal Arranging I	3
MUSI 143	Vocal Arranging II	3
MUSI 183	Jazz Arranging I	3
MUSI 184	Jazz Arranging II	3

### World Language and Culture Requirement (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 (Active)

General Elective (Options: To be determined in consultation with advisor) (3)

General Electives (Options: To be determined in consultation with advisor) (4)

### Music History Classical Performance Track (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
MUSE 011	Functional Piano I	1
	MU** - Performance Minor	2
MATH 006	College Algebra I	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	History/Literature/Sociology Elective	3
MUSB 004	Elem Ear Trng/Sight Singing II	2
MUSB 022	Elementary Harmony II	3
MUSE 022	Functional Piano IV	1
MUSE 012	Functional Piano II	1
	MU** - Performance Minor	2
MUTO 012	Student Recital II	0
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
MUSC 010	Music History I	3
	History/Literature/Sociology Elective	3
MUSB 011	Adv Ear Trng/Sight Singing I	2
MUSB 041	Advanced Harmony I	3
MUSE 021	Functional Piano III	1
	MU** - Performance Minor	2
MUTO 021	Student Recital III	0
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

Item #	Title	Credits
MUSC 011	Music History II	3
ARTH 161	Art Appreciation	3
MUSB 012	Adv Ear Trng/Sight Singing II	2
MUSB 042	Advanced Harmony II	3
MUSE 022	Functional Piano IV	1
	MU** - Performance Minor	2
MUTO 022	Student Recital IV	0
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
	MU** - Music History Elective	3
	MU** - Performance Minor	2
MUTO 031	Student Recital V	0
	MU** - Music Theory Elective	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MUSC 008	African & Afro-Amer Music Lit	3
	MU** - Music History Elective	3
	MU** - Performance Minor	2
MUTO 032	Student Recital VI	0
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
MUSC 207	Individual Research	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
MUSC 207	Individual Research	3
	MU** - Music History Elective	3
	Electives (Options: To be determined in consultation with advisor) (5)	5
	MU** - Performance Minor	2
MUTO 041	Student Recital VII	0
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
MUSC 201	Senior Thesis	1
	History/Literature/Sociology Elective	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	MU** - Performance Minor	2
MUTO 042	Student Recital VIII	0
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### MU\*\* - Performance Minor

### ENGW 103/105

### History/Literature/Sociology Elective

### MU\*\* - Music History Elective

MUSC 009	Intro. to Ethnomusicology	3
MUSC 103	The Symphony	3
MUSC 105	Choral Music	3
MUSC 106	Dramatic Music	3
MUSC 110	Global Popular Music	3
MUSI 110	Jazz History	3

### MU\*\* - Music Theory Elective

MUSB 043	Counterpoint	3
MUSB 103	Orchestration	3
MUSB 124	Form and Analysis	3
MUSI 160	Vocal Arranging I	3
MUSI 143	Vocal Arranging II	3
MUSI 183	Jazz Arranging I	3
MUSI 184	Jazz Arranging II	3

### World Language and Culture Requirement (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



Electives (Options: To be determined in consultation with advisor) (5)

4 English electives ABOVE the 100 Level

Physical Education (Active)General Electives (Options: To be determined in consultation with advisor) (6)

## Theatre Arts

### Theatre Arts - Acting (B.F.A.)

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.

### 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
	ENGW 101/102/104	3
THDN 053	Dance Fundamentals I	2
FRSM 002	Freshman Seminar II	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
THTT 101	Stagcraft I	3
	ENGW 103/105	3
THFD 081	Play Reading	3
THTT 111	Stagecraft I - Lab	1
	<b>Sub-Total Credits</b>	<b>18</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 020	3
THTT 057	Stage Make-up Lab	3
THTT 156	Independent Study: Stage Management	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
THAC 024	Act Chcter/Scene Std II-Majors	3
THFD 181	Theatre History II	3
THTT 102	Stagcraft II	3
THAC 030	Beginning Directing	3
MATH 005	College Algebra I WR	4
THTT 112	Stagecraft II - Lab	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
THAC 120	Act:Ch-Scene Stdy 3/Lab-Mjrs	4
	ARTH 161/164	3
	Humanities Elective	3
	THTT 105/052/053	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>16</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
	Humanities Requirement	3
THFD 203	Shakespeare for Actors-Majors	3
THAC 001	Production Practicum I	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THAC 122	Acting: Styles I-Majors Only	3
PHIL 055/057	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### 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

### Humanities Elective

### THTT 105/052/053

Choose between THTT 105, 052, or 053

General Elective (Options: To be determined in consultation with advisor) (3)

Humanities Requirement

**Humanities Requirement**

**Theatre Arts - Dance (B.F.A.)**

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.

**Freshman Year First Semester**

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THDN 067	Kines. Character Develop & Sto	3
	THFD 201 or NUTR 106	3
	ENGW 101/102/104	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>13</b>

**Freshman Year Second Semester**

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THDN 007	Ballet I (Dance Mjrs)	2
MATH 005	College Algebra I WR	4
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	1
HHPL 002	Beginning Swimming	1
	World Language and Culture Requirement (Options: See Elective 3 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 001	Modern I	2
THDN 031	Anat/Kinesiology	3
THDN 022	Dance Composition II	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
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 003	Modern III	2
THDN 024	Dance Composition IV	2
THDN 062	Contemporary Trends in Dance I	2
THMT 041	Int to Theory for Music Thea	3
THDN 071	Dance Major Movement Tech	2
<b>Sub-Total Credits</b>		<b>13</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 200	Dance/Theatre Practicum	2
	HHPL 011/061	1
THDN 071	Dance Major Movement Tech	2
<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
THTT 101	Stagcraft I	3
THTT 111	Stagecraft I - Lab	1
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
THTT 207	Stage Management	3
THTT 105	Intro to Design	3
THDN 225	Dance Technical Production II	1
THTT 102	Stagcraft II	3
THDN 061	Dance Senior Seminar II	3
THTT 112	Stagecraft II - Lab	1
<b>Sub-Total Credits</b>		<b>14</b>
<b>Total credits:</b>		<b>121</b>

## Category Descriptions

### THFD 201 or NUTR 106

Choose between THFD 201 or NUTR 106

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### World Language and Culture Requirement (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

## HHPL 011/061

### Theatre Arts - Musical Theatre (B.F.A.)

#### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
THAC 021	Acting Tech I-Acting Majors	3
THDN 053	Dance Fundamentals I	2
THMT 111	Voice - Music Thea-Mjrs Only	1
THMT 300	Piano for Musical Theatre	1
THMT 041	Int to Theory for Music Thea	3
THTT 101	Stagcraft I	3
THTT 111	Stagecraft I - Lab	1
FRSM 002	Freshman Seminar II	1
	<b>Sub-Total Credits</b>	<b>18</b>

#### Freshman Year Second Semester

Item #	Title	Credits
	Natural or Social Sciences	3
	ENGW 103/105	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 301	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 102	Stagcraft II	3
THTT 112	Stagecraft II - Lab	1
	<b>Sub-Total Credits</b>	<b>15</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
THFD 080	Play Analysis	3
THTT 057	Stage Make-up Lab	3
	1 Credit General Elective (Options: Any 1 credit course offered at 1 the university, tbd in consultation with advisor)	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
THMT 065	Tap I-Majors Only	2
THMT 115	Voice - Music Thea-Mjrs Only	1
THMT 100	Music Theatre Tech I-Mjrs Only	3
THFD 180	Theatre History I	3
ARTH 161	Art Appreciation	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
THAC 121	Act: Ch-Scene Study IV/Lab	4
THDN 066	Dance Fundamentals III	2
THMT 116	Voice - Music Thea-Mjrs Only	1
THMT 105	History of Musical Theatre	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Humanities Elective	3
THAC 211 or THAC 030 or THAC 124	Act for Film/TV I-Majors Only	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>15</b>



## Senior Year Second Semester

Item #	Title	Credits
	Humanities Elective	3
THAC 001	Production Practicum I	1
THAC 002	Production Practicum II	1
THAC 003	Production Practicum III	1
THMT 068	Jazz II	2
THMT 118	Voice - Music Thea-Mjrs Only	1
THMT 103	Music Thea Tech III-Mjrs Only	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>122</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Natural or Social Sciences

### ENGW 103/105

1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

(Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

### 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)

## Humanities Elective

## Humanities Elective

### Theatre Arts - Theatre Arts Administration (B.F.A.)

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.

#### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTA 090	Intro to Theatre Mgmt I	3
THTT 101 (4) / Lab	Stagecraft I (4 Credits)	4
THTT 105	Intro to Design	3
	ENGW 101/102/104	3
THFD 080	Play Analysis	3
FRSM 002	Freshman Seminar II	1
	<b>Sub-Total Credits</b>	<b>17</b>

#### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THTA 091	Intro to Theatre Mgmt II	3
THTT 102 (4) / Lab	Stagecraft II	4
THTA 156	Stage Management	3
	ENGW 103/105	3
	Restricted Electives	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 009	Tech Writing Pre-Professional	3
THTA 001	Theatre Arts Admin Lab I	1
THTA 212	Human Resource Management	3
ECON 180	Statistics-Bus & Econ	3
	THFD 180 OR THDN 029	3
	<b>Sub-Total Credits</b>	<b>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
SLMC 101	Principles of Speech	3
	Restricted Electives	3
	Theatre Electives	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
THAC 001	Production Practicum I	1
THTA 211	Arts and Innovation	3
THTA 094	Prod Mgmt (Theatre Arts Mjrs)	3
SLMC 210	Intro to Strategic Communication	3
	<b>Sub-Total Credits</b>	<b>14</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
THTT 303	Design Studio I	3
SOCI 020	Introduction to Social Psych	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
THTA 005	Theatre Arts Admin Lab V	2
	<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
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	Restricted Electives	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>121</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Restricted Electives

Choose between: JOUR 206; THFD 081; THTA 206; THTA 096

### THFD 180 OR THDN 029

Choose between THFD 180 or THDN 029

### THFD 181 OR THDN 030

Choose between THFD 181 OR THDN 030

### Theatre Electives

### Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)

## Theatre Arts Technology (B.F.A.)

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.

### Freshman Year First Semester

Item #	Title	Credits
THTT 101 (3)	Stagecraft I (3 Credits)	3
THTT 111	Stagecraft I - Lab	1
THTT 105	Intro to Design	3
FRSM 002	Freshman Seminar II	1
ENGW 101/102	Freshman English Writing	3
MATH 005	College Algebra I WR	4
THTT 103	Hand Drafting	3
<b>Sub-Total Credits</b>		<b>18</b>

### Freshman Year Second Semester

Item #	Title	Credits
THTT 112	Stagecraft II - Lab	1
THTT 104	Computer Aided Drafting	3
THTT 106	Drawing & Painting Skills	3
ENGW 103	Persuasive Writing & Research	3
	African American Cluster (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
THTT 201	Theatre Technology I	3
	THTT 203/205/207	3
THFD 080	Play Analysis	3
THFD 180	Theatre History I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Sub-Total Credits</b>		<b>18</b>

### Sophomore Year Second Semester

Item #	Title	Credits
THTT 202	Theatre Technology II	3
	THTT 204/208	3
THFD 181	Theatre History II	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
PHIL 055	Intro to Philosophy	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 313	Portfolio	3
THTT 305	Period Styles I	3
	THTT 307/309/311	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 314	Bus of the Entertain. Industry	3
THTT 306	Period Styles II	3
	THTT 308/312 -or- THTA 094	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
THTT 401	Design/Tech Practicum	3
THTT 403	Design Studio III	3
	THTT 405/407	3
THTT 409	Design/Tech. Internship	3
THAC 030	Beginning Directing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
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 3 advisor) (3)	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>127</b>

## Category Descriptions

### African American Cluster (Options: see Elective Group Descriptions)

	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
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THTT 203/205/207

World Language and Culture Requirement (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)

THTT 204/208

THTT 307/309/311

THTT 308/312 -or- THTA 094

Choose between THTT 308, THTT 312, or THTA 094.

THTT 405/407

## College of Arts & Sciences

### African Studies

#### African Studies Minor (15 Credit hours)

Item #	Title	Credits
AFST 101	Intro to Contemporary Africa	3
AFST 111	African Systems of Thought	3
	General Electives (Options: To be determined in consultation with advisor) (9)	9
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### General Electives (Options: To be determined in consultation with advisor) (9)

#### Afro-American Studies

##### Afro-American Studies Minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AFRO 005	Intro Afro-American Studies I	3
AFRO 006	Intro Afro-America Studies II	3
	Afro-American Minor Electives (Options: To be determined in consultation with advisor)	9
<b>Total credits:</b>		<b>15</b>

## Category Descriptions

### Afro-American Minor Electives (Options: To be determined in consultation with advisor)

#### Arabic

##### Arabic Minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARAB 040	Grammar Review	3
ARAB 050	Oral Expression I	3
ARAB 052	Reading and Writing Workshop	3
	Arabic Minor Elective Group (Options: To be determined in consultation with advisor)	3
<b>Total credits:</b>		<b>15</b>

## Category Descriptions

### Arabic Minor Elective Group (Options: To be determined in consultation with advisor)

#### Biology



## Biology Minor (16 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 101	General Biology Lec/Lab	4
BIOL 102	General Biology Lec/ Lab	4
BIOL 200	Genetics Lec/Lab	4
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	<b>Total credits:</b>	<b>16</b>

## Category Descriptions

General Electives (Options: To be determined in consultation with advisor) (4)

## Caribbean Studies

### Caribbean Studies Minor (18 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Intro to Caribbean Literature -or- Modern Caribbean Literature -or- Caribbean Genres	3
AFRO 163	Black Experience in Caribbean	3
PHIL 135	Afro Caribbean Philosophy	3
	General Electives (Options: To be determined in consultation with advisor) (9)	9
	<b>Total credits:</b>	<b>18</b>

## Category Descriptions

Intro to Caribbean Literature -or- Modern Caribbean Literature -or- Caribbean Genres

ENGL 056	Introduction to Caribbean Lit	3
ENGL 225	Modern Caribbean Lit	3
ENGL 227	Caribbean Genre	3

General Electives (Options: To be determined in consultation with advisor) (9)

## Chemistry

## Chemistry Minor (19 Credit Hours)

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 004	Gen Chemistry II	4
CHEM 005	Gen Chem Lab I	1
CHEM 006	General Chem Lab II	1
CHEM 141	Organic Chemistry I (Lecture)	3
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
	<b>Total credits:</b>	<b>19</b>

## Classical Civilization

### Classical Civilization Minor (15 Credit Hours)

Item #	Title	Credits
	Classical Civilization Minor Elective (Options: To be determined in consultation with advisor)	15
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

Classical Civilization Minor Elective (Options: To be determined in consultation with advisor)

## Community Development

### Community Development Minor (15 credit Hours)

Item #	Title	Credits
ECON 138	Seminar in Community Dev.	3
ECON 188	The Econ of Blk Community Dev	3
	Internship (3)	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

Internship (3)

General Electives (Options: To be determined in consultation with advisor) (6)

## Criminology

### Criminology Minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SOCI 001	Introduction to Sociology	3
SOCI 070	Criminology	3
SOCI 170	Principles of Criminal Justice	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

General Electives (Options: To be determined in consultation with advisor) (6)

## Economics

### Economics Minor (18 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 001	Principles of Economics I	3
ECON 002	Principles of Economics II	3
ECON 170	Intermediate Microeconomics	3
ECON 171	Intermediate Macroecon Theory	3
ECON 180	Statistics-Bus & Econ	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Total credits:</b>	<b>18</b>

## Category Descriptions

General Elective (Options: To be determined in consultation with advisor) (3)

## English

### English Minor (18 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 104	Sophomore Sem I	3
ENGL 105	Sophomore Seminar II	3
	English Minor Electives (Options: To be determined in consultation with advisor)	12

## Category Descriptions

### English Minor Electives (Options: To be determined in consultation with advisor)

4 English electives ABOVE the 100 Level

## Environmental Science

### Environmental Science Minor (15 - 16 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 801	Environmental Studies I	3
AFST 121	Environ & Society in Africa	3
BIOL 204	Science & Public Policy	3
SOCI 199	Environmental Inequality	3
	Natural or Physical Science Elective (Environmental Science Minor)	3-4
<b>Total credits:</b>		<b>15-16</b>

## Category Descriptions

### Natural or Physical Science Elective (Environmental Science Minor)

Must be a Natural Science or Physical Science elective (Global Climate Change, Ecology, Data Science and Environmental Justice, etc.)

## Environmental Studies

### Environmental Studies (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 801	Environmental Studies I	3
AFST 121	Environ & Society in Africa	3
BIOL 204	Science & Public Policy	3
SOCI 199	Environmental Inequality	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
<b>Total credits:</b>		<b>15</b>

## Category Descriptions

General Elective (Options: To be determined in consultation with advisor) (3)

### French

#### French minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FREN 040	Intensive Grammar Review	3
FREN 050	Oral Communication I	3
FREN 052	Language and Thoughts	3
FREN 060	Social Discourses	3
	French Elective	3
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### French Elective

### Geography

**Not accepting students at this time.**

#### Geography Minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HIST 101	World Geography	3
	General Electives (Options: To be determined in consultation with advisor) (12)	12
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

General Electives (Options: To be determined in consultation with advisor) (12)

### German

## German Minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GERM 040	Grammar Review	3
GERM 050	Oral Proficiency I	3
GERM 052	Written Proficiency I	3
GERM 065	Simultaneous Interp I	3
	German Minor Elective	3
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### German Minor Elective

### Greek

## Greek Minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CLAS 010	Elementary Greek I	3
CLAS 011	Elementary Greek II	3
CLAS 012	Intermediate Greek III	3
CLAS 013	Intermediate Greek IV	3
	Greek Minor Elective	3
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### Greek Minor Elective

### Health Education

This minor has concentrations:

- Community Health
- Maternal and Child Health

## Health Education Community Health Minor (15 Credit Hours)

Item #	Title	Credits
HHPL 163	Foundation of Health Promotion	3
HHPL 157	Health Prob of Child & Youth	3
HHPL 165	Hlth of Wmn, Child & Families	3
HHPL 152	Meth&Mat Hlth Ed	3
HHPL 167	MCH-Institute	3
<b>Sub-Total Credits</b>		<b>15</b>

## Maternal and Child Health

Item #	Title	Credits
HHPL 157	Health Prob of Child & Youth	3
HHPL 165	Hlth of Wmn, Child & Families	3
HHPL 152	Meth&Mat Hlth Ed	3
HHPL 167	MCH-Institute	3
HUDV 113	Prenatal Infant & EC Dev	3
<b>Sub-Total Credits</b>		<b>15</b>
<b>Total credits:</b>		<b>15</b>

## History

### History (15 Credit Hours)

Item #	Title	Credits
HIST 003	Intro to History	3
	General Electives (Options: To be determined in consultation with advisor) (12)	12
<b>Total credits:</b>		<b>15</b>

## Category Descriptions

General Electives (Options: To be determined in consultation with advisor) (12)

## Interdisciplinary Studies Minor - Humanities Ancient to Modern

### Interdisciplinary Studies Minor - Humanities (15 Credit Hours)

Item #	Title	Credits
CLAS 050	IH: Ancient Egypt & Near East	3
CLAS 051	IH: Ancient Greece and Rome	3
	Interdisciplinary Studies - Humanities Minor Elective (Options: To be determined in consultation with advisor)	9
<b>Total credits:</b>		<b>15</b>

## Category Descriptions

### Interdisciplinary Studies - Humanities Minor Elective (Options: To be determined in consultation with advisor)

Elective Requirements:

- Nine credits in courses should be taken in one of three focus areas in the major for Interdisciplinary Studies - Humanities, Ancient and Modern Studies.
  - (Please see the current list for majors and consult with your advisor.)
- One course must be in Ancient Studies and two courses must be Modern Studies.

**Choose ONE of the following:**

### Interdisciplinary Studies Minor - International Affairs

#### Interdisciplinary Studies Minor - International Affairs (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Interdisciplinary Studies - International Affairs Minor Elective (Options: To be determined in consultation with advisor)	3
	General Electives (Options: To be determined in consultation with advisor) (12)	12
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### Interdisciplinary Studies - International Affairs Minor Elective (Options: To be determined in consultation with advisor)

Elective Requirements:

- Select **one** of the following core cores:

**Choose ONE of the following:**

POLS 001	Intro to Political Science	3
POLS 004	Intro to Political Theory	3
POLS 006	Pan-Africanism	3
POLS 008	Intro to Political Economy	3
POLS 128	Intro. to Intl. Relations	3

### General Electives (Options: To be determined in consultation with advisor) (12)



## Japanese

### Japanese Minor (15 Credit Hours)

Item #	Title	Credits
JAPN 040	Grammar Review	3
JAPN 050	Oral Expression I	3
JAPN 052	Reading Writing Workshop	3
JAPN 060	Text Analysis	3
	Japanese Minor Elective	3
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### Japanese Minor Elective

## Latin

### Latin Minor (18 Credit Hours)

Item #	Title	Credits
CLAS 001	Elementary Latin I	3
CLAS 002	Elementary Latin II	3
CLAS 003	Intermediate Latin III -or- IV	3
CLAS 003	Intermediate Latin III -or- IV	3
CLAS 152	Latin Prose Composition	3
	Latin Minor Elective	3
	<b>Total credits:</b>	<b>18</b>

## Category Descriptions

### Latin Minor Elective

## Mathematics

### Mathematics Minor (16 Credit Hours)

Item #	Title	Credits
MATH 101	Proof and Problem Seminar I	1
MATH 156	Calculus I	4
MATH 157	Calculus II	4
MATH 158	Calculus III	4
	Math Elective (Options: Courses under code MATH) (3)	3

## Category Descriptions

### Math Elective (Options: Courses under code MATH) (3)

## Military /Aerospace Leadership

The leadership minor is intended for students who want to explore further the theoretical foundations of leadership. This is an interdisciplinary minor that draws on different conceptions of leadership from across the curriculum. Students from a variety of academic areas are encouraged to participate in this educational experience. Courses for this program are designed to inform students about the concepts, theories, and issues related to leadership. Students may choose to pursue a leadership minor using either the Military Science, Naval Science, or Aerospace Science track.

This program consists of approximately 16 - 18 credit hours. Please consult an advisor for requirements.

## Military Science Minor (18 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Elective or Military Branch Core Course (Options: To be determined in consultation with advisor)	3
	Elective or Military Branch Core Course (Options: To be determined in consultation with advisor)	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Total credits:</b>	<b>16-18</b>

## Category Descriptions

### Elective or Military Branch Core Course (Options: To be determined in consultation with advisor)

### General Electives (Options: To be determined in consultation with advisor) (6)

## Philosophy

## Philosophy Minor (18 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Philosophy Electives	6
	Philosophy (Elective)	3
	Philosophy (Elective)	3
	Philosophy (Elective)	3
	Philosophy (Elective)	3
	<b>Total credits:</b>	<b>18</b>

## Category Descriptions

### Philosophy Electives

Any 6 credits of the following courses:

PHIL 110	Classical Ethics	3
PHIL 150	Epistemology	3
PHIL 151	Metaphysics	3
PHIL 175	Symbolic Logic	3
PHIL 179	History of Africana Philosophy	3

### Philosophy (Elective)

## Physics

### Physics Minor (18 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 024	Phys for Sci & Engr Lab II	1
PHYS 015	Intro to Modern Physics	3
PHYS 025	Phys for Sci & Engr Lab III	1
	Physics Minor Electives (Options: To be determined in consultation with advisor)	6
	<b>Total credits:</b>	<b>18</b>

## Category Descriptions

### Physics Minor Electives (Options: To be determined in consultation with advisor)

## Political Science

### Political Science Minor (15 Credit Hours)

Item #	Title	Credits
POLS 010	Nat'l Gov't of the U S	3
POLS 002	Intro to Research in Pol Sci	3
	General Elective (Options: To be determined in consultation with advisor) (9)	9
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

General Elective (Options: To be determined in consultation with advisor) (9)

## Portuguese

### Portuguese Minor (15 credit Hours)

Item #	Title	Credits
PORT 040	Intensive Grammar Review	3
PORT 050	Oral Expression I	3
PORT 077	Advanced Grammar & Comp	3
	Portuguese Minor Elective	6
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

Portuguese Minor Elective

## Psychology

### Psychology Minor (17 Credit Hours)

Item #	Title	Credits
PSYC 001	Foundations of Psyc Science	4
PSYC 002	Research Design & Analysis	4
	Psychology Core Course	3
	Psychology Elective Group (Options: To be determined in consultation with advisor) - 6	6
	<b>Total credits:</b>	<b>17</b>

## Category Descriptions

### Psychology Core Course

Core Content Domain Courses

Psychology Majors: Choose any 4 courses Psychology Minors: Choose 1 course

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

Psychology Elective Group (Options: To be determined in consultation with advisor) - 6

## Russian

### Russian Minor (15 credit Hours)

Item #	Title	Credits
RUSS 125	Russian Composition	3
RUSS 126	Advanced Russian II	3
	Russian Minor Elective	9
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### Russian Minor Elective

## Sociology

### Sociology Minor (15 Credit Hours)

Item #	Title	Credits
SOCI 001	Introduction to Sociology	3
	General Electives (Options: To be determined in consultation with advisor) (12)	12
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### General Electives (Options: To be determined in consultation with advisor) (12)

#### Spanish

##### Spanish Minor (15 Credit Hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPAN 040	Grammar Structures	3
SPAN 050	Oral Communication I	3
SPAN 052	Reading & Writing	3
	Spanish Elective	3
	Spanish Elective	3
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### Spanish Elective

#### Sports Administration

##### Sports Administration Minor (18 Credit hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 141	Intro to Sport Management	3
HHPL 144	Sports Law (Majors Only)	3
HHPL 145	Sports Marketing	3
	Sports Administration Minor Electives (Options: To be determined in consultation with advisor)	9
	<b>Total credits:</b>	<b>18</b>

## Category Descriptions

### Sports Administration Minor Electives (Options: To be determined in consultation with advisor)

HHPL 147	Sports & Media (Majors Only)	3
HHPL 148	Governance	3
HHPL 149	Fac & Event Mgmt	3
HHPL 221	Budget & Fin-Leisure & Sport	3

## Swahili

### Swahili Minor (15 Credit Hours)

Item #	Title	Credits
SWAH 040	Intensive Grammar Review	3
SWAH 050	Oral Expression I	3
SWAH 052	Reading/Wrtg Wkshop	3
	Swahili Minor Elective	6
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### Swahili Minor Elective

## Women's, Gender and Sexualities Studies Minor

### Women, Gender and Sexuality Minor (15 Credit Hours)

Item #	Title	Credits
	IDS: Women, Gender and Sexuality -Required Courses	6
	Women, Gender and Sexuality Minor Electives (Options: To be determined in consultation with advisor)	9
	<b>Total credits:</b>	<b>15</b>

## Category Descriptions

### IDS: Women, Gender and Sexuality -Required Courses

Students are required to choose two required classes out of the four options listed below:

[IDS 110 Women, Gender & Sexualities](#)

[IDS 111 Black Feminist Theory](#)

[ENGL 286 Intro to Black LGBTQ Studies](#)

[POLS 100 Black Queer Politics](#)

**Choose Two of the following:**

Women, Gender and Sexuality Minor Electives (Options: To be determined in consultation with advisor)

AFRO 185	Black Women in America	3
AFRO 186	Black Women in America II	3
ARTH 195	Blk Women in Visual Culture	3
CLAS 114	Love in Antiquity	3
CLAS 113	Women in the Ancient World	3
ENGL 286	Intro to Black LGBTQ Studies	3
HHPL 153	Human Sexuality	3
HHPL 160	Women's Health	1
HHPL 165	Hlth of Wmn, Child & Families	3
HIST 147	Afri Amer Women in US Hist I	3
HIST 161	Sem:Sex,Gen, Power in Atlantic	3
HIST 747	Af-Am Women History	3
HUMA 107	Women in Literature	3
POLS 100	Black Queer Politics	3
POLS 154	Gender, Law & Politics	3
PSYC 032	Psychology of Gender	3
SOCI 166	Race, Class and Gender	3
SOCI 180	The Family	3

## Bachelor of Arts/Juris Doctorate

Please consult with the Preprofessional Office in the College of Arts and Sciences.

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**Total credits:** **0**

## Bachelor of Science/Doctor of Dentistry

Please consult with the Preprofessional Office in the College of Arts and Sciences.

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**Total credits:** **0**

## Bachelor of Science/Doctor of Medicine

Please consult with the Preprofessional Office in the College of Arts and Sciences.

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**Total credits:** **0**

# 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.

### Freshman Year First Semester

Item #	Title	Credits
AFST 101	Intro to Contemporary Africa	3
	Science Elective (4)	4
	Freshman Composition	3
MATH 009	Intro to Statistics	4
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>18</b>

### Freshman Year Second Semester

Item #	Title	Credits
AFST 102	Science Tech & African Develop	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Humanities Elective	3
	ENGW 003/105	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
AFST 105	African Language & Culture	3
	Major Elective (Options: To be determined in consultation with advisor) (2)	2
	Humanities Elective	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Quantitative Reasoning Course	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
AFST 106	HIV/AIDS In Africa	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
AFST 120	Traff.&Destr. African Heritage	3
	Speech (Options: To be determined in consultation with advisor) (3)	3
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	Global Experience	3
	Global Experience	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	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>

## Junior Year Second Semester

Item #	Title	Credits
AFST 184	Directed Research	3
	Science Requirement	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year First Semester

Item #	Title	Credits
AFST 182	Seminar in Regional Studies	3
AFST 183	Internship in African Study	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>

## Senior Year Second Semester

Item #	Title	Credits
AFST 191	Senior Colloquium	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	General Elective (Options: To be determined in consultation with 3 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

### Science Elective (4)

### Freshman Composition

Courses under ENGL

### World Language and Culture Requirement (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

### Major Elective (Options: To be determined in consultation with advisor) (3)

### Humanities Elective

### ENGW 003/105

ENGW: Placement based on ACTE/SATW scores used by the English Department.

Physical Education (Active)

Major Elective (Options: To be determined in consultation with advisor) (2)

Quantitative Reasoning Course

Speech (Options: To be determined in consultation with advisor)

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

Global Experience

General Elective (Options: To be determined in consultation with advisor) (3)

Social Science Elective

Science Requirement

General Electives (Options: To be determined in consultation with advisor) (2)

## 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 voluntary associations. The cultural concentration highlights the black experience in literature and popular culture.

### Freshman Year First Semester

Item #	Title	Credits
ENGW 104	Writing, Literacy, and Discourse	3
FRSM 001	Freshman Seminar	1
MATH 006	College Algebra I	3
AFRO 005	Intro Afro-American Studies I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>13</b>

### Freshman Year Second Semester

Item #	Title	Credits
ENGW 105	Reflective Writing and Portfolios	3
	Speech (Options: To be determined in consultation with advisor)	3
	Math Elective	3-4
AFRO 006	Intro Afro-America Studies II	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15-16</b>

### Sophomore Year First Semester

Item #	Title	Credits
	AFRO Course (Options: To be determined in consultation with advisor)	3
	AFRO Course (Options: To be determined in consultation with advisor)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities (Options: see Elective Group Descriptions)	3
	General 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
	Humanities (Options: see Elective Group Descriptions)	3
	AFRO Course (Options: To be determined in consultation with advisor)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Social Science Course	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	Natural Science Course	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Philosophy (Elective)	3
	AFRO Course (Options: To be determined in consultation with advisor)	3
	AFRO Course (Options: To be determined in consultation with advisor)	3
	Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
	Afro-American Cluster (Options: see Elective Group Descriptions   African-American Studies)	3
	Physical Education	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
AFRO 775	Prep-Practicum-Writing	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

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
	General Elective (Options: To be determined in consultation with advisor)	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Social Science Requirement	3
	General 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>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### World Language and Culture Requirement (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

### Speech (Options: To be determined in consultation with advisor)

#### Math Elective

Choose between the following course offerings.

MATH 012	Patterns in Math	3
MATH 007	Precalculus	4
MATH 010	College Algebra II	4
MATH 009	Intro to Statistics	4

### AFRO Course (Options: To be determined in consultation with advisor)

### Humanities (Options: see Elective Group Descriptions)

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 Elective (Options: To be determined in consultation with advisor)

### Social Science Course



## Natural Science Course

### Health Education Requirement (Options: Courses under subject code HHPL)

### Philosophy (Elective)

### Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

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	Intro 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 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

### General Elective (Options: To be determined in consultation with advisor) (3)

### Social Science 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	Intro to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Math	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

## 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.

### Freshman Year First Semester

Item #	Title	Credits
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
MATH 006	College Algebra I	3
IDSD 140	Intro to Social Justice	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	ENGW 103/105	3
BIOL 101	General Biology Lec/Lab	4
	Social Science Elective	3
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
PHIL 116	Intro to Interdisciplinary Bio	3
	3rd Writing	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Innovative Learning Requirement	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Quantitative Reasoning Course	3
	Social Science Elective	3
SOCI 183	Intro to Medical Sociology	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, First Semester

Item #	Title	Credits
PHIL 110	Classical Ethics	3
SOCI 015	Medical Traditions Across Cult	3
	Research Methods	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Major 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
PHIL 173	Ethics of Medical Care	3
BIOL 204	Science & Public Policy	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
	Senior Seminar (or other Phil.)	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
	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>

## Senior Year, Second Semester

Item #	Title	Credits
PHIL 205	Seminar in Bioethics	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
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### 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 055/057	Intro to Philosophy	3

PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

Health Education Requirement (Options: Courses under subject code HHPL)

ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

World Language and Culture Requirement (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

Social Science Elective

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

Innovative Learning Requirement



## Quantitative Reasoning Course

## Social Science Elective

## Research Methods

- SOCI 111 Social Methods and Techniques, or
- POLS 002. Introduction to Research in Political Science, or
- POLS 199. Behavioral Research Methods.

## Major Elective (Options: To be determined in consultation with advisor) (3)

## General Elective (Options: To be determined in consultation with advisor) (3)

## Senior Seminar (or other Phil.)

## 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's general education curriculum. Our Interdisciplinary Studies program comprises a set of courses that ground theory in practice, emphasize teamwork, utilize the scholar-practitioner model, and forge partnerships with government, industry, corporations, non-profit organizations, and community organizations to provide students with hands-on experience.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	ENGW 102/104	3
	World Language and Culture Requirement	3
	Humanities Elective	3
	Physical Education (Active)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	African Diasporic Cluster	3
	Mathematics Elective (Options: Courses under code MATH)	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

Item #	Title	Credits
	3rd Writing	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
ECON 001	Principles of Economics I	3
ECON 138	Seminar in Community Dev.	3
	Mathematics Elective (Options: Courses under code MATH)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
ECON 002	Principles of Economics II	3
ECON 188	The Econ of Blk Community Dev	3
SOCI 111	Sociological Methods	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ECON 180	Statistics-Bus & Econ	3
	Humanities Elective	3
SOCI 140	Urban Sociology	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Natural Science Elective	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
	General Elective (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>
	Minor (Options: To be determined in consultation with advisor) (3)	3
	Internship (3)	3
	Natural Science Elective	3
	Social Science Elective	3
	Innovative Learning Requirement	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Minor (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
	Internship (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

### ENGW 102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### World Language and Culture Requirement

### Humanities Elective



Physical Education (Active)

Health Education Requirement (Options: Courses under subject code HHPL)

ENGW 103/105

World Language and Culture Requirement (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

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

Mathematics Elective (Options: Courses under code MATH)

MATH 006/007	3
MATH 009 Intro to Statistics	4
MATH 010 College Algebra II	4
MATH 012 Patterns in Math	3
MATH 020 Fundamental Concepts of Mathematics for Education 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

### 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

### 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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### Natural Science Elective

### Social Science Elective

### 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 (3)

### Social Science Elective

### Innovative Learning Requirement



## Interdisciplinary Studies - Environmental Studies (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's general education curriculum. Our Interdisciplinary Studies program comprises a set of courses that ground theory in practice, emphasize teamwork, utilize the scholar-practitioner model, and forge partnerships with government, industry, corporations, non-profit organizations, and community organizations to provide students with hands-on experience.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
ENGW 104	Writing, Literacy, and Discourse	3
BIOL 801	Environmental Studies I	3
BIOL 101	General Biology Lec/Lab	4
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
CHEM 003	Gen Chemistry I	4
	Environmental Studies Elective	3
SOCI 199	Environmental Inequality	3
	Environmental Science Elective - Cloned	4
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 007	Precalculus	4
	Humanities Elective	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Innovative Learning Requirement	3
	<b>Sub-Total Credits</b>	<b>14</b>

### Sophomore Year Second Semester

Item #	Title	Credits
BIOL 204	Science & Public Policy	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	SOCI 110/111	3
AFST 121	Environ & Society in Africa	3
	General 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
	Environmental Studies Elective	3
	Environmental Studies Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
	World Language and Culture Requirement	3
	Experiential Learning	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year, Second Semester

Item #	Title	Credits
	Social Science Elective	3
	Humanities Elective	3
	African Diasporic Cluster	3
SLMC 101	Principles of Speech	3
	Experiential Learning	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, First Semester

Item #	Title	Credits
	Environmental Studies Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Environmental Studies Elective	3
	Social Science Elective	3
	3rd Writing	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 advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Humanities Elective	3
	Social Science Elective	3
	Environmental Studies Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Social Science Elective

ENGW 103/105

Environmental Studies Elective

Environmental Science Elective - Cloned

Humanities Elective

World Language and Culture Requirement (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

Health Education Requirement (Options: Courses under subject code HHPL)

Innovative Learning Requirement



SOCI 110/111

Choose between SOCI 110 or 111.

General Elective (Options: To be determined in consultation with advisor)

World Language and Culture Requirement

Experiential Learning

## African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

## 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

## Humanities Elective

## Social Science Elective

## Interdisciplinary Studies - Humanities, Ancient & Modern 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.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
ENGW 104	Writing, Literacy, and Discourse	3
	Humanities Elective	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Physical Education (Active)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Math Requirement	4
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
SLMC 101	Principles of Speech	3
	Social Science Elective	3
	African Diasporic Cluster	3
	Natural Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</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
	Social Science Elective	3
	General 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
	Innovative Learning Requirement	3
	Natural Science Elective	3
	General 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
	General 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
	Quantitative Reasoning Requirement	4
	General Elective (Options: To be determined in consultation with advisor)	3
	Foreign Language IV (Ancient)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year, First Semester

Item #	Title	Credits
	Capstone Project (INHU)	3
	Foreign Language (Ancient or Modern)	3
	General Elective (Options: To be determined in consultation with advisor)	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
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (PHIL or WLC)	3
IDSD 192	Independent Studies C	1-6
	<b>Sub-Total Credits</b>	<b>13-18</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Humanities 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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### Physical Education (Active)

#### Health Education Requirement (Options: Courses under subject code HHPL)

### Math Requirement

Choose between MATH 005, 006, 009 or 010.



ENGW 103/105

Social Science Elective

African Diasporic Cluster

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African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

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Natural Science Elective

Foreign Language I (Ancient)

INHU Area of Focus (Ancient)

General Elective (Options: To be determined in consultation with advisor)

Foreign Language II (Ancient)

Innovative Learning Requirement

  

Foreign Language III (Ancient)

INHU Area of Focus (Modern)

INHU Elective

Quantitative Reasoning Requirement

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<b>Quantitative Reasoning</b>	
Statistics Elective	4

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Foreign Language IV (Ancient)

Capstone Project (INHU)

Foreign Language (Ancient or Modern)

General Elective (CLAS or ENG)

General Elective (AFRO or Art History)

General Elective (Options: To be determined in consultation with advisor)

General Elective (PHIL or WLC)

### Interdisciplinary Studies - International Affairs (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's general education curriculum. Our Interdisciplinary Studies program comprises a set of courses that ground theory in practice, emphasize teamwork, utilize the scholar-practitioner model, and forge partnerships with government, industry, corporations, non-profit organizations, and community organizations to provide students with hands-on experience.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	ENGW 101/102/104	3
POLS 001	Intro to Political Science	3
	Math Requirement	4
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
POLS 008	Intro to Political Economy	3
POLS 002	Intro to Research in Pol Sci	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
<b>Sub-Total Credits</b>		<b>13</b>

## Sophomore Year First Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	3rd Writing	3
	Humanities Elective	3
POLS 006	Pan-Africanism	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
POLS 004	Intro to Political Theory	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	Natural Science Elective	3
	Social Science Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year, First Semester

Item #	Title	Credits
	Natural Science Elective	3
	Social Science Elective	3
	IA Course	3
	IA Course	3
	IA Course	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year, Second Semester

Item #	Title	Credits
POLS 150	Internship I	3
	IA Course	3
	IA Course	3
	General Elective (Options: To be determined in consultation with advisor)	3
	African Diasporic Cluster	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
	General Elective (Options: To be determined in consultation with advisor)	3
	1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)	1
	1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>8</b>

## Senior Year, Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Innovative Learning Requirement	3
	Minor or Gen. Ed Elective (Options: To be determined in consultation with advisor)	3
	Quantitative Reasoning Requirement	4
	IA Course	3
	IA Course	3
	<b>Sub-Total Credits</b>	<b>22</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### World Language and Culture Requirement (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**

Choose between ENGW 101, ENGW 102, OR ENGW 104

**Math Requirement**

Choose between MATH 005, 006, 009 or 010.

**Humanities Elective**

**ENGW 103/105**

**Health Education Requirement (Options: Courses under subject code HHPL)**

**3rd Writing**

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

**Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)**

**Natural Science Elective**

**Social Science Elective**

**IA Course**

POLS 001	Introduction to Political Science*
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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

General Elective (Options: To be determined in consultation with advisor)

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

1 Credit General Elective (Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

(Options: Any 1 credit course offered at the university, tbd in consultation with advisor)

Innovative Learning Requirement



Minor or Gen. Ed Elective (Options: To be determined in consultation with advisor)

Quantitative Reasoning Requirement

**Quantitative Reasoning**

Statistics Elective	4
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**Interdisciplinary Studies - Environmental Science Concentration (B.S.)**

The Howard University Interdisciplinary Environmental Sciences Major Concentration prepares students for leadership positions in environmental research, education, and scholarships that emphasizes the need to fully incorporate environmental justice into the scientific study and implementation of environmental solutions. This program focuses on environmental sciences solutions to challenges currently plaguing our nation and the

global community. This Major pays particular attention to issues disproportionately affecting people of color. Issues such as climate change and toxic exposures require scientific leadership and solutions that include the full diversity of all peoples. Howard University is uniquely positioned to train and educate student-scientists to meet this challenge. This Major Concentration consists of four components, including; foundation courses in environmental sciences, scientific research methods course(s) to provide strong training in empirical research and statistical and data analysis, advanced courses exposing students to the breadth of the field while allowing focus within the major, and a Capstone Experience in the form of an internship or research experience

### Freshmen Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
BIOL 101	General Biology Lec/Lab	4
BIOL 801	Environmental Studies I	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>

### Freshman Year Second Semester

Item #	Title	Credits
BIOL 102	General Biology Lec/ Lab	4
CHEM 003	Gen Chemistry I	4
SOCI 199	Environmental Inequality	3
	ENGW 103/105	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 007	Precalculus	4
IDSD 180	Global Climate Change	4
	Humanities Elective	3
	World Language and Culture Requirement	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

Item #	Title	Credits
BIOL 204	Science & Public Policy	3
	World Language and Culture Requirement	3
	Quantitative Reasoning Requirement	4
AFST 121	Environ & Society in Africa	3
	General Elective (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>
IDSD 190/191/192	Independent Studies A, B, C	3
	Environmental Science Elective	3
	World Language and Culture Requirement	3
	Environmental Studies Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Environmental Science Elective	3
	Social Science Elective	3
	Humanities Elective	3
	African Diasporic Cluster	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year, First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Environmental Studies Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Physical Education (Active)	1
	3rd Writing	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year, Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Humanities Elective	3
	Social Science Elective	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>120</b>

## Category Descriptions

ENGW 101/102/104



Choose between ENGW 101, ENGW 102, OR ENGW 104

Social Science Elective

ENGW 103/105

General Elective (Options: To be determined in consultation with advisor) (3)

Humanities Elective

World Language and Culture Requirement

Health Education Requirement (Options: Courses under subject code HHPL)

Quantitative Reasoning Requirement

**Quantitative Reasoning**

Statistics Elective

4

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General Elective (Options: To be determined in consultation with advisor)

Environmental Science Elective

Environmental Studies Elective

Social Science Elective

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

## Physical Education (Active)

### 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

# 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.

### 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
	Math Requirement (Biology Majors)	4
BIOL 102	General Biology Lec/ Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
BIOL 200	Genetics Lec/Lab	4
CHEM 141	Organic Chemistry I (Lecture)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
ENGL 009	Tech Writing Pre-Professional	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Biology Electives - (4) * (Options: Courses under code BIOL)	4
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities/Soc. Sci. Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
	Biology Elective (3crs) *	3
PHYS 001	General Physics Lec-Rec-Lab I	5
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities/Soc. Sci. Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

Item #	Title	Credits
	Biology Electives	4
PHYS 002	General Physics Lec-Rec-Lab II	5
	Humanities/Soc. Sci. Elective	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
	Physical Education	1
	Biology Requirement (4)	4
	Biology Electives - (4) * (Options: Courses under code BIOL)	4
BIOL 493	Senior Seminar	1
	Experiential Learning	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Innovative Learning Requirement	3
	Biology Elective (3crs) *	3
	African Diasporic Cluster	3
	Humanities/Soc. Sci. 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

### Math Requirement (Biology Majors)

MATH 009	Intro to Statistics	4
MATH 156	Calculus I	4
BIOL 430	Biostatistics Lec/Lab	4

### World Language and Culture Requirement (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

### Biology Electives - (4) \* (Options: Courses under code BIOL)

BIOL 205	Invertebrate Biology Lec/Lab	4
BIOL 207	Biosphere Lecture	4
BIOL 208	Native Plants	4
BIOL 210	Field Biology	4

BIOL 220	General Microbiology Lec/Lab	4
BIOL 230 - Ecology Lec/Lab	Ecology Lec/Lab	4
BIOL 251	Comparative Anatomy	4
BIOL 253 - Plant Anatomy	Plant Anatomy	4
BIOL 302 - Organismal Biology Lec/Lab	Organismal Biology Lec/Lab	4
BIOL 310	Cell Biology	4
BIOL 320	Molecular Biology Lec/Lab	4
BIOL 341	Animal Physiology	4
BIOL 344	Plant Physiology Lec/Lab	4
BIOL 403	Research in Parasitism (Consent of the Instructor)	4
BIOL 404	Parasitology	4
BIOL 405	Social Insects	4
BIOL 407	Ichthyology Lec/Lab	4
BIOL 408	Herpetology	4
BIOL 409	Animal Behavior Lec/Lab	4
BIOL 410	Plant Systematics	4
BIOL 413	Developmental Biology Lec	4
BIOL 415	Molecular Genetics	4
BIOL 416	Advanced Cytology Lec-Lab	4
BIOL 422	Immunology Lec/Lab	4
BIOL 425	Patho Bacteriology Lec/Lab	4
BIOL 426	Food Microbiology Lec/Lab	4
BIOL 430	Biostatistics Lec/Lab	4
BIOL 432	Plant Populations and Communities	4
BIOL 441	Endocrinology I Lec/Lab	4
BIOL 444	Neuroscience Lec/Lab	4
BIOL 445	Eukaryotic Gene Expression	4
BIOL 446	Mycology Lab	4
BIOL 448	Techniques in Biological Chemistry	4
BIOL 449	Population Genetics Lec-Lab	4
BIOL 450	Molecular Genetics Lec/Lab	4
BIOL 451	Ultrastructure	4
BIOL 452	Cell Signaling	4
BIOL 454	Principles of Plant Pathology	4
BIOL 455	Experimental Plant Morphogenesis	4
BIOL 457	Morphology of Lower Plants	4
BIOL 459	Morphology of Vascular Plants	4
BIOL 462	Biotechnology Lec/Lab	4
MDMI 103	Microbiology w/Lab	4

### Humanities/Soc. Sci. Elective

#### Biology Elective (3crs) \*

BIOL 190	Independent Investigations (Instructor Consent)	3
BIOL 390	Independent Investigations	3

BIOL 204	Science & Public Policy	3
BIOL 240	Evolution	3
BIOL 315 - Quantitative Biology	Quantitative Biology	3
BIOL 329	Global Climate Change Lec/Lab	4
BIOL 331	History and Philosophy of Science	3
BIOL 340	Bacterial Physiology	3
BIOL 348	Biogeochemistry	3
BIOL 390	Independent Investigations	3
BIOL 420	Cancer Biology	3
BIOL 421	Virology	3
BIOL 495/496	Honors Research	3
BIOL 801	Environmental Studies I	3
BIOL 802	Environmental Studies II	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	4
BIOL 416	Advanced Cytology Lec-Lab	4
BIOL 420	Cancer Biology	3
BIOL 421	Virology	3
BIOL 422	Immunology Lec/Lab	4
BIOL 425	Patho Bacteriology Lec/Lab	4
BIOL 441	Endocrinology I Lec/Lab	4
BIOL 450	Molecular Genetics Lec/Lab	4
BIOL 462	Biotechnology Lec/Lab	4
BIOL 500	Topics Cell & Molecular Biol	1
BIOL 219 - Top: Biological & Top: Biological & Social Aspec	Social Aspec	1
BIOL 251	Comparative Anatomy	4
BIOL 319	Aging Physiology	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	Ecology Lec/Lab	4
BIOL 240	Evolution	3

BIOL 328	Global Environment	2-4
BIOL 402	Insect Biology Lec/Lab	4
BIOL 404	Parasitology	4
BIOL 407	Ichthyology Lec/Lab	4
BIOL 409	Animal Behavior Lec/Lab	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	4
BIOL 432	Plant Populations and Communities	4
BIOL 449	Population Genetics Lec-Lab	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

General Elective (Options: To be determined in consultation with advisor) (3)

Physical Education

Biology Requirement (4)

CC, AP or EE Requirement or Elective

Experiential Learning

Health Education Requirement (Options: Courses under subject code HHPL)

Innovative Learning Requirement



## African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

# Chemistry

## Chemistry (B.S.)

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.

### Freshman Year First Semester

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	Humanities/Soc. Sci. Elective	3
FRSM 001	Freshman Seminar	1
ENGW 102	Expository Wrtg & Literacy Stu	3
MATH 007	Precalculus	4
	<b>Sub-Total Credits</b>	<b>17</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
ENGW 103	Persuasive Writing & Research	3
	Humanities/Soc. Sci. Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>



### Sophomore Year First Semester

Item #	Title	Credits
MATH 157	Calculus II	4
CHEM 141	Organic Chemistry I (Lecture)	3
	Humanities/Soc. Sci. Elective	3
	Experiential Learning	3
	Intercultural Knowledge / World Language	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year Second Semester

Item #	Title	Credits
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
MATH 158	Calculus III	4
	Intercultural Knowledge / World Language	3
	Physical Education (Sports Activity Course)	1
	<b>Sub-Total Credits</b>	<b>14</b>

### Junior Year First Semester

Item #	Title	Credits
	Physics I Lecture & Lab	5
CHEM 122	Analytical Chemistry	3
CHEM 123	Analytical Chemistry Lab	2
CHEM 151	Biochemistry I	3
	Intercultural Knowledge / World Language	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Junior Year Second Semester

Item #	Title	Credits
	Physics II Lecture and Lab	5
CHEM 126	Instr Methods of Analysis	3
CHEM 127	Instr Methods of Analysis Lab	2
	Oral Communication	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Senior Year First Semester

Item #	Title	Credits
CHEM 171	Physical Chemistry I	3
CHEM 173	Physical Chem Lab I	2
CHEM 101	Inorganic Chemistry	3
	General Electives	3
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 172	Physical Chemistry II	3
CHEM 174	Physical Chemistry Lab II	2
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Humanities/Soc. Sci. Elective

### Health Education Requirement (Options: Courses under subject code HHPL)

### Experiential Learning

### Intercultural Knowledge / World Language

### Physical Education (Sports Activity Course)

### Physics I Lecture & Lab

PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
PHYS 001	General Physics Lec-Rec-Lab I	5

### Physics II Lecture and Lab

PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 024	Physics for Science and Engineering Lab II	1
PHYS 002	General Physics I (Laboratory)	5

### Oral Communication

### General Electives

## African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

## General Elective (Options: To be determined in consultation with advisor) (3)

## General Electives (Options: To be determined in consultation with advisor) (4)

# 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.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Humanities (Options: see Elective Group Descriptions)	3
SOCI 001	Introduction to Sociology	3
	Social Sciences Requirement	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	Foreign Language * (Options: see Elective Group Descriptions)	3
	Humanities (Options: see Elective Group Descriptions)	3
	Social Sciences Elective* open to Freshmen (Options: see Elective Group Descriptions)	3
	Natural Science Course	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	College Algebra I	3
	African American Cluster (Options: see Elective Group Descriptions)	3
	Humanities (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	Precalculus	4
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	Humanities (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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 101	Principles of Speech	3
SOCI 074	Corrections	3
SOCI 110	Elementary Statistics	3
	General Elective (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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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
	General 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
SOCI 079	Internship Criminology	3
	CRIM Elective	3
	CRIM Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
	CRIM Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	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>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Foreign Language \* (Options: see Elective Group Descriptions)

World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)

### Humanities (Options: see Elective Group Descriptions)

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

## Social Sciences Requirement

### ENGW 103/105

### Social Sciences Elective\* open to Freshmen (Options: see Elective Group Descriptions)

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	Intro 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

### Natural Science Course

### 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)

### General Elective (Options: To be determined in consultation with advisor)

### General Elective (Options: To be determined in consultation with advisor)

### CRIM 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.

## Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
ENGW 102	Expository Wrtg & Literacy Stu	3
	Foreign Language I	3
	Health Ed. Elective	1
	Humanities Elective	3
	Mathematics Elective (Options: Courses under code MATH)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 101/102/104	3
	Foreign Language II	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Humanities Elective	3
	African American Cluster (Options: see Elective Group Descriptions)	3
	Math Requirement	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	ENGW 103/105	3
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	Foreign Language (Level 3+)	3
ECON 001	Principles of Economics I	3
ECON 180	Statistics-Bus & Econ	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Social Science Elective	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
ECON 002	Principles of Economics II	3
SLMC 101	Principles of Speech	3
MATH 026	Applied Calculus	4
	<b>Sub-Total Credits</b>	<b>17</b>



## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 184	Intro to Econometrics	3
ECON 170	Intermediate Microeconomics	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Natural Science Course	3
	Experiential Learning	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 Macroecon Theory	3
	Econ Major Elective (Options: To be determined in consultation with advisor)	3
	Natural Science Course	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Innovative Learning Requirement	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
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	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
	Econ Major Elective (Options: To be determined in consultation with advisor)	3
	General Elective (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 I

### Health Ed. Elective

Courses under HHPL and PHAS

### Humanities Elective

### Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3
MATH 009	Intro to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Math	3
MATH 020	Fundamental Concepts of Mathematics for Education 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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Foreign Language II

### Health Education Requirement (Options: Courses under subject code HHPL)

Humanities Elective

African American Cluster (Options: see Elective Group Descriptions)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions) 3

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Math Requirement

ENGW 103/105

General Elective 1 Credit (Options: To be determined in consultation with advisor)

Foreign Language (Level 3+)

Social Science

Social Science Elective

General Elective (Options: To be determined in consultation with advisor) (3)

General Elective (Options: To be determined in consultation with advisor)

Natural Science Course

Experiential Learning

Econ Major Elective (Options: To be determined in consultation with advisor)

General Elective (Options: To be determined in consultation with advisor)

Innovative Learning Requirement

# English

## English (B.A.)

English majors gain strong critical reading, analytical thinking, focused research, and precise writing skills for students considering a career in law, medicine, teaching, publishing, and journalism. 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.

### Freshman Year First Semester

Item #	Title	Credits
	ENGW - 102/104 (for Majors)	3
FRSM 001	Freshman Seminar	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Requirement	3
	Social Sciences Course	3
	Math Requirement	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105 (for Majors Only)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Humanities Requirement	3
	Social Sciences Course	3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
ENGL 104	Sophomore Sem I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
ENGL 113	British Literature Foundation	3
	Science Elective	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ENGL 105	Sophomore Seminar II	3
ENGL 112	American Lit Foundation	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Quantitative Reasoning Requirement	4
	African Diasporic Cluster	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
ENGL 110	Linguistics Foundation	3
ENGL 111	African American Literature Foundation	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Innovative Learning Requirement	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	Cross-Cultural Genre or Period Course	3
	ENGL - English Major Elective	3
	Experiential Learning	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective 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
	ENGL 201-209: Featured Author	3
	ENGL - English Major Elective	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGL - English Major Elective	3
	ENGL - English Major Elective	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW - 102/104 (for Majors)

	ENGW 102/104	3
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### World Language and Culture Requirement (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

## Humanities Requirement

### **Humanities Requirement**

## Social Sciences Course

## Math Requirement

### ENGW 103/105 (for Majors Only)

ENGW 103	Persuasive Writing & Research	3
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**Health Education Requirement (Options: Courses under subject code HHPL)****Science Elective**

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

**General Elective Requirement (Options: To be determined in consultation with advisor)**

Courses level 000 to 299 in identified subject for Minor

**General Elective (Options: To be determined in consultation with advisor)****Quantitative Reasoning Requirement****Quantitative Reasoning**

Statistics Elective	4
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**African Diasporic Cluster**

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

**General Elective (Options: To be determined in consultation with advisor)****Innovative Learning Requirement****Cross-Cultural Genre or Period Course**

ENGL 140	Crosscult-Drama	3
ENGL 141	Poetry Across Cultures	3
ENGL 142	Fiction Across Cultures	3
ENGL 210	Early African-Am Lit	3
ENGL 211	Af Am Realism, Naturalism, Mod	3

ENGL 212	Afro-Amer Lit Blk Arts to Pres	3
ENGL 225	Modern Caribbean Lit	3
ENGL 230	Early American Writings to Romanticism	3
ENGL 230	Early American Writings to Romanticism	3
ENGL 232	Twentieth and Early Twenty-first Century American Literature	3
ENGL 241	Early Modern British Literature	3
ENGL 242	Age of Rev Brit Lit 1660-1800	3
ENGL 243	British Romantic Sensibilities	3
ENGL 244	Victorian Life and Literature	3
ENGL 245	Modern and Post Col Brit Lit	3

### ENGL - English Major Elective

Courses ENGL 100 and above.

### Experiential Learning

#### ENGL 201-209: Featured Author

ENGL 201	Featured Author	3
ENGL 202	Featured Author	3
ENGL 203	Featured Author	3
ENGL 204	Featured Author	3
ENGL 205	Featured Author	3
ENGL 206	Featured Author	3
ENGL 209	Major Author - British Author	3

### General Electives (Options: To be determined in consultation with advisor) (2)

### English - Creative Writing (B.A.)

English majors gain strong critical reading, analytical thinking, focused research, and precise writing skills for students considering a career in law, medicine, teaching, publishing, and journalism. 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.



## Freshman Year First Semester

Item #	Title	Credits
	ENGW 102/104	3
FRSM 001	Freshman Seminar	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Requirement	3
	Social Science Course	3
	Math Requirement	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Humanities Requirement	3
	Social Science Course	3
	Science Requirement	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
ENGL 104	Sophomore Sem I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
ENGL 113	British Literature Foundation	3
	Science Requirement	3
	General 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
ENGL 105	Sophomore Seminar II	3
ENGL 117 / 118	Introduction to Creative Writing: Fiction / Poetry	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 101	Principles of Speech	3
ENGL 127 / 128	Creative Writing Fiction / Poetry	3
ENGL 111	African American Literature Foundation	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Innovative Learning Requirement	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 112	American Lit Foundation	3
ENGL 285	Topics in Lit and Writing	3
ENGL 289	Topics in Lit and Writing	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	Quantitative Reasoning Course	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Cross-Cultural Genre or Period Course	3
ENGL 298	Creative Writing Thesis	3
	Experiential Learning	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGL - English Major Elective	3
	ENGL 201-209: Featured Author	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (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>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### World Language and Culture Requirement (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

### Humanities Requirement

#### **Humanities Requirement**

### Social Science Course

### Math Requirement

### ENGW 103/105

### Health Education Requirement (Options: Courses under subject code HHPL)

### Science Requirement

### General Elective (Options: To be determined in consultation with advisor)

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

General Elective (Options: To be determined in consultation with advisor)

Innovative Learning Requirement



General Elective Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

Quantitative Reasoning Course

Cross-Cultural Genre or Period Course

ENGL 140	Crosscult-Drama	3
ENGL 141	Poetry Across Cultures	3
ENGL 142	Fiction Across Cultures	3
ENGL 210	Early African-Am Lit	3
ENGL 211	Af Am Realism, Naturalism, Mod	3
ENGL 212	Afro-Amer Lit Blk Arts to Pres	3
ENGL 225	Modern Caribbean Lit	3
ENGL 230	Early American Writings to Romanticism	3
ENGL 230	Early American Writings to Romanticism	3
ENGL 232	Twentieth and Early Twenty-first Century American Literature	3
ENGL 241	Early Modern British Literature	3
ENGL 242	Age of Rev Brit Lit 1660-1800	3
ENGL 243	British Romantic Sensibilities	3
ENGL 244	Victorian Life and Literature	3
ENGL 245	Modern and Post Col Brit Lit	3

Experiential Learning

ENGL - English Major Elective

Courses ENGL 100 and above.

### ENGL 201-209: Featured Author

ENGL 201	Featured Author	3
ENGL 202	Featured Author	3
ENGL 203	Featured Author	3
ENGL 204	Featured Author	3
ENGL 205	Featured Author	3
ENGL 206	Featured Author	3
ENGL 209	Major Author - British Author	3

General Elective (Options: To be determined in consultation with advisor) (3)

## Health, Human Perform. & Leisure Studies

### Health Education - Community Health (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.

#### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	MATH 006/007	3
AFRO 005	Intro Afro-American Studies I	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Humanities Elective	3
	ENGW 101/102/104	3
	<b>Sub-Total Credits</b>	<b>16</b>

#### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	English Composition 104/105	3
	Math 009/010	4
	Humanities Requirement	3
SLMC 101	Principles of Speech	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
AFRO 006	Intro Afro-America Studies II	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 153	Human Sexuality	3
HHPL 163	Foundation of Health Promotion	3
HHPL 165	Hlth of Wmn, Child & Families	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
NUTR 161	Introduction to Nutrition	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 755	Addictive Behavior-Writing	3
HHPL 167	MCH-Institute	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
HLMN 201	Community Health	3
SLMC 101	Principles of Speech	3
HHPL 123	Res & Stat-Sprt Med	3
HHPL 140	Human Growth & Development	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 152	Meth&Mat Hlth Ed	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
HHPL 157	Health Prob of Child & Youth	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHIL 055/057	Intro to Philosophy	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
HHPL 187	Fld Wrk C-Hlth Ed Mjrs	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HHPL 179	Com Hlth Intern-Majors Only	9
	General Elective (Options: To be determined in consultation with advisor)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### MATH 006/007

### World Language and Culture Requirement (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

### Humanities Elective

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

## English Composition 104/105

ENGW 104	Writing, Literacy, and Discourse	3
ENGW 105	Reflective Writing and Portfolios	3

## Math 009/010

## Humanities Requirement

### **Humanities Requirement**

## Health Education Requirement (Options: Courses under subject code HHPL)

## General Elective (Options: To be determined in consultation with advisor)

## General Elective (Options: To be determined in consultation with advisor) (3)

## General Elective Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

## Physical Education (Active)

## 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.



## Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	MATH 006/007	3
AFRO 005	Intro Afro-American Studies I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Elective	3
	ENGW 101/102/104	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	English Composition 104/105	3
	Math 009/010	4
	Humanities Elective	3
	Anatomy Lecture/Lab	4
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
AFRO 006	Intro Afro-America Studies II	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 140	Human Growth & Development	3
HHPL 157	Health Prob of Child & Youth	3
HHPL 165	Hlth of Wmn, Child & Families	3
HUDV 119	Diverse Youth and Families of Color	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

Item #	Title	Credits
HUDV 143	Parenting: Theory, Research & Support	3
NUTR 161	Introduction to Nutrition	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 755	Addictive Behavior-Writing	3
HHPL 167	MCH-Institute	3
HHPL 160	Women's Health	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
HLMN 201	Community Health	3
SLMC 101	Principles of Speech	3
HHPL 163	Foundation of Health Promotion	3
HUDV 113	Prenatal Infant & EC Dev	3
	Physical Education (Active)	1
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 152	Meth&Mat Hlth Ed	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
HHPL 123	Res & Stat-Sprt Med	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Philosophy Elective (055/057)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Humanities Elective	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 advisor)	3
HHPL 175	Controlling Stress & Tension	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>7</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### MATH 006/007

#### World Language and Culture Requirement (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

### Humanities Elective

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

#### English Composition 104/105

ENGW 104	Writing, Literacy, and Discourse	3
ENGW 105	Reflective Writing and Portfolios	3

### Math 009/010

### Anatomy Lecture/Lab

### Physical Education (Active)

### General Elective (Options: To be determined in consultation with advisor)

### General Elective (Options: To be determined in consultation with advisor) (3)

## General Elective (Options: To be determined in consultation with advisor)

### Philosophy Elective (055/057)

PHIL 057	Intro to Ethics (Honors)	3
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## Human Performance (B.S.) - Sports Medicine

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 that can serve as a gateway to professional schools in medicine, dentistry, and physical therapy.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	MATH 006/007	3
	Social Sciences Course	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Requirement	3
	Freshmen English - ENGL 104	3
	<b>Sub-Total Credits</b>	<b>16</b>

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### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	English Composition 104/105	3
	Math 009/010	4
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 102	Human Anatomy Lec/Lab	4
	Humanities Requirement	3
	<b>Sub-Total Credits</b>	<b>17</b>

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### Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Social Sciences Course	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 103	Physiology	3
HHPL 107	Exercise Physiology	3
HHPL 140	Human Growth & Development	3
	<b>Sub-Total Credits</b>	<b>15</b>

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## Sophomore Year Second Semester

Item #	Title	Credits
HHPL 104	Kinesiology	3
HHPL 118	Athletic Training I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 160	Women's Health	1
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
HHPL 111	Motor Learning	3
SLMC 101	Principles of Speech	3
HHPL 107	Exercise Physiology	3
HHPL 112	First Aid & CPR	3
	Health Ed. Elective	1
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
HHPL 723	Intro to Research & Stat-Writ	3
BIOL 101	General Biology Lec/Lab	4
AHCC 003	Medical Terminology	2
HHPL 130	Exercise Physiology II	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year First Semester

Item #	Title	Credits
PHIL 055/057	Intro to Philosophy	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
PHYS 001	General Physics Lec-Rec-Lab I	5
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	General Education Elective (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
HHPL 175	Controlling Stress & Tension	1
	General Education Elective (Options: To be determined in consultation with advisor)	3
	Social Sciences Course	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### MATH 006/007

### Social Sciences Course

### World Language and Culture Requirement (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

### Humanities Requirement

### **Humanities Requirement**

### Freshmen English - ENGL 104

ENGL 104	Sophomore Sem I	3
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## English Composition 104/105

ENGW 104	Writing, Literacy, and Discourse	3
ENGW 105	Reflective Writing and Portfolios	3

## Math 009/010

## General Elective Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

## Physical Education (Active)

## Health Ed. Elective

Courses under HHPL and PHAS

## General Education Elective (Options: To be determined in consultation with advisor)

## Leisure Studies - Sports Management (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 sports programs or sport-related organizations.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	Math Requirement	4
HHPL 141	Intro to Sport Management	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Humanities Elective	3
	ENGW 101/102/104	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 103/105	3
MATH 007	Precalculus	4
HHPL 147	Sports & Media (Majors Only)	3
PSYC 050	Intro to Psychology	3
	World Language and Culture Requirement (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>
	African Diasporic Cluster	3
	Humanities Elective	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 221	Budget & Fin-Leisure & Sport	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
HHPL 148	Governance	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 001	Principles of Economics I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 149	Fac & Event Mgmt	3
HHPL 144	Sports Law (Majors Only)	3
HHPL 145	Sports Marketing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 002	Principles of Economics II	3
SLMC 101	Principles of Speech	3
HHPL 123	Res & Stat-Sprt Med	3
HHPL 717	Role of Sport in Society-WRTG	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>



## Junior Year Second Semester

Item #	Title	Credits
HHPL 150	Mgmt & Ldrshp Sport (Majors)	3
	General Elective (Options: To be determined in consultation with advisor)	3
HHPL 746	Eth & Soc Issues in Sprt-WRTG	3
	Social Sciences Course	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Humanities Elective	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 advisor) (3)	3
	Internship	6
	Physical Education (Active)	1
	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

### Math Requirement

Choose between MATH 005, 006, 009 or 010.

### World Language and Culture Requirement (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

### Humanities Elective

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

#### ENGW 103/105

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### Health Education Requirement (Options: Courses under subject code HHPL)

### General Elective (Options: To be determined in consultation with advisor)

### Social Sciences Course

### 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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### General Elective (Options: To be determined in consultation with advisor) (3)

### Humanities Elective

## Internship

### Physical Education (Active)

### Leisure Studies - eSports (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 sports programs or sport-related organizations.

#### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	Math Requirement	4
	Physical Education (Active)	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Elective	3
	Freshman English	3
	<b>Sub-Total Credits</b>	<b>15</b>

#### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	English Composition 104/105	3
MATH 007	Precalculus	4
PSYC 050	Intro to Psychology	3
HHPL 304	Intro to Esports Management	3
	World Language and Culture Requirement (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>
AFRO 005	Intro Afro-American Studies I	3
	Humanities Elective	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 147	Sports & Media (Majors Only)	3
HHPL 221	Budget & Fin-Leisure & Sport	3
	Physical Education (Active)	1
	<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
ECON 001	Principles of Economics I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HHPL 302	Esports Governance	3
HHPL 305	Esports Event Mgt. Planning	3
ARTE 080	Comp in the Arts & Dig Imaging	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 002	Principles of Economics II	3
SLMC 101	Principles of Speech	3
HHPL 123	Res & Stat-Sprt Med	3
ARTE 097	Intro to Game Design	3
	Physical Education (Active)	1
	Business Administration Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MKTG 301	Principles of Marketing	3
HHPL 746	Eth & Soc Issues in Sprt-WRTG	3
	General 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
PHIL 055/057	Intro to Philosophy	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Internship	6
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Math Requirement

Choose between MATH 005, 006, 009 or 010.

### Physical Education (Active)

### World Language and Culture Requirement (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

### Humanities Elective

## Freshman English

### English Composition 104/105

ENGW 104	Writing, Literacy, and Discourse	3
ENGW 105	Reflective Writing and Portfolios	3

### Humanities Elective

### Business Administration Elective

### General Elective (Options: To be determined in consultation with advisor)

### General Elective Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

### Internship

## 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.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
	History Elective	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Science Requirement	3
	Math Requirement	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Science Requirement	3
	English Composition 104/105	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	History Elective	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
HIST 003	Intro to History	3
	General Education Elective (Options: To be determined in consultation with advisor)	3
	Humanities Elective (Options: See Elective Group List - Humanities)	3
	History Elective	3
SLMC 101	Principles of Speech	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	African Diasporic Cluster	3
	Humanities Elective	3
	History Elective	3
	History Elective	3
	3rd Writing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	History Elective	3
	History Elective	3
	Experiential Learning	3
	Social Science Elective	3
	History Seminar	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
	History Elective	3
	Innovative Learning Requirement	3
	General Education Elective (Options: To be determined in consultation with advisor)	3
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with advisor)	3
HIST 082	Senior Colloquium	1
	Experiential Learning	3
	General Elective Requirement (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>13</b>

## Senior Year Second Semester

Item #	Title	Credits
	History Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Minor or Gen. Ed Elective (Options: To be determined in consultation with advisor)	3
	History Elective	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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### History Elective



### World Language and Culture Requirement (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

### Science Requirement

### Math Requirement

### English Composition 104/105

ENGW 104	Writing, Literacy, and Discourse	3
ENGW 105	Reflective Writing and Portfolios	3

### Health Education Requirement (Options: Courses under subject code HHPL)

### Social Science Elective

### General Education Elective (Options: To be determined in consultation with advisor)

### Humanities Elective (Options: See Elective Group List - Humanities)

Humanities (Options: see Elective Group Descriptions)	3
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### Physical Education (Active)

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

Humanities Elective

3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

Experiential Learning

Social Science Elective

History Seminar

General Elective (Options: To be determined in consultation with advisor)

Innovative Learning Requirement

General Electives (Options: To be determined in consultation with advisor) (2)

General Elective (Options: To be determined in consultation with advisor)

General Elective Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

General Elective (Options: To be determined in consultation with advisor) (3)

Minor or Gen. Ed Elective (Options: To be determined in consultation with advisor)

# Mathematics

## Mathematics - Applied Mathematics (B.S.)

The specific mission of 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.

### Freshman Year - First Semester

Item #	Title	Credits
MATH 156	Calculus I	4
ENGW 101	Rhetoric, Inquiry, and Critical Writing	3
	Physical Education (Active)	1
	Humanities Course	3
FRSM 001	Freshman Seminar	1
CSCI 100	Intro to Computer Science	3
	<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
	ENGW 103/105	3
SLMC 101	Principles of Speech	3
CSCI 135	Computer Science I	4
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year - First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 102	Proof & Prob Seminar II	1
MATH 795	Intro Anal I-Wrtg	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Course	3
	<b>Sub-Total Credits</b>	<b>14</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 * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	Physical Education (Active)	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year - First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 189	Probability & Statistics I	3
	Social Sciences Course	3
	World Language and Culture Requirement (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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 164	Numerical Analysis	3
	Specialization Course (3)	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	World Language and Culture Requirement (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>
	Specialization Course (4)	4
	Specialization Course (3)	3
	Specialization Course (3)	3
	Math Elective (Options: Courses under code MATH) (3)	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year - Second Semester

Item #	Title	Credits
	Math Elective (Options: Courses under code MATH) (3)	3
	Social Science Elective	3
	Specialization Course (3)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Physical Education (Active)

### Humanities Course

### ENGW 103/105

### World Language and Culture Requirement (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 \* (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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

Social Sciences Course

General Elective (Options: To be determined in consultation with advisor) (3)

Specialization Course (3)

Social Science Elective

Specialization Course (4)

Math Elective (Options: Courses under code MATH) (3)

### Mathematics – Actuarial Science (B.S.)

The specific mission of 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.

#### 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
	ENGW 101/102/104	3
FRSM 001	Freshman Seminar	1
	Humanities Course	3
	Physical Education (Active)	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
	ENGW 103/105	3
CSCI 135	Computer Science I	4
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year - First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 102	Proof & Prob Seminar II	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Humanities Course	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year - Second Semester

Item #	Title	Credits
MATH 164	Numerical Analysis	3
MATH 180	Intro to Linear Algebra	3
	Philosophy	3
	Principles of Speech	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year - First Semester

Item #	Title	Credits
MATH 189	Probability & Statistics I	3
ECON 001	Principles of Economics I	3
MATH 795	Intro Anal I-Wrtg	3
	World Language and Culture Requirement (Options: See Elective 3 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 - Second Semester

Item #	Title	Credits
MATH 190	Probability & Statistics II	3
ECON 002	Principles of Economics II	3
	Social Sciences Course	3
	World Language and Culture Requirement (Options: See Elective 3 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 168	Actuarial Science Lab I	1
	Math Elective (Options: Courses under code MATH) (3)	3
ACCT 201	Accounting Principles I	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>

## Senior Year - Second Semester

Item #	Title	Credits
MATH 193	Actuarial Science Seminar	3
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Physical Education (Active)	1
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	<b>Sub-Total Credits</b>	<b>18</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Humanities Course



Physical Education (Active)

ENGW 103/105

General Elective (Options: To be determined in consultation with advisor) (3)

World Language and Culture Requirement (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

Principles of Speech

Social Sciences Course

Math Elective (Options: Courses under code MATH) (3)

General Electives (Options: To be determined in consultation with advisor) (4)

**Mathematics – Math Education Concentration (B.S.)**

The specific mission of 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.

### Freshman Year First Semester

Item #	Title	Credits
MATH 156	Calculus I	4
	ENGW 101/102/104	3
	Humanities Elective	3
CSCI 100	Intro to Computer Science	3
FRSM 001	Freshman Seminar	1
	Health Education Requirement (Options: Courses under subject code HHPL)	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
	ENGW 103/105	3
	Physical Education (Active)	1
	General Electives (Options: To be determined in consultation with advisor) (2)	2
	Humanities Elective	3
<b>Sub-Total Credits</b>		<b>14</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 102	Proof & Prob Seminar II	1
MATH 150	Modern Geometry	3
EDUC 210	Foundations of Urban Education	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>14</b>

### Sophomore Year Second Semester

Item #	Title	Credits
MATH 180	Intro to Linear Algebra	3
	Social Science Elective	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
CSCI 135	Computer Science I	4
<b>Sub-Total Credits</b>		<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
MATH 795	Intro Anal I-Wrtg	3
EDUC 311	Special Educ & Classroom Mgmt	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
MATH 181	Discrete Structures	3
	Social Science Elective	3
	Philosophy Elective	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	
EDUC 212	Educ Psyc: Lrn & Af Am Lnrs	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
	Social Science Elective	3
	Math Elective (Options: Courses under code MATH) (3)	3
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
EDUC 450	Internship and Classroom Mgmt	9
EDUC 430	Methods & Instruc Tech	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

Humanities Elective

Health Education Requirement (Options: Courses under subject code HHPL)

ENGW 103/105

Physical Education (Active)

General Electives (Options: To be determined in consultation with advisor) (2)

Humanities Elective

World Language and Culture Requirement (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)

Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
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PHIL 053	Introduction to Philosophy of Science	3
PHIL 055/057	Intro to Philosophy	3

### Math Elective (Options: Courses under code MATH) (3)

### General Electives (Options: To be determined in consultation with advisor) (4)

## Mathematics – Pre-Med/Pre- Dental Concentration (B.S.)

The specific mission of 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.

### Freshman Year First Semester

Item #	Title	Credits
MATH 156	Calculus I	4
	ENGW 101/102/104	3
BIOL 101	General Biology Lec/Lab	4
CHEM 005	Gen Chem Lab I	1
FRSM 001	Freshman Seminar	1
CHEM 003	Gen Chemistry I	4
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
MATH 157	Calculus II	4
MATH 101	Proof and Problem Seminar I	1
	ENGW 102/104	3
BIOL 102	General Biology Lec/ Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 102	Proof & Prob Seminar II	1
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
CHEM 141	Organic Chemistry I (Lecture)	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	HHPL Requirement	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MATH 159	Differential Equations	4
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	HHPL Requirement	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year First Semester

Item #	Title	Credits
PHYS 001	General Physics Lec-Rec-Lab I	5
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
MATH 795	Intro Anal I-Wrtg	3
CHEM 151	Biochemistry I	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

Item #	Title	Credits
MATH 180	Intro to Linear Algebra	3
MATH 164	Numerical Analysis	3
PHYS 002	General Physics Lec-Rec-Lab II	5
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
CHEM 152	Biochemistry II	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Senior Year First Semester

Item #	Title	Credits
MATH 189	Probability & Statistics I	3
MATH 160	Adv Calculus for Sci & Eng	3
	Social Science Elective	3
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
MATH 190	Probability & Statistics II	3
	Social Sciences Course	3
	Humanities (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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

### World Language and Culture Requirement (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 \* (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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### HHPL Requirement

### Social Science Elective

### General Electives (Options: To be determined in consultation with advisor) (4)

### Physical Education (Active)

### Social Sciences Course

## Humanities (Options: see Elective Group Descriptions)

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 of 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.

### Freshman Year First Semester

Item #	Title	Credits
MATH 156	Calculus I	4
	Physical Education (Active)	1
	ENGW 101/102/104	3
	Humanities Elective	3
CSCI 100	Intro to Computer Science	3
FRSM 001	Freshman Seminar	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
	ENGW 103/105	3
	Humanities Elective	3
CSCI 135	Computer Science I	4
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
MATH 102	Proof & Prob Seminar II	1
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MATH 180	Intro to Linear Algebra	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
SLMC 101	Principles of Speech	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

Item #	Title	Credits
MATH 197	Intro to Modern Algebra I	3
MATH 795	Intro Anal I-Wrtg	3
	World Language and Culture Requirement (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
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
MATH 159	Differential Equations	4
	Social Science Elective	3
MATH 196	Introduction to Analysis II	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
MATH 199	Intro to General Topology	3
	Mathematics Elective (Options: Courses under code MATH)	3
	Social Science Elective	3
	Social Science Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 185	Intro to Complex Variables	3
	Social Science Elective	3
	General Electives (Options: To be determined in consultation with advisor) (4)	4
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	<b>Sub-Total Credits</b>	<b>16</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Physical Education (Active)

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Humanities Elective

#### ENGW 103/105

### World Language and Culture Requirement (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 \* (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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

Social Science Elective

Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3
MATH 009	Intro to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Math	3
MATH 020	Fundamental Concepts of Mathematics for Education 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

Health Education Requirement (Options: Courses under subject code HHPL)

General Electives (Options: To be determined in consultation with advisor) (4)

# 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)

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
	Natural Science Elective	3
	African Diasporic Cluster	3
	Physical Education (Active)	1
	Math Requirement	4
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	ENGW 103/105	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	Math Requirement	4
	Natural Science Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
	Humanities Elective	3
	Social Science Elective	3
	3rd Writing	3
PHIL 110	Classical Ethics	3
PHIL 179	History of Africana Philosophy	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Humanities Elective	3
	Social Science Elective	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Philosophy (Elective)	3
PHIL 150	Epistemology	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

Item #	Title	Credits
	3rd Writing	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
PHIL 175	Symbolic Logic	3
	Philosophy (Elective)	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
	General Elective (Options: To be determined in consultation with advisor)	3
	Philosophy (Elective)	3
	Philosophy (Elective)	3
	General 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
PHIL 196	Senior Colloquium	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Philosophy (Elective)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
PHIL 200	Senior Seminar	3
	Philosophy (Elective)	3
	Philosophy (Elective)	3
	Minor Elective (2) (Options: To be determined in consultation with advisor)	2
	<b>Sub-Total Credits</b>	<b>11</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Natural Science Elective

### African Diasporic Cluster

	African American Elective	3
	African Studies Elective (Options: Courses under subject code AFST)	3

### Physical Education (Active)

### Math Requirement

Choose between MATH 005, 006, 009 or 010.

### World Language and Culture Requirement (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

Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)

Humanities Elective

Social Science Elective

3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

General Elective (Options: To be determined in consultation with advisor)

Philosophy (Elective)

Minor Elective (2) (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.



### Freshman Year First Semester

Item #	Title	Credits
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 024	Phys for Sci & Engr Lab II	1
MATH 156	Calculus I	4
	ENGW 101/102/104	3
	World Language and Culture Requirement (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
MATH 157	Calculus II	4
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Health Education Requirement (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 025	Phys for Sci & Engr Lab III	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
<b>Sub-Total Credits</b>		<b>17</b>

### Sophomore Year Second Semester

Item #	Title	Credits
MATH 159	Differential Equations	4
PHYS 175	Thermodynamics	3
	Humanities Elective	3
SLMC 101	Principles of Speech	3
	African Diasporic Cluster	3
<b>Sub-Total Credits</b>		<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
PHYS 182	Physical Mechanics I	3
PHYS 178	Electricity & Magnetism I	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Concentration Elective - Physics	3
PHYS 088	Directed Readings for Jr. I	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
	Concentration Elective - Physics	3
PHYS 702	Experimental Physics I	3
	Social Science Elective	3
	Experiential Learning - Physics	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
PHYS 089	Directed Readings for Jrs II	1
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year First Semester

Item #	Title	Credits
PHYS 190	Quantum Physics I	3
	Concentration Elective - Physics	3
	Concentration Elective - Physics	3
	Humanities Elective	3
	Experiential Learning	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Concentration Elective - Physics	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Experiential Learning	3
	Experiential Learning - Physics	1
	Technical Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

World Language and Culture Requirement (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

Health Education Requirement (Options: Courses under subject code HHPL)

Humanities Elective

General Elective (Options: To be determined in consultation with advisor)

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

Social Science

Concentration Elective - Physics

Social Science Elective

Experiential Learning - Physics

Experiential LearningTechnical Elective

Please consult with your academic advisor.

Physics Majors :(PHYS, CHEM, BIOL, CSCI, MATH, Engineering)

## Astronomy and Astrophysics

## Freshman Year First Semester

Item #	Title	Credits
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
MATH 156	Calculus I	4
ENGW 104	Writing, Literacy, and Discourse	3
	World Language and Culture Requirement	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
MATH 157	Calculus II	4
ENGW 105	Reflective Writing and Portfolios	3
	World Language and Culture Requirement	3
	Oral Communication	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
MATH 158	Calculus III	4
PHYS 015	Intro to Modern Physics	3
PHYS 025	Phys for Sci & Engr Lab III	1
	Intercultural Knowledge / World Language	3
PHYS 140	Intro to Astron. & Astrophysics I	3
	Humanities Requirement	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
PHYS 141	Intro Astronomy & Astrophysics II	3
MATH 159	Differential Equations	4
PHYS 175	Thermodynamics	3
	African Diasporic Cluster	3
	Humanities Requirement	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

Item #	Title	Credits
PHYS 182	Physical Mechanics I	3
PHYS 178	Electricity & Magnetism I	3
	Social Sciences Course	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
PHYS 088	Directed Readings for Jr. I	1
	Health Ed. Elective	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

Item #	Title	Credits
PHYS 143	Observational Astronomy	3
PHYS 145	Cosmology & Mod Astrophysics	3
	Social Science Course	3
PHYS 702	Experimental Physics I	3
PHYS 089	Directed Readings for Jrs II	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year First Semester

Item #	Title	Credits
PHYS 190	Quantum Physics I	3
	Concentration Elective - Physics	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Health Ed. Elective	1
PHYS 196	Senior Thesis	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	Seminar or Computational Physics Elective	3
PHYS 197	Senior Thesis	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### World Language and Culture Requirement

#### Oral Communication

#### Intercultural Knowledge / World Language

#### Humanities Requirement

#### **Humanities Requirement**

#### African Diasporic Cluster

	African American Elective	3
	African Studies Elective (Options: Courses under subject code AFST)	3

#### Social Sciences Course

#### General Elective (Options: To be determined in consultation with advisor) (3)

#### Health Ed. Elective

Courses under HHPL and PHAS

## Social Science Course

### Concentration Elective - Physics

### Seminar or Computational Physics Elective

## Biological Physics

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
MATH 156	Calculus I	4
ENGW 104	Writing, Literacy, and Discourse	3
	World Language and Culture Requirement	3
FRSM 001	Freshman Seminar	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS 014	Phys for Sci & Engr Lec II	3
MATH 157	Calculus II	4
ENGW 105	Reflective Writing and Portfolios	3
	World Language and Culture Requirement	3
	Health Ed. Elective	1
	<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
PHYS 015	Intro to Modern Physics	3
PHYS 025	Phys for Sci & Engr Lab III	1
	Intercultural Knowledge / World Language	3
	Concentration Elective - Physics	3
	Oral Communication	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	Concentration Elective - Physics	3
MATH 159	Differential Equations	4
PHYS 175	Thermodynamics	3
	African Diasporic Cluster	3
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	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
	Social Sciences Course	3
	Humanities Requirement	3
	Health Ed. Elective	1
PHYS 088	Directed Readings for Jr. I	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

Item #	Title	Credits
PHYS 174	Introduction to Biophysics	3
	Concentration Elective - Physics	3
	Social Science Course	3
	Humanities Requirement	3
PHYS 089	Directed Readings for Jrs II	1
PHYS 702	Experimental Physics I	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
PHYS 190	Quantum Physics I	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
	Concentration Elective - Physics	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Concentration Elective - Physics	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
PHYS 197	Senior Thesis	1
	Seminar or Computational Physics Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### World Language and Culture Requirement

#### Health Ed. Elective

Courses under HHPL and PHAS

### Intercultural Knowledge / World Language

#### Concentration Elective - Physics

#### Oral Communication

#### African Diasporic Cluster

	African American Elective	3
	African Studies Elective (Options: Courses under subject code AFST)	3

### General Elective 1 Credit (Options: To be determined in consultation with advisor)

#### Social Sciences Course

#### Humanities Requirement

## Humanities Requirement

### Social Science Course

General Elective (Options: To be determined in consultation with advisor) (3)

### Seminar or Computational Physics Elective

## Computational Physics

### Freshman Year First Semester

Item #	Title	Credits
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
MATH 156	Calculus I	4
ENGW 104	Writing, Literacy, and Discourse	3
	World Language and Culture Requirement	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
MATH 157	Calculus II	4
ENGW 105	Reflective Writing and Portfolios	3
	World Language and Culture Requirement	3
	Health Ed. Elective	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 025	Phys for Sci & Engr Lab III	1
	Intercultural Knowledge / World Language	3
	Concentration Elective - Physics	3
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Concentration Elective - Physics	3
MATH 159	Differential Equations	4
PHYS 175	Thermodynamics	3
	Oral Communication	3
	Health Ed. Elective	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS 182	Physical Mechanics I	3
PHYS 178	Electricity & Magnetism I	3
	Social Sciences Course	3
	Humanities Requirement	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
PHYS 088	Directed Readings for Jr. I	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Concentration Elective - Physics	3
	Social Science Course	3
	Humanities Requirement	3
PHYS 089	Directed Readings for Jrs II	1
PHYS 702	Experimental Physics I	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS 190	Quantum Physics I	3
PHYS 154	Intro to Computational Physics I	3
	Concentration Elective - Physics	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 Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Concentration Elective - Physics	3
PHYS 197	Senior Thesis	1
	Seminar or Computational Physics Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### World Language and Culture Requirement

#### Health Ed. Elective

Courses under HHPL and PHAS

### Intercultural Knowledge / World Language

#### Concentration Elective - Physics

#### African Diasporic Cluster

	African American Elective	3
	African Studies Elective (Options: Courses under subject code AFST)	3

#### Oral Communication

#### Social Sciences Course

### Humanities Requirement

## Humanities Requirement

General Elective (Options: To be determined in consultation with advisor) (3)

Social Science Course

Seminar or Computational Physics Elective

General Elective 1 Credit (Options: To be determined in consultation with advisor)

## Physics Education

### Freshman Year First Semester

Item #	Title	Credits
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
MATH 156	Calculus I	4
ENGW 104	Writing, Literacy, and Discourse	3
	World Language and Culture Requirement	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
MATH 157	Calculus II	4
ENGW 105	Reflective Writing and Portfolios	3
	World Language and Culture Requirement	3
	Health Ed. Elective	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 025	Phys for Sci & Engr Lab III	1
	Intercultural Knowledge / World Language	3
	Humanities Requirement	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
PHYS 175	Thermodynamics	3
EDUC 210	Foundations of Urban Education	3
	African Diasporic Cluster	3
	Humanities Requirement	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS 182	Physical Mechanics I	3
PHYS 178	Electricity & Magnetism I	3
	Social Sciences Course	3
PHYS 088	Directed Readings for Jr. I	1
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	Health Ed. Elective	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 310	Educational Psychology and Special Education	3
	Social Science Course	3
PHYS 089	Directed Readings for Jrs II	1
	Seminar or Computational Physics Elective	3
PHYS 702	Experimental Physics I	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS 190	Quantum Physics I	3
EDUC 410	Pedagogy & Content Literacy	3
PHYS 196	Senior Thesis	1
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Education Elective	3
PHYS 197	Senior Thesis	1
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### World Language and Culture Requirement

#### Health Ed. Elective

Courses under HHPL and PHAS

### Intercultural Knowledge / World Language

#### Humanities Requirement

#### **Humanities Requirement**

#### African Diasporic Cluster

	African American Elective	3
	African Studies Elective (Options: Courses under subject code AFST)	3

#### Social Sciences Course

General Elective (Options: To be determined in consultation with advisor) (3)

#### Social Science Course

## Seminar or Computational Physics Elective

### Education Elective

## Professional Physics

### Freshman Year First Semester

Item #	Title	Credits
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
MATH 156	Calculus I	4
ENGW 104	Writing, Literacy, and Discourse	3
	World Language and Culture Requirement	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
MATH 157	Calculus II	4
ENGW 105	Reflective Writing and Portfolios	3
	World Language and Culture Requirement	3
	Health Ed. Elective	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 025	Phys for Sci & Engr Lab III	1
	Intercultural Knowledge / World Language	3
	Humanities Requirement	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year Second Semester

Item #	Title	Credits
MATH 159	Differential Equations	4
PHYS 175	Thermodynamics	3
	Oral Communication	3
	African Diasporic Cluster	3
	Humanities Requirement	3
	<b>Sub-Total Credits</b>	<b>17</b>



## Junior Year First Semester

Item #	Title	Credits
PHYS 182	Physical Mechanics I	3
PHYS 178	Electricity & Magnetism I	3
	Social Sciences Course	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Concentration Elective - Physics	3
PHYS 088	Directed Readings for Jr. I	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
	Concentration Elective - Physics	3
PHYS 702	Experimental Physics I	3
	Social Science Course	3
	Experiential Learning	3
	Health Ed. Elective	1
PHYS 089	Directed Readings for Jrs II	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
PHYS 190	Quantum Physics I	3
	Concentration Elective - Physics	3
	Concentration Elective - Physics	3
	Humanities Requirement	3
PHYS 196	Senior Thesis	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
	Concentration Elective - Physics	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	Experiential Learning	3
PHYS 197	Senior Thesis	1
	Seminar or Computational Physics Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### World Language and Culture Requirement

Health Ed. Elective

Courses under HHPL and PHAS

Intercultural Knowledge / World Language

Humanities Requirement

**Humanities Requirement**

General Elective (Options: To be determined in consultation with advisor) (3)

Oral Communication

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

Social Sciences Course

Concentration Elective - Physics

Social Science Course

Experiential Learning

Seminar or Computational Physics 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.

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
POLS 010	Nat'l Gov't of the U S	3
	Humanities Elective	3
	Social Science Elective	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
POLS 003	Intro to Comp Politics	3
	Social Science Elective	3
	African Diasporic Cluster	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
POLS 128	Intro. to Intl. Relations	3
POLS 007	Intro to Black Politics	3
	Humanities Elective	3
MATH 005	College Algebra I WR	4
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Political Theory Course	3
POLS 002	Intro to Research in Pol Sci	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Math Requirement	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	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
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	3rd Writing	3
	General Elective (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>
POLS 151	Internship II	3
	Natural Science Elective	3
	Innovative Learning Requirement	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	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
	General Elective (Options: To be determined in consultation with advisor)	3
	Natural Science Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Political Science Major Course (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Humanities Elective

### Social Science Elective

## ENGW 103/105

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### World Language and Culture Requirement (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

### Political Theory Course

Political Theory Course Options: POLS 004, 189, or 191

### Math Requirement

General Elective (Options: To be determined in consultation with advisor)

Political Science Major Course (Options: To be determined in consultation with advisor)

### 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

## Natural Science Elective

## Innovative Learning Requirement



## Health Education Requirement (Options: Courses under subject code HHPL)

# 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.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 016	Psychology New Student Orientation	1
PSYC 001	Foundations of Psyc Science	4
FRSM 001	Freshman Seminar	1
	MATH 006/007	3
	ENGW 101/102/104	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 002	Research Design & Analysis	4
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	African Diasporic Cluster	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 003	Statistics I (Lec/Lab)	4
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Psychology Core Course	3
	Social Science Elective	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 004	Statistics II (Lec/Lab)	4
	Psychology Core Course	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	3rd Writing	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 053, 055, 057 and 059)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Psychology Core Course	3
	Humanities Elective	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Experiential Learning	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Psychology Core Course	3
	Psychology Major Elective Courses	3
	Humanities Elective	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>



## Senior Year First Semester

Item #	Title	Credits
PSYC 011	Capstone Senior Seminar	1
	Psychology Major Elective Courses	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	General Elective (Options: To be determined in consultation with advisor)	3
	Natural Science Elective	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
	Psychology Major Elective Courses	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Humanities Elective	3
	Natural Science Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### MATH 006/007

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Humanities Elective

### ENGW 103/105

### World Language and Culture Requirement (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

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### Psychology Core Course

Core Content Domain Courses

Psychology Majors: Choose any 4 courses Psychology Minors: Choose 1 course

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

### Social Science Elective

General Elective (Options: To be determined in consultation with advisor)

### 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

### 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 055/057	Intro to Philosophy	3
PHIL 057	Intro to Ethics (Honors)	3
PHIL 059	Knowledge and Value	3

### Experiential Learning

#### 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

## Health Education Requirement (Options: Courses under subject code HHPL)

### Natural Science Elective

# Sociology

## Sociology (B.A.)

"As a major discipline in the social sciences, sociology studies how various social structures and systems, such as families or healthcare, economic structure, labor market, healthcare, or criminal justice influence people's life chances in different ways. Sociology also examines how individuals and organizations come together to make social change. At Howard University, we pride ourselves on the research we do and the courses we offer that accentuate our overarching departmental theme: Race, Inequality, and the Black Experience. Here, you get training in both conceptual and empirical tools to analyze social issues pertinent to the Black community, e.g., health inequalities, criminal injustice, or socioeconomic inequalities."

### Careers:

Program Evaluator

Guidance Counselor

Human Resources (HR) Representative

Lawyer

Management Consultant

Market Research Analyst

Media Planner

Policy Analyst

Public Relations (PR) Specialist

Social Worker

Survey Researcher/Pollster

Social and Community Services

Health Services

Government services

Grant Writing

Teaching

### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
	ENGW 101/102/104	3
	Math Requirement	4
	Humanities Elective	3
SOCI 001	Introduction to Sociology	3
	Natural Science Elective	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	Social Science Elective	3
	African Diasporic Cluster	3
SLMC 101	Principles of Speech	3
	Natural Science Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year First Semester

Item #	Title	Credits
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Elective	3
	Experiential Learning	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

Item #	Title	Credits
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
SOCI 110	Elementary Statistics	3
SOCI	Social Psychology Requirement	3
	Social Science Elective	3
	3rd Writing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SOCI 100	Social Theory & Society	3
	Sociology Elective	3
	Sociology Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Innovative Learning Requirement	3
SOCI 111	Sociological Methods	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Sociology Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Sociology Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Math Requirement

Choose between MATH 005, 006, 009 or 010.

### Humanities Elective

### Natural Science Elective

### ENGW 103/105

### Social Science Elective

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### Health Education Requirement (Options: Courses under subject code HHPL)

### Major Elective (Options: To be determined in consultation with advisor) (3)

### World Language and Culture Requirement (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

## Experiential Learning

### 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

### Sociology Elective

General Elective (Options: To be determined in consultation with advisor)

### Innovative Learning Requirement

  


General Elective (Options: To be determined in consultation with advisor)

General Elective (Options: To be determined in consultation with advisor) (3)

## Spanish

### Spanish (B.A.)

Students in the undergraduate degree program for Spanish will study the Spanish language, literature, poetry, film, music, business, and culture. 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.



## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPAN 001	Spanish I	3
	Natural Science Elective	3
	Social Science Elective	3
MATH 006	College Algebra I	3
	ENGW 101/102/104	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>
SPAN 002	Spanish II	3
	ENGW 103/105	3
	Natural Science Elective	3
	African Diasporic Cluster	3
	Social Science Elective	3
	Health Education Requirement (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>
SPAN 003	Spanish III	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	Quantitative Reasoning Requirement	4
	<b>Sub-Total Credits</b>	<b>13</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPAN 004	Spanish IV	3
	Humanities Elective	3
	Innovative Learning Requirement	3
	Experiential Learning	3
	General 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
SPAN 040	Grammar Structures	3
SPAN 050	Oral Communication I	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General 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
SPAN 051	Oral Communication II	3
SPAN 052	Reading & Writing	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
SPAN 060	Analysis of Afro-Hispanic Literature	3
SPAN 080	Divers.and Unifica. in Spain	3
SPAN 085	Afrolatinidad Experiences. Cultures, Race, and Nations	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Major 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
SPAN 081	Contemporary Spain	3
SPAN 086	Migrations and Identities	3
	Major Elective/Senior Research (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Natural Science Elective

### Social Science Elective

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

#### ENGW 103/105

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### Social Science Elective

### Health Education Requirement (Options: Courses under subject code HHPL)

### World Language and Culture Requirement (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

## Quantitative Reasoning Requirement

### **Quantitative Reasoning**

Statistics Elective

4

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## Humanities Elective

## Innovative Learning Requirement



## Experiential Learning

General Elective (Options: To be determined in consultation with advisor)

Major Elective (Options: To be determined in consultation with advisor) (3)

General Elective (Options: To be determined in consultation with advisor)

Major Elective/Senior Research (Options: To be determined in consultation with advisor)

# **Cathy Hughes School of Communications**

## Media, Journalism and Film

### Media, Journalism and Film minor (18 Credits)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MJFC 101	Intro to Mass Communications	3
	Intro to Media Production -or- Digital Journalism	3
	General Electives (Options: To be determined in consultation with advisor) (12)	12
	<b>Total credits:</b>	<b>18</b>

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## Category Descriptions

### Intro to Media Production -or- Digital Journalism

MJFC 200	Intro to MediaProduction	3
MJFC 204	Intro to Digital Journalim	3

### General Electives (Options: To be determined in consultation with advisor) (12)

## Speech Language Pathology

### Speech Language Pathology

Item #	Title	Credits
<b>Total credits:</b>		<b>16</b>

## Strategic, Legal and Mass Communications

Options: To be determined in consultation with advisor.

### Strategic, Legal and Mass Communications Minor

Item #	Title	Credits
MJFC 101	Intro to Mass Communications	3
SCOM 120	Digital Media Literacy	3
SCOM 130	Ethical Issues in Comm.	3
	General Electives (Options: To be determined in consultation with advisor) (9)	9
<b>Total credits:</b>		<b>18</b>

## Category Descriptions

### General Electives (Options: To be determined in consultation with advisor) (9)

## Media, Journalism & Film

### Media, Journalism and Film — Audio Production (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, film production, scriptwriting and reporting, broadcast (i.e. radio and television), print, mobile and online news. The MJFC Department addresses current industry standards, technological convergence trends and community needs while meeting the university's historical mission.

### Freshman Year First Semester

Item #	Title	Credits
SCOM 102	Intro Comm Prof. Dev	1
SCOM 120	Digital Media Literacy	3
	Social Science Elective	3
	ENGW 101/102/104	3
MATH 006	College Algebra I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
MJFC 101	Intro to Mass Communications	3
SCOM 130	Ethical Issues in Comm.	3
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
SLMC 101	Principles of Speech	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
MJFC 200	Intro to MediaProduction	3
MJFC 225	History of Broadcast & Film	3
	Co-Curricular	1
	Fine Arts Elective (3)	3
	Natural Science Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</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
	African American Cluster (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

Item #	Title	Credits
MJFC 330	Multimedia Audio Production	3
MJFC 332	Contemporary 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
	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
	Fine Arts Elective (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
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
MJFC 410	Audio Engineering	3
	Social Science Elective	3
	Fine Arts Elective (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
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

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### World Language and Culture Requirement (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

### Co-Curricular

#### Fine Arts Elective (3)

### Natural Science Elective

### Health Education Requirement (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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### 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

## Major Elective (Options: To be determined in consultation with advisor) (3)

### MJFC 462/463 - Advanced Audio Production

## Media, Journalism and Film — Journalism (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, film production, scriptwriting and reporting, broadcast (i.e. radio and television), print, mobile and online news. The MJFC Department addresses current industry standards, technological convergence trends and community needs while meeting the university's historical mission.

### 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
	ENGW 101/102/104	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	U.S. History	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Math Requirement	3
	<b>Sub-Total Credits</b>	<b>17</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 Comm.	3
MJFC 100	Fundamentals of Journalism	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	ENGW 103/105	3
SLMC 101	Principles of Speech	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
MJFC 204	Intro to Digital Journalism	3
	MJFC 300-302 or SCOM 220	1
PHIL 051	Principles of Reasoning	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	English Elective (009 and Above)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Sophomore Year Second Semester

Item #	Title	Credits
MJFC 201	Multimedia Storytelling	3
MJFC 202	Visual Journalism	3
POLS 001	Intro to Political Science	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
MATH 012	Patterns in Math	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	MJFC 300-302 or SCOM 220	1
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</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

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 (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
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>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Health Education Requirement (Options: Courses under subject code HHPL)

### U.S. History

### World Language and Culture Requirement (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 Requirement

### ENGW 103/105

### MJFC 300-302 or SCOM 220

## English Elective (009 and Above)

### 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)

## Media, Journalism and Film — Television and Film (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 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.

### Freshman Year First Semester

Item #	Title	Credits
SCOM 102	Intro Comm Prof. Dev	1
SCOM 120	Digital Media Literacy	3
	ENGW 101/102/104	3
MATH 006	College Algebra I	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Fine Arts Elective or General Elective	3
	Social Science Elective	3
	HHPL Requirement	1
	<b>Sub-Total Credits</b>	<b>20</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
SCOM 130	Ethical Issues in Comm.	3
MJFC 101	Intro to Mass Communications	3
MJFC 200	Intro to MediaProduction	3
MJFC 340	Scriptwriting	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year First Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
MJFC 223	Film & Television Production	3
MJFC 225	History of Broadcast & Film	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	African-American Elective (Options: see Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

Item #	Title	Credits
MJFC 331	Audio for TV & Film	3
MJFC 350	FILM & TV EDITING (3 Credit Hrs.)	3
	Fine Arts Elective or General Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Natural Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
	MJFC 342 or MJFC 343	3
MJFC 347	Producing for Film & TV	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Fine Arts Elective (3)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Junior Year Second Semester

Item #	Title	Credits
MJFC 349	Directing for Film & Television	3
MJFC 419	ADVANCED EDITING	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year First Semester

Item #	Title	Credits
MJFC 424	THESIS: DEVELOPMENT AND PREPRODUCTION	2
	MJFC 458 or MJFC 459 - TV Practicum or Film Practicum	1
	General Elective (Options: To be determined in consultation with advisor)	3
	Natural Science Elective	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	HHPL Requirement	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
MJFC 466	Film/TV Thesis: Production	2
	Social Science Elective	3
	Fine Arts Elective or General Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	HHPL Requirement	1
	Fine Arts Elective (3)	3
	<b>Sub-Total Credits</b>	<b>18</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### World Language and Culture Requirement (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

### Fine Arts Elective or General Elective

### Social Science Elective

### HHPL Requirement

### ENGW 103/105

### African-American Elective (Options: see Elective Group Descriptions)

Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
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### General Elective (Options: To be determined in consultation with advisor)

### Natural Science Elective

### MJFC 342 or MJFC 343

Choose between:

- MJFC 342 - Advanced TV Production
- MJFC 343 - Cinematography

Major Elective (Options: To be determined in consultation with advisor) (3)

Fine Arts Elective (3)

MJFC 458 or MJFC 459 - TV Practicum or Film Practicum

Natural Science Elective

## Strategic, Legal & Management Communication

Strategic, Legal & Management Communication - Public Relations (B.A.)

The Strategic Communication major emphasizes comprehensive, goal-directed communication across multiple platforms designed to reach target audiences. Courses in the Public Relations track focus on developing and sustaining mutually beneficial relationships between an organization and its public. Student opportunities include the D. Parke Gibson Chapter of the Public Relations Student Society of America (PRSSA) as well as the Howard Entertainment Program.

### Freshman Year First Semester

Item #	Title	Credits
SCOM 102	Intro Comm Prof. Dev	1
SCOM 120	Digital Media Literacy	3
	English Writing Course	3
	Physical Education (Active)	1
	Math Requirement	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Humanities Elective	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Comm.	3
SLMC 101	Principles of Speech	3
	English Writing Course	3
	U.S. History Elective	3
	Physical Education (Active)	1
	World Language and Culture Requirement (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>
MJFC 100	Fundamentals of Journalism	1
MJFC 101	Intro to Mass Communications	3
	English Elective (009 and Above)	3
	Philosophy Elective	3
ECON 001	Principles of Economics I	3
SOCI 001	Introduction to Sociology	3
	<b>Sub-Total Credits</b>	<b>16</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
	Communication Elective	3
ECON 002	Principles of Economics II	3
	Political Science Elective (Options: Courses in code POLS)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 301	Intercultural/International Communication	3
SLMC 311	Basic PR Writing	3
SLMC 351	Advanced Public Speaking	3
	African Diasporic Cluster	3
	General Elective (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 312	Advanced PR Writing	3
SLMC 313	Public Affairs Planning & Management	3
	Psychology Requirement	3
	Fine Arts Elective (3)	3
	General 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
SLMC 410	Social Media & Integrated Marketing.	3
SLMC 491	CapComm Lab	3
	General Elective (Options: To be determined in consultation with 3 advisor)	
	General Elective (Options: To be determined in consultation with 3 advisor)	
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
SLMC 401	Practicum-Internship: Public Relations (PR)	1
	Communication Elective	3
	Social Science Elective	3
	General Elective Requirement (Options: To be determined in consultation with advisor)	3
	General Elective 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

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

### Physical Education (Active)

### Math Requirement

### World Language and Culture Requirement (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

Humanities Elective

U.S. History Elective

Courses under subject code HIST

English Elective (009 and Above)

Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055/057	Intro to Philosophy	3

Communication Elective

Political Science Elective (Options: Courses in code POLS)

African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

General Elective (Options: To be determined in consultation with advisor)

Psychology Requirement

Fine Arts Elective (3)

General Elective (Options: To be determined in consultation with advisor)

General Elective 1 Credit (Options: To be determined in consultation with advisor)

Social Science Elective

General Elective Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

## Strategic, Legal and Management Communication - Advertising (B.A.)

The Strategic Communication major emphasizes comprehensive, goal-directed communication across multiple platforms designed to reach target audiences. Courses in the Advertising track help students develop persuasive messages designed to sell products, services, or ideas. Student opportunities include the Tom Burrell Chapter of the American Advertising Federation (AAF) as well as the Howard Entertainment Program.

IMPORTANT: Unless otherwise arranged, SOC required courses should be taken within the year designated. Electives and minor courses may be taken as available.

### 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
	ENGW 101/102/104	3
	Social Science Elective	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	Math Requirement	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Comm.	3
SLMC 101	Principles of Speech	3
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Social Science Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

Item #	Title	Credits
	SLMC 202 or >MJFC 101	3
	English Elective (009 and Above)	3
	Philosophy	3
ECON 001	Principles of Economics I	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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
	General Elective (Options: To be determined in consultation with advisor)	3
	Sociology Elective	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

Item #	Title	Credits
SLMC 301	Intercultural/International Communication	3
SLMC 321	Advertising Sales	3
SLMC 322	Advertising Copywriting and Design	3
	Psychology Requirement	3
	General Elective (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
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 402	Practicum - Internship: Advertising (AD)	1
SLMC 410	Social Media & Integrated Marketing.	3
SLMC 491	CapComm Lab	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Communication Elective	1
	Communication Elective	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Social Science Elective

### World Language and Culture Requirement (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 Requirement

ENGW 103/105

### Health Education Requirement (Options: Courses under subject code HHPL)

SLMC 202 or >MJFC 101

### English Elective (009 and Above)

### Philosophy

### General Elective (Options: To be determined in consultation with advisor)

### Sociology Elective

### Psychology Requirement

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

## Communication Elective

## Communication Elective

### Strategic, Legal and Management Communication - Legal Communication (B.A.)

The Legal Communication major focuses on legal and related issues in the field of communication, such as constitutional privilege, statutory law and protected speech. Students develop argumentation and trial advocacy skills and comprehensive knowledge of communications law. Student opportunities include the Dr. Martin Luther King Jr. Forensics program.

Type: B.A.

IMPORTANT: Unless otherwise arranged, SOC required courses should be taken within the year designated. Electives and Minor courses may be taken as available.

#### Freshman Year First Semester

Item #	Title	Credits
SCOM 102	Intro Comm Prof. Dev	1
SCOM 120	Digital Media Literacy	3
	ENGW 101/102/104	3
	Political Science Elective (Options: Courses in code POLS)	3
MATH 006	College Algebra I	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

#### Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Comm.	3
SLMC 101	Principles of Speech	3
	ENGW 103/105	3
	World Language and Culture Requirement (Options: See Elective 3 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
	Humanities Elective	3
	3rd Writing	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
	African Diasporic Cluster	3
	General Elective (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

Item #	Title	Credits
SLMC 301	Intercultural/International Communication	3
SLMC 330	Constitutional Law	3
SLMC 331	Communications Law	3
	U.S. History Elective	3
	General 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
SLMC 332	Intro to Legal Research	3
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	Law Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
SLMC 490	Communication Research Methods	3
SLMC 351	Advanced Public Speaking	3
	Communicative Elective	1
	General Elective 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

Item #	Title	Credits
SLMC 431	Conflict Management and Negotiation	3
SLMC 492	Capstone Senior Research Project	3
	Communication Elective	3
	General Elective (Options: To be determined in consultation with 3 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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Political Science Elective (Options: Courses in code POLS)

### World Language and Culture Requirement (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

### PHIL 051 or PHIL 055

Choose between PHIL 051: Principles of Reasoning (3crs) or PHIL 055: Introduction to Philosophy (3crs).

### Humanities Elective

### 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### General Elective (Options: To be determined in consultation with advisor)

#### Health Ed. Elective

Courses under HHPL and PHAS

#### U.S. History Elective

Courses under subject code HIST

#### Social Science Elective

#### Law Elective

### Health Education Requirement (Options: Courses under subject code HHPL)

#### Communicative Elective

SLMC/MJFC Electives

### General Elective Requirement (Options: To be determined in consultation with advisor)

Courses level 000 to 299 in identified subject for Minor

#### Communication Elective

## Strategic, Legal and Management Communication - Organizational Communications (B.A.)

Within the Management Communication major, the Organizational Communication track focuses on developing effective business savvy, organizational knowledge and communication skills used in managing organizations. Courses explore human interaction in organizational contexts. Student opportunities include the National Association of Broadcasters Education Foundation's Media Sales Institute and more.

IMPORTANT: Unless otherwise arranged, SOC required courses should be taken within the year designated.

### Freshman Year First Semester

Item #	Title	Credits
SCOM 102	Intro Comm Prof. Dev	1
SCOM 120	Digital Media Literacy	3
	ENGW 101/102/104	3
	Mathematics Elective (Options: Courses under code MATH)	3
PSYC 050	Intro to Psychology	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Comm.	3
SLMC 101	Principles of Speech	3
	ENGW 103/105	3
	PHIL 051 or PHIL 055	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	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
SLMC 250	Intro to Leadership and Management Comm	3
ARTE 080	Comp in the Arts & Dig Imaging	3
	3rd Writing	3
<b>Sub-Total Credits</b>		<b>15</b>

## Sophomore Year Second Semester

Item #	Title	Credits
SLMC 210	Intro to Strategic Communication	3
SLMC 251	Interpersonal Communication	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	U.S. History Elective	3
	African Diasporic Cluster	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
SLMC 301	Intercultural/International Communication	3
SLMC 352	Intro to Organizational Comm	3
SOCI 001	Introduction to Sociology	3
	Humanities Elective	3
	General 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
SLMC 351	Advanced Public Speaking	3
	Communication Elective	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Soc. Sci. Elect. or MGMT 301	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
SLMC 405	Practicum / Internship: Organization Communication	1
SLMC 490	Communication Research Methods	3
	SLMC 431 or SLMC 451	3
ARTE 081	Desktop Web Publishing	3
	General Elective (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
SLMC 325	SLMC Co-Curricular	1
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Social Science Elective	3
	Communication Elective	1
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Mathematics Elective (Options: Courses under code MATH)

	MATH 006/007	3
MATH 009	Intro to Statistics	4
MATH 010	College Algebra II	4
MATH 012	Patterns in Math	3
MATH 020	Fundamental Concepts of Mathematics for Education 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

### World Language and Culture Requirement (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

### PHIL 051 or PHIL 055

Choose between PHIL 051: Principles of Reasoning (3crs) or PHIL 055: Introduction to Philosophy (3crs).

### 3rd Writing

1 Class in **ENGL** 009 or 010 or 129 or 700 level course

### Health Education Requirement (Options: Courses under subject code HHPL)

### U.S. History Elective

Courses under subject code HIST

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### General Elective (Options: To be determined in consultation with advisor)

### Humanities Elective

### Communication Elective

### Soc. Sci. Elect. or MGMT 301

Choose between a Soc. Sci. Elective (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

### Communication Elective

## Strategic, Legal and Management Communication — Media Management Sequence (B.A.)

Within the Management Communication major, the Media Management track focuses on developing effective business savvy, organizational knowledge and communication skills used in managing organizations. Courses focus on management and leadership issues in media enterprises. Student opportunities include the National Association of Broadcasters Education Foundation's Media Sales Institute and more.

IMPORTANT: Unless otherwise arranged, SOC-required courses should be taken within the year designated.

### 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
	ENGW 101/102/104	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Social Science Elective	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>



## Freshman Year Second Semester

Item #	Title	Credits
SCOM 130	Ethical Issues in Comm.	3
SLMC 101	Principles of Speech	3
	ENGW 103/105	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	Philosophy Elective	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year First Semester

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 Requirement	3
	Health Education Requirement (Options: Courses under subject code 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
	General 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
	Communication Elective	3
SLMC 321	Advertising Sales	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (Options: To be determined in consultation with advisor)	3
	General Elective (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 343	Programming	3
SLMC 301	Intercultural/International Communication	3
	African Diasporic Cluster	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	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 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	Communication Elective	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 492	Capstone Senior Research Project	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

General Elective (Options: To be determined in consultation with advisor)

### Social Science Elective

### World Language and Culture Requirement (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

### Health Education Requirement (Options: Courses under subject code HHPL)

#### Philosophy Elective

May take PHIL 051, 053, or 055.

PHIL 051	Principles of Reasoning	3
PHIL 053	Introduction to Philosophy of Science	3
PHIL 055/057	Intro to Philosophy	3

### SLMC 202 or MJFC 101

Choose between SLMC 202 - Intro to Comm. Theory (Online) (3crs) and MJFC 101 - Intro to Mass Communications (3crs).

#### Math Requirement

#### Communication Elective

#### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

#### Communication Elective

General Elective (Options: To be determined in consultation with advisor) (3)

## College of Engineering and Architecture

### Computer Science Minor

(Options: To be determined in consultation with advisor)

#### Computer Science Minor (16 Credits)

Item #	Title	Credits
CSCI 100	Intro to Computer Science	3
CSCI 135	Computer Science I	4
CSCI 136	Computer Science II	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Total credits:</b>	<b>16</b>

### Category Descriptions

General Electives (Options: To be determined in consultation with advisor) (6)

#### Architecture - BSADS+

The Department of Architecture offers a program of study leading to the five-year Master of Architecture, 1st Professional degree accredited by the National Architectural Accreditation Board (NAAB). The program places emphasis on student competence in the following program areas: design, inquiry/research, architectural history and theory, sustainability, environmental justice, technical systems, digital technology 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 the built environment and influence societal affairs and the impact of new technologies in an ever- changing world.

[Program Details - Architecture \(BSADS +\)](#)

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<b>Total credits:</b>	<b>171</b>
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## Architecture

### Architecture & Design Studies (BSADS +)

The Department of Architecture offers a program of study leading to the five-year Master of Architecture, 1st Professional degree accredited by the National Architectural Accreditation Board (NAAB). The program places emphasis on student competence in the following program areas: design, inquiry/research, architectural history and theory, sustainability, environmental justice, technical systems, digital technology 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 the built environment and influence societal affairs and the impact of new technologies in an ever- changing world.

Type: BSADS +.

\*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)

### Freshman Fall Semester I

Item #	Title	Credits
ARCH 100	Arch. Freshman Seminar	1
ARCH 160	Foundations in Design 1	5
	English Writing Course	3
MATH 006	College Algebra I	3
	Elective - Humanities/Social Sciences/African American Studies	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Spring Semester I

Item #	Title	Credits
ARCH 161	Foundations in Design II	5
	English Writing Course	3
MATH 007	Precalculus	4
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Fall Semester II

Item #	Title	Credits
ARCH 261	Architecture Design I	6
ARCH 210	Survey of Architectural Hist. I	3
ARCH 240	Building Materials & Methods	3
ARCH 270	Digital Tools in Architect. I	3
PHYS 008	Physics for Architects	4
	<b>Sub-Total Credits</b>	<b>19</b>

## Spring Semester II

Item #	Title	Credits
ARCH 200	Architecture Design II	6
ARCH 211	Surv.of Architectural Hist II	3
ARCH 266	Architecture Pre-Design	3
	Elective - Humanities/Social Sciences/African American Studies	3
	Elective - Humanities/Social Sciences/African American Studies	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Fall Semester III

Item #	Title	Credits
ARCH 364	Architecture Design III	6
ARCH 340	Architect. Struct. I (Statics)	3
ARCH 342	Environmental Sys. in Arch. I	3
ARCH 320	Sustainability Principles	3
ARCH 273	Digital Tools in Architecture II	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Spring Semester III

Item #	Title	Credits
ARCH 365	Architecture Design IV	6
ARCH 341	Architect. Struc.II (Strength)	3
ARCH 343	Environmental Sys. in Arch II	3
ARCH 354	Urban Design Principles	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Fall Semester IV

Item #	Title	Credits
ARCH 466	Architecture Design V	6
	Professional Elective	3
	Elective - Humanities/Social Sciences/African American Studies	3
	Elective - Humanities/Social Sciences/African American Studies	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Spring Semester IV

Item #	Title	Credits
ARCH 467	Arch Design VI Integ. Design	6
ARCH 478	Pub. Issues Arch & Eviron. Jus	3
ARCH 438	Architecture Rsch. Methods	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Fall Semester V

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 885	Architecture Graduate Seminar	3
	Professional Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Spring Semester V

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ARCH 861	Thesis II	6
ARCH 808	Graduate Architecture Independent Study	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	Major Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>171</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

Please consult with your academic advisor.

### Physical Education (Active)

### Professional Elective

### General Elective (Options: To be determined in consultation with advisor) (3)

### Major Elective (Options: To be determined in consultation with advisor) (3)

# 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, and 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.

### Freshman Year First Semester

Item #	Title	Credits
EGPP 101	Intro-Engineering (Chemical)	2
	English Writing Course	3
MATH 156	Calculus I	4
CHEM 003	Gen Chemistry I	4
CHEG 800	Chemical Engineering Seminar	0
CHEM 005	Gen Chem Lab I	1
	Elective - Humanities/Social Sciences/African American Studies	3
	<b>Sub-Total Credits</b>	<b>17</b>

### Freshman Year Second Semester

Item #	Title	Credits
CHEG 102	Intro to Engineering Design	3
	English Writing Course	3
MATH 157	Calculus II	4
CHEM 004	Gen Chemistry II	4
	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	Phys for Sci & Engr Lab I	1
	<b>Sub-Total Credits</b>	<b>17</b>



## Sophomore Year Second Semester

Item #	Title	Credits
MATH 159	Differential Equations	4
CHEG 202	Chem Eng Energy Balances	3
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 303	Chem. Engineering Thermodynamics	3
CHEG 301	Fluid Mechanics	3
CHEM 171	Physical Chemistry I	3
CHEM 173	Physical Chem Lab I	2
EECE 310	Principles of Electronics	2
	Health Ed. Elective	1
<b>Sub-Total Credits</b>		<b>14</b>

## Junior Year Second Semester

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

Item #	Title	Credits
CHEG 401	Separation Processes	3
CHEG 403	Chemical Engineering Kinetics	3
CHEG 413	Chemical Engineering Lab	3
CHEG 407	Process Design I	3
<b>Sub-Total Credits</b>		<b>12</b>

## Senior Year Second Semester

Item #	Title	Credits
CHEG 402	Process Control	3
CHEG 414	Process Design II	3
	Ch. E. Elective	3
	Technical Elective	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

### Elective - Humanities/Social Sciences/African American Studies

Please consult with your academic advisor.

### Health Ed. Elective

Courses under HHPL and PHAS

### Technical Elective

Please consult with your academic advisor.

Physics Majors :(PHYS, CHEM, BIOL, CSCI, MATH, Engineering)

### Ch. E. Elective

Please consult with your academic advisor.

## 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.

#### **Please Note:**

1. PHY023 is a co-requisite for PHY 013.
2. PHY024 is a co-requisite for PHY 014.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 156	Calculus I	4
CSCI 135	Computer Science I	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

<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 024	Phys for Sci & Engr Lab II	1
MATH 181	Discrete Structures	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
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 024	Phys for Sci & Engr Lab II	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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	Probability and Statistics for Eng. Applications	3
	ENGW 101/102/104	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year Second Semester

Item #	Title	Credits
EECE 333	Fndmntls of Signals & Systems	4
EECE 416	Miccomputer Design	3
EECE 410	Intro to Computer Networks	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	ENGW 103/105	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
EECE 417	Computer Systems Architect	3
	Social Science Elective	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### 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

## ENGW 103/105

### Social Science Elective

### CpE Elective

### Math/Science Elective Course

MATH 180	Intro to Linear Algebra	3
CHEM 005	Gen Chem Lab I	1
PHYS 015	Intro to Modern Physics	3
COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3

### Humanities Elective

## 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.

### Freshman Year First Semester

Item #	Title	Credits
CSCI 100	Intro to Computer Science	3
CSCI 120	Explorations in Computer Science	2
	Non-Technical Elective	3
	Science Lecture A	4
	Science Lab A	0
	ENGW 101/102/104	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 156	Calculus I	4
	ENGW 103/105	3
SLMC 101	Principles of Speech	3
CSCI 135	Computer Science I	4
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 157	Calculus II	4
	Science Lecture B (1)	4
	Science Lab B (1)	0
CSCI 136	Computer Science II	3
CSCI 201	Computer Organization I	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 181	Discrete Structures	3
CSCI 354	Computer Science III	3
CSCI 375	Software Engineering	3
CSCI 202	Computer Organization II	3
	Science Lecture B (2)	4
	Science Lab B (2)	0
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CSCI 350	Structure of Program Language	3
	Technical Elective	3
CSCI 432	Database Systems	3
MATH 180	Intro to Linear Algebra	3
ENGL 009	Tech Writing Pre-Professional	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CSCI 363	Large Scale Programming	3
CSCI 473	Applied Data Science	3
	Technical Elective	3
CSCI 491	Senior Project I	3
	Technical Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Technical Elective	3
	Technical Elective	3
	Non-Technical Elective	3
	Non-Technical Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Non-Technical Elective

#### Science Lecture A

#### Science Lab A

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

#### ENGW 103/105

#### Science Lecture B (1)

#### Science Lab B (1)

#### Science Lecture B (2)

## Science Lab B (2)

### Technical Elective

Please consult with your academic advisor.

Physics Majors :(PHYS, CHEM, BIOL, CSCI, MATH, Engineering)

# 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, Liberal Arts, Humanities / Social Sciences, and African American Studies. This program is accredited by the Engineering Accreditation Commission of ABET.

### 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	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

<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	Phys for Sci & Engr Lab I	1
	ENGW 101/102/104	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 024	Phys for Sci & Engr Lab II	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
	ENGW 103/105	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	Probability and Statistics for Eng. Applications	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### 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

MATH 180	Intro to Linear Algebra	3
CHEM 005	Gen Chem Lab I	1
PHYS 015	Intro to Modern Physics	3
COMP 001	Life Sciences Lecture-Laboratory	3
COMP 002	Planetary Science Lecture-Laboratory	3

## EE/CpE Elective

EECE 4xx Courses.

CSCI 4xx Courses.

# 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.

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EGPP 101	Introduction to Engineering	2
MATH 156	Calculus I	4
	ENGW 101/102/104	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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CIEG 104	Civil Eng Software & Design	3
MATH 157	Calculus II	4
	ENGW 103/105	3
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Sophomore Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Basic Science Elective	3
CIEG 202	Statics	3
MATH 158	Calculus III	4
PHYS 014	Phys for Sci & Engr Lec II	3
PHYS 024	Phys for Sci & Engr Lab II	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Humanities Elective	3
CIEG 302	Dynamics	3
CIEG 351	Probability & Stats	3
MATH 159	Differential Equations	4
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>
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
	Social Science Elective	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CIEG 439	Senior Design I	2
CIEG 464	Engineering Project Mgmt	3
	CIEG Elective	3
	CIEG Elective	3
	CIEG Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CIEG 441	Senior Design II	2
	Technical Elective	3
	Technical Elective	3
	African-American Elective (Options: see Elective Group Descriptions)	3
	CIEG Elective	3
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Health Education Requirement (Options: Courses under subject code HHPL)

### Basic Science Elective

Course Options:

BIOL 101, Comp 001, 002,

### Humanities Elective

### Social Science Elective

## General Elective (Options: To be determined in consultation with advisor) (3)

### CIEG Elective

### Technical Elective

Please consult with your academic advisor.

Physics Majors :(PHYS, CHEM, BIOL, CSCI, MATH, Engineering)

### African-American Elective (Options: see Elective Group Descriptions)

Afro-American Studies Elective \* (Options: see Elective Group Descriptions) 3

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# 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

### Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	ENGW 101/102/104	3
MATH 156	Calculus I	4
CHEM 003	Gen Chemistry I	4
EGPP 101	Introduction to Engineering	2
	Health Education Requirement (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>
	ENGW 103/105	3
MATH 157	Calculus II	4
PHYS 013	Phys for Sci & Engr Lec I	3
PHYS 023	Phys for Sci & Engr Lab I	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 024	Phys for Sci & Engr Lab II	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

Item #	Title	Credits
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

Item #	Title	Credits
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

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

Item #	Title	Credits
	General Elective (Options: To be determined in consultation with 3 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

Choose between ENGW 101, ENGW 102, OR ENGW 104



## Health Education Requirement (Options: Courses under subject code HHPL)

### ENGW 103/105

### Social Science/Humanities Elective

### Technical Elective

Please consult with your academic advisor.

Physics Majors :(PHYS, CHEM, BIOL, CSCI, MATH, Engineering)

### 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)

## **College of Nursing & 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.

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	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
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	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

Item #	Title	Credits
	BIOL 200/310	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
	African Diasporic Cluster	3
MATH 009	Intro to Statistics	4
	<b>Sub-Total Credits</b>	<b>16</b>

### Sophomore Year Second Semester

Item #	Title	Credits
CLLS 300	Basic Clinical Lab Techniques	2
HHPL 103	Physiology	3
AHCC 003	Medical Terminology	2
CHEM 141	Organic Chemistry I (Lecture)	3
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>13</b>

### Junior Year First Semester

Item #	Title	Credits
CLLS 307	Clinical Immunology	4
CLLS 308	Clin Diagnostic Microbiology I	5
CLLS 309	Clinical Biochemistry & Instrumentation	4
CLLS 415	Clinical Urinalysis and Body Fluids	3
	<b>Sub-Total Credits</b>	<b>20</b>

## Junior Year Second Semester

Item #	Title	Credits
CLLS 403	Clinical Hematology II	4
CLLS 409	Immunohematology	4
CLLS 310	Clinical Chemistry II	4
CLLS 416	Clinical Diagnostic Microbiology II	4
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
CLLS 400	Molecular Diagnostics	3
CLLS 720	Research- WRTG	3
CLLS 408	Chemistry Practicum	4
CLLS 406	Microbiology Practicum	5
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
CLLS 411	Immunohematology Practicum	4
CLLS 404	Hematology/Urinalysis Practicum	4
CLLS 418	Clin Lab Mgmt Decision Making	2
<b>Sub-Total Credits</b>		<b>10</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### Health Education Requirement (Options: Courses under subject code HHPL)

### ENGW 103/105

### Behavioral Science Elective

### BIOL 200/310

Genetics Lec/Lab - BIOL 200

Cell Biology - BIOL 310

## African Diasporic Cluster

	African American Elective	3
	African Studies Elective (Options: Courses under subject code AFST)	3

General Elective (Options: To be determined in consultation with advisor) (3)

# Health Management Sciences Program

## Health Management (B.S.)

The Bachelor of Sciences in Health Management 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.

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
	MATH 006/007	3
AHCC 110	General Orientation	2
	Health Education Requirement (Options: Courses under subject code 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

Item #	Title	Credits
	ENGW 101/102/104	3
	MATH 010/156	4
PSYC 050	Intro to Psychology	3
SOCI 001	Introduction to Sociology	3
	African Diasporic Cluster	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

Item #	Title	Credits
PHIL 051	Principles of Reasoning	3
ECON 002	Principles of Economics II	3
	HHPL 140 or HUDV 150	3
	Health Education Requirement (Options: Courses under subject code 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	Health Management I	3
HLMN 306	Principles of Epidemiology	3
HLMN 410	Health Economics	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 Health Professionals	2
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HLMN 408	Hlth Mgmt Sem	3
MGMT 303	Human Resources Mgmt	3
HLMN 404	Health Policy	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	
	<b>Sub-Total Credits</b>	<b>14</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### MATH 006/007

### Health Education Requirement (Options: Courses under subject code HHPL)

### MATH 010/156

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### HHPL 140 or HUDV 150

### General Elective (Options: To be determined in consultation with advisor) (3)

## 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.

### Freshman Year First Semester

Item #	Title	Credits
	Social Sciences Requirement	3
	ENGW 101/102/104	3
MATH 006	College Algebra I	3
BIOL 101	General Biology Lec/Lab	4
AHCC 110	General Orientation	2
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MATH 007	Precalculus	4
PSYC 050	Intro to Psychology	3
SLMC 101	Principles of Speech	3
BIOL 102	General Biology Lec/ Lab	4
	<b>Sub-Total Credits</b>	<b>17</b>

### Sophomore Year First Semester

Item #	Title	Credits
	Humanities Elective	3
ENGL 009	Tech Writing Pre-Professional	3
	Health Education Requirement (Options: Courses under subject code HHPL)	1
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	Psychology Requirement	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Sophomore Year Second Semester

Item #	Title	Credits
HHPL 140	Human Growth & Development	3
MATH 009	Intro to Statistics	4
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
HLMN 102	Health Management I	3
HHPL 111	Motor Learning	3
PHIL 051	Principles of Reasoning	3
HHPL 112	First Aid & CPR	3
HHPL 159	Health Science	1
AHCC 003	Medical Terminology	2
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
HLMN 404	Health Policy	3
HHPL 102	Human Anatomy Lec/Lab	4
HESC 220	Intro to Physical Therapy	2
NUTR 161	Introduction to Nutrition	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
HHPL 103	Physiology	3
HESC 405	Fund of Scientific Inquiry	2
PHYS 001	General Physics Lec-Rec-Lab I	5
HHPL 107	Exercise Physiology	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

Item #	Title	Credits
HHPL 104	Kinesiology	3
HHPL 130	Exercise Physiology II	3
PHYS 002	General Physics Lec-Rec-Lab II	5
HLMN 375	Geriatric for AH Prof	2
	<b>Sub-Total Credits</b>	<b>13</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### Social Sciences Requirement

#### ENGW 101/102/104



Choose between ENGW 101, ENGW 102, OR ENGW 104

Health Education Requirement (Options: Courses under subject code HHPL)

ENGW 103/105

Humanities Elective

Psychology Requirement

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)

General Elective 1 Credit (Options: To be determined in consultation with advisor)

## Nutritional Sciences

### Nutritional Sciences - Pre-Dental/Pre- Medicine (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, 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.

## Freshman Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AHCC 110	General Orientation	2
ENGW 101/102	Freshman English Writing	3
MATH 006	College Algebra I	3
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

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AHCC 003	Medical Terminology	2
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	ENGW 102/104	3
	MATH 010/156	4
NUTR 320	Nutritional Life in the Cycle	3
	<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 Physiology 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>
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>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 151	Biochemistry I	3
NUTR 323	Evaluation of Nutrition Status	3
CHEM 142	Organic Chemistry II	3
CHEM 145	Organic Chem Lab	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Junior Year Second Semester

Item #	Title	Credits
NUTR 175	Advanced Nutrition	3
AHCC 301	Ethics for Health Professionals	2
SOCI 110	Elementary Statistics	3
NUTR 410	Medical Nutr The I	3
PHYS 001	General Physics Lec-Rec-Lab I	5
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year First Semester

Item #	Title	Credits
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

Item #	Title	Credits
NUTR 169	Field Experience in HNF	5
NUTR 189	Food Chemistry and Analysis	4
NUTR 425	Issues in Dietetics & Nutrition (Senior Standing)	2
PSYC 050	Intro to Psychology	3
<b>Sub-Total Credits</b>		<b>14</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

### Physical Education (Active)

### ENGW 102/104

ENGW: Placement based on ACTE/SATW scores used by the English department.

## MATH 010/156

### 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)

#### Freshman Year First Semester

Item #	Title	Credits
AHCC 110	General Orientation	2
ENGW 101/102	Freshman English Writing	3
MATH 006	College Algebra I	3
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

Item #	Title	Credits
AHCC 003	Medical Terminology	2
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	ENGW 103/105	3
	MATH 010/156	4
NUTR 320	Nutritional Life in the Cycle	3
	<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 Physiology I	4
NUTR 183	Community Nutrition	3
NUTR 200	Introduction to Health Education Nutrition	2
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
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>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 130	Nutritional Biochemistry	3
NUTR 323	Evaluation of Nutrition Status	3
HLMN 201	Community Health	3
EDUC 212	Educ Psyc: Lrn & Af Am Lrnrs	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
NUTR 175	Advanced Nutrition	3
AHCC 301	Ethics for Health Professionals	2
SOCI 110	Elementary Statistics	3
SOCI 001	Introduction to Sociology	3
NUTR 326	Nutrition Policy	3
	<b>Sub-Total Credits</b>	<b>14</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MDMI 103	Microbiology w/Lab	4
NUTR 417	Nutr in Hlth & Dis	3
NUTR 416	Res Meth in Nutrition	3
NUTR 310	Intro. to Diet & Nutrition Edu	3
HLMN 306	Principles of Epidemiology	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
NUTR 419	Field Placement	1
NUTR 422	Health Plan and Prom.	3
NUTR 189	Food Chemistry and Analysis	4
NUTR 425	Issues in Dietetics & Nutrition (Senior Standing)	2
	<b>Sub-Total Credits</b>	<b>13</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

### Physical Education (Active)

### ENGW 103/105

### MATH 010/156

## Nutritional Sciences – Management (B.S.)

The Department of Nutritional Sciences offers a 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 that prepare them to become dietitians or nutritionists. 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.

IMPORTANT: Statistics course must be selected from the following: SOCI 110, MATH 009, or PSYC 063.

## Freshman Year First Semester

Item #	Title	Credits
AHCC 110	General Orientation	2
ENGW 101/102	Freshman English Writing	3
MATH 006	College Algebra I	3
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

Item #	Title	Credits
AHCC 003	Medical Terminology	2
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	ENGW 103/105	3
	MATH 010/156	4
NUTR 320	Nutritional Life in the Cycle	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
BIOL 101	General Biology Lec/Lab	4
CHEM 004	Gen Chemistry II	4
CHEM 006	General Chem Lab II	1
NAHS 171	Anatomy and Physiology I	4
NUTR 183	Community Nutrition	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
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>15</b>

## Junior Year First Semester

Item #	Title	Credits
NUTR 130	Nutritional Biochemistry	3
NUTR 323	Evaluation of Nutrition Status	3
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
HLMN 102	Health Management I	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
NUTR 175	Advanced Nutrition	3
AHCC 301	Ethics for Health Professionals	2
SOCI 110	Elementary Statistics	3
SOCI 001	Introduction to Sociology	3
EDUC 212	Educ Psyc: Lrn & Af Am Lrnrs	3
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year First Semester

Item #	Title	Credits
BIOL 220	General Microbiology Lec/Lab	4
NUTR 417	Nutr in Hlth & Dis	3
NUTR 416	Res Meth in Nutrition	3
NUTR 312	Foodsrv Systems Mgmt	3
HLMN 410	Health Economics	3
<b>Sub-Total Credits</b>		<b>16</b>

## Senior Year Second Semester

Item #	Title	Credits
NUTR 419	Field Placement (2 Credit Hours)	2
NUTR 422	Health Plan and Prom.	3
NUTR 189	Food Chemistry and Analysis	4
NUTR 311	Org Mgmt of Food & Nutr Serv	3
<b>Sub-Total Credits</b>		<b>12</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

### Physical Education (Active)



ENGW 103/105

MATH 010/156

## 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.

#### Freshman Year First Semester

Item #	Title	Credits
FRSM 001	Freshman Seminar	1
PSYC 050	Intro to Psychology	3
SOCI 001	Introduction to Sociology	3
	ENGW 101/102/104	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

Item #	Title	Credits
CHEM 003	Gen Chemistry I	4
CHEM 005	Gen Chem Lab I	1
	ENGW 103/105	3
	Literature	3
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>14</b>

#### Sophomore Year First Semester

Item #	Title	Credits
NAHS 171	Anatomy and Physiology 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 Health Professionals	2
<b>Sub-Total Credits</b>		<b>17</b>

## Senior Year Summer Session

Item #	Title	Credits
NURS 400	Elective Clinical Nursing	3
<b>Sub-Total Credits</b>		<b>3</b>

## Senior Year First Semester

Item #	Title	Credits
NURS 403	Nursing Research	2
NURS 431	Health Policy & Econ	2
NURS 412	Nursing Infants and Children	5
NURS 421	Psychiatric Mental Health Nurs	5
	NURS - Elective	
<b>Sub-Total Credits</b>		<b>14</b>

## Senior Year Second Semester

Item #	Title	Credits
NURS 406	Senior Practicum	4
NURS 436	Community Health Nursing	3
NURS 438	Nursing Leadership	3
NURS 440	Nursing Synthesis	3
	NURS - Elective	
<b>Sub-Total Credits</b>		<b>13</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### ENGW 103/105

### Literature

#### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### Fine Arts Elective (2)

### NURS - Elective

Only take Nursing Elective if NURS 400 is not taken. Each elective credit should be 3 credits

## 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

### Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
MATH 006	College Algebra I	3
BIOL 101	General Biology Lec/Lab	4
AHCC 110	General Orientation	2
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>15</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	MATH 007/010	4
SOCI 001	Introduction to Sociology	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	<b>Sub-Total Credits</b>	<b>13</b>

### Sophomore Year First Semester

Item #	Title	Credits
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 Physiology I	4
	<b>Sub-Total Credits</b>	<b>14</b>

### Sophomore Year Second Semester

Item #	Title	Credits
SLMC 101	Principles of Speech	3
SOCI 110	Elementary Statistics	3
AHCC 301	Ethics for Health 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

Item #	Title	Credits
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

Item #	Title	Credits
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

Item #	Title	Credits
RASC 330	Clinical Radiotherapy III	3
RASC 335	Clinical Radiotherapy IV	3
	<b>Sub-Total Credits</b>	<b>6</b>

## Senior Year First Semester

Item #	Title	Credits
RASC 412	Treatment Planning I	2
RASC 415	Radiation Oncology II	3
RASC 414	Problem Solving	1
HLMN 102	Health Management I	3
AHCC 414	Radiation Therapy Sci. Inquiry	2
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
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

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### African Diasporic Cluster

African American Elective	3
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ENGW 103/105

MATH 007/010

Choose between MATH 007 and 010

Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)

## School of Business

### Business Administration

#### Business Administration (18 Credits)

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ACCT 202	Accounting Principles II	3
BLAW 305	Business Law I	3
FINA 311	Finance Principles	3
MGMT 301	Management & OB	3
MKTG 301	Principles of Marketing	3
	<b>Total credits:</b>	<b>18</b>

## 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.

## Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
	History or Political Sci. Elective (Options: Courses in codes HIST or POLS)	3
INFO 010	Business Problem Solving	2
MATH 010	College Algebra II	4
MGMT 010	Business Orientation	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>19</b>

## Freshman Year Second Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
	English Writing Course	3
MATH 026	Applied Calculus	4
MGMT 011	Business Orientation II	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
ACCT 202	Accounting Principles II	3
ACCT 310	Intermediate Accounting I	3
BCOM 320	Business Communications	3
ECON 001	Principles of Economics I	3
INFO 204	Mgmt Inform Sys	3
MGMT 001	Career Counseling in Business	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ACCT 311	Intermediate Accounting II	3
ACCT 320	Cost Accounting I	3
ECON 002	Principles of Economics II	3
ECON 180	Statistics-Bus & Econ	3
	General Education Elective(s) (2-3 Credits) *Options: To be determined in consultation with advisor	2-3
	<b>Sub-Total Credits</b>	<b>14-15</b>

## Junior Year First Semester

Item #	Title	Credits
ACCT 340	Auditing I	3
ACCT 350	Acct Info Systems	3
BLAW 305	Business Law I	3
MKTG 301	Principles of Marketing	3
	<b>Sub-Total Credits</b>	<b>12</b>

## Junior Year Second Semester

Item #	Title	Credits
ACCT 318	Tax Principles & Procedures	3
	Accounting Elective (options: 3 credit course in code ACCT, requires advisors approval)	3
FINA 311	Finance Principles	3
INFO 311	Quant Business Analysis	3
	Business Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
ACCT 330	Advanced Accounting	3
MGMT 301	Management & OB	3
INFO 335	Prod & Operations Management	3
	Business Elective	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Accounting Elective (options: 3 credit course in code ACCT, requires advisors approval)	3
	Managerial Economics or Entrepreneurship	3
MGMT 390	Business Policy	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	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)

### World Language and Culture Requirement (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

### Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

### 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 Education Elective(s) (2-3 Credits) \*Options: To be determined in consultation with advisor

General Education Elective requirement can be met with either:

- Two 1 Credit courses;
- One 2 Credit Course; or
- One 3 Credit course.

### Accounting Elective (options: 3 credit course in code ACCT, requires advisors approval)

## Business Elective

Business Elective or General Education Elective (3) \*Options: To be determined in consultation with advisor

### Managerial Economics or Entrepreneurship

BEEN 330	Managerial Economics	3
MGMT 351	Entrepreneurship General	3

## School of Business

### Accounting Concentration

Majors: Computer Information Systems BBA

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 310	Intermediate Accounting I	3
ACCT 311	Intermediate Accounting II	3
ACCT 340	Auditing I	3
ACCT 350	Acct Info Systems	3
	<b>Total credits:</b>	<b>12</b>

### Actuarial Science Concentration

· Majors: Finance BBA

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INSU 350	Risk & Insurance	3
INSU 351	Life & Health Insurance	3
INSU 354	Risk Management	3
MATH 190	Probability & Statistics II	3
MATH 193	Actuarial Science Seminar	3
	<b>Total credits:</b>	<b>15</b>

### Computer Information Systems Concentration

Majors: Accounting BBA or Supply Chain Management BBA

Item #	Title	Credits
INFO 210	Intro to Software Design	3
INFO 330	Data Base Management	3
INFO 370	Systems Analysis & Design	3
	Computer Information Systems Elective* (Options: Courses under code INFO)	3
	<b>Total credits:</b>	<b>12</b>

## Category Descriptions

### 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

## Cybersecurity Concentration

· Majors: Computer Information Systems BBA

Item #	Title	Credits
INFO 391	Intro to Info Security	3
INFO 393	Network/Internet Sec Mgmt	3
INFO 395	Information Assurance	3
	<b>Total credits:</b>	<b>9</b>

## Entrepreneurship Concentration

· Majors: Management BBA

Item #	Title	Credits
MGMT 350	Management of Small Business	3
MGMT 353	Entrepreneurial Mktg	3
MGMT 355	New Venture Development	3
MGMT 356	Entrepreneurial Externship	3
	<b>Total credits:</b>	<b>12</b>

## Risk Management & Insurance Concentration

Majors: Finance BBA

Item #	Title	Credits
INSU 350	Risk & Insurance	3
INSU 351	Life & Health Insurance	3
INSU 352	Property Liability Insurance	3
INSU 354	Risk Management	3
<b>Total credits:</b>		<b>12</b>

## Supply Chain Management Concentration

· **Majors:** Computer Information Systems BBA

Item #	Title	Credits
SCHM 211	Introduction to Logistics	3
SCHM 340	Procurement	3
INFO 384	Business Analytics	3
INFO 396	Project Management	3
<b>Total credits:</b>		<b>12</b>

## 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.

### Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
INFO 010	Business Problem Solving	2
MATH 010	College Algebra II	4
PSYC 050	Intro to Psychology	3
MGMT 010	Business Orientation	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
	English Writing Course	3
MATH 026	Applied Calculus	4
MGMT 011	Business Orientation II	1
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year First Semester

Item #	Title	Credits
ACCT 202	Accounting Principles II	3
ECON 002	Principles of Economics II	3
MGMT 001	Career Counseling in Business	1
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	
	General Education Elective(s) (2-3 Credits) *Options: To be determined in consultation with advisor	2-3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>15-16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ECON 180	Statistics-Bus & Econ	3
	Business Finance (Majors) or Business Principles	3
	History or Political Sci. Elective (Options: Courses in codes HIST or POLS)	3
INFO 204	Mgmt Inform Sys	3
	Foreign Language (Level 2+)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
BCOM 320	Business Communications	3
FINA 313	Financial Management	3
INFO 311	Quant Business Analysis	3
MGMT 301	Management & OB	3
MKTG 301	Principles of Marketing	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
BLAW 305	Business Law I	3
FINA 330	Principles of Investments	3
FINA 363	Financial Model & Analysis	3
BECN 330	Managerial Economics	3
MGMT 316	Business Ethics	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Finance Elective	3
	Finance Elective	3
INFO 335	Prod & Operations Management	3
	Business Elective	3
	Business Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
FINA 380	Bus Fin Policy & Decision Mkg	3
	Finance Elective	3
MGMT 390	Business Policy	3
MGMT 351	Entrepreneurship General	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	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

### World Language and Culture Requirement (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 Education Elective(s) (2-3 Credits) \*Options: To be determined in consultation with advisor

General Education Elective requirement can be met with either:

- Two 1 Credit courses;
- One 2 Credit Course; or
- One 3 Credit course.

### Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

### Business Finance (Majors) or Business Principles

FINA 312	Bus. Finance (Majors)	3
FINA 311	Finance Principles	3

### History or Political Sci. Elective (Options: Courses in codes HIST or POLS)

### Foreign Language (Level 2+)

### Finance Elective

## Business Elective

Business Elective or General Education Elective (3) \*Options: To be determined in consultation with advisor

# Finance & 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)



## Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
INFO 010	Business Problem Solving	2
MATH 010	College Algebra II	4
	Business Orientation	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	General Education Elective(s) (2-3 Credits) *Options: To be determined in consultation with advisor	2-3
	<b>Sub-Total Credits</b>	<b>15-16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
MATH 026	Applied Calculus	4
MGMT 011	Business Orientation II	1
ANTH 110	Intro to Cult Anthropology	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Sophomore Year First Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
MGMT 001	Career Counseling in Business	1
INFO 204	Mgmt Inform Sys	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ACCT 202	Accounting Principles II	3
BCOM 320	Business Communications	3
ECON 002	Principles of Economics II	3
ECON 180	Statistics-Bus & Econ	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BLAW 305	Business Law I	3
INBU 300	Principles of Intrn'l Business	3
INFO 311	Quant Business Analysis	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>
FINA 311	Finance Principles	3
INBU 320	International Marketing	3
INFO 335	Prod & Operations Management	3
	Business Elective	3
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BECN 330	Managerial Economics	3
INBU 340	International Financial Mgmt	3
	Int'l Business Elective	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
POLS 001	Intro to Political Science	3
	Sequence Elective	3
	Sequence 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

## Business Orientation

### World Language and Culture Requirement (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 Education Elective(s) (2-3 Credits) \*Options: To be determined in consultation with advisor

General Education Elective requirement can be met with either:

- Two 1 Credit courses;
- One 2 Credit Course; or
- One 3 Credit course.

### 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

## Business Elective

## 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

### **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	Internt'l 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

Recommended Language(s): Arabic, Chinese, French, Portuguese, Spanish.

Availability and Prerequisites are subject to change according to the host department

### **Regional - Europe**

ECON 192	Internt'l 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	Internt'l 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	Internt'l 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 degree programs at the undergraduate level (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)

## Freshman Year First Semester

Item #	Title	Credits
	English Writing Course	3
INFO 010	Business Problem Solving	2
MATH 010	College Algebra II	4
MGMT 010	Business Orientation	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
	English Writing Course	3
MATH 026	Applied Calculus	4
MGMT 011	Business Orientation II	1
	General Education Elective(s) (2-3 Credits) *Options: To be determined in consultation with advisor	2-3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>13-14</b>

## Sophomore Year First Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
ECON 180	Statistics-Bus & Econ	3
INFO 204	Mgmt Inform Sys	3
MGMT 001	Career Counseling in Business	1
	Science Elective	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
ACCT 202	Accounting Principles II	3
ECON 002	Principles of Economics 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

Item #	Title	Credits
INFO 311	Quant Business Analysis	3
	Programming Language	3
MGMT 301	Management & OB	3
MKTG 301	Principles of Marketing	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
BLAW 305	Business Law I	3
FINA 311	Finance Principles	3
INFO 330	Data Base Management	3
INFO 335	Prod & Operations Management	3
	Computer Information Systems Elective* (Options: Courses under code INFO)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
INFO 370	Systems Analysis & Design	3
	Computer Information Systems Elective* (Options: Courses under code INFO)	3
	Managerial Economics or Entrepreneurship	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
INFO 398	Info Sys Consulting	3
	Computer Information Systems Elective* (Options: Courses under code INFO)	3
MGMT 390	Business Policy	3
	Business Elective	3
	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

### World Language and Culture Requirement (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 Education Elective(s) (2-3 Credits) \*Options: To be determined in consultation with advisor

General Education Elective requirement can be met with either:

- Two 1 Credit courses;
- One 2 Credit Course; or
- One 3 Credit course.

## Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

## History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

## Programming Language

Courses with subject code INFO.

INFO 340	Introduction to C++ Programming	3
INFO 341	Intro to JAVA Programming	3

## Business Elective or General Education Elective (3) \*Options: To be determined in consultation with advisor

## 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

## Managerial Economics or Entrepreneurship

BECN 330	Managerial Economics	3
MGMT 351	Entrepreneurship General	3

## Business Elective

### 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)

### Freshman Year First Semester

Item #	Title	Credits
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
INFO 010	Business Problem Solving	2
MATH 010	College Algebra II	4
	ENGW 101/102/104	3
MGMT 010	Business Orientation	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>16</b>

### Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
MATH 026	Applied Calculus	4
MGMT 011	Business Orientation II	1
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	General Education Elective(s) (2-3 Credits) *Options: To be determined in consultation with advisor	2-3
	<b>Sub-Total Credits</b>	<b>13-14</b>

### Sophomore Year First Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
INFO 204	Mgmt Inform Sys	3
MGMT 001	Career Counseling in Business	1
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
ACCT 202	Accounting Principles II	3
BCOM 320	Business Communications	3
ECON 002	Principles of Economics II	3
ECON 180	Statistics-Bus & Econ	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
FINA 311	Finance Principles	3
INFO 311	Quant Business Analysis	3
MGMT 301	Management & OB	3
MKTG 301	Principles of Marketing	3
SCHM 211	Introduction to Logistics	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year Second Semester

Item #	Title	Credits
	Managerial Economics or Entrepreneurship	3
BLAW 305	Business Law I	3
INFO 335	Prod & Operations Management	3
SCHM 340	Procurement	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
	Business Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
MGMT 390	Business Policy	3
SCHM 390	Supply Chain Integration	3
	SCHM Elective	3
	Business Elective	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
<b>Sub-Total Credits</b>		<b>15</b>
<b>Total credits:</b>		<b>120</b>

## Category Descriptions

### History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

#### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### World Language and Culture Requirement (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

### General Education Elective(s) (2-3 Credits) \*Options: To be determined in consultation with advisor

General Education Elective requirement can be met with either:

- Two 1 Credit courses;
- One 2 Credit Course; or
- One 3 Credit course.

### 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

Business Elective or General Education Elective (3) \*Options: To be determined in consultation with advisor

Managerial Economics or Entrepreneurship

BECN 330	Managerial Economics	3
MGMT 351	Entrepreneurship General	3

Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

SCHM Elective

Options: Courses under subject code SCHM

Business 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)

### Freshman Year First Semester

Item #	Title	Credits
	Freshman Composition	3
MATH 010	College Algebra II	4
	History or Political Sci. Elective (Options: Courses in codes HIST or POLS)	3
	World Language and Culture Requirement (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
	Freshman Composition	3
MATH 026	Applied Calculus	4
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	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

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
MGMT 001	Career Counseling in Business	1
	Health Education Requirement (Options: Courses under subject code HHPL)	1
	General Elective (Options: To be determined in consultation with advisor) (3)	3
	African Diasporic Cluster	3
	<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
BCOM 320	Business Communications	3
ECON 180	Statistics-Bus & Econ	3
INFO 204	Mgmt Inform Sys	3
	Physical Education (Active)	1
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year First Semester

Item #	Title	Credits
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

Item #	Title	Credits
INFO 335	Prod & Operations Management	3
MGMT 302	Adv. Organ Behavior	3
BLAW 305	Business Law I	3
MGMT 303	Human Resources Mgmt	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year First Semester

Item #	Title	Credits
	Business Elective	3
MGMT 331	Decision Making	3
MGMT 351	Entrepreneurship General	3
	MGMT 304 or MGMT 350	3
	Management Elective	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	Business Elective	3
MGMT 390	Business Policy	3
	Management Elective	3
MGMT 316	Business Ethics	3
MGMT 380	Seminar in Management	3
	<b>Sub-Total Credits</b>	<b>15</b>
	<b>Total credits:</b>	<b>120</b>



## Category Descriptions

### Freshman Composition

Courses under ENGL

### History or Political Sci. Elective (Options: Courses in codes HIST or POLS)

### World Language and Culture Requirement (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

### Health Education Requirement (Options: Courses under subject code HHPL)

### General Elective (Options: To be determined in consultation with advisor) (3)

### African Diasporic Cluster

African American Elective	3
African Studies Elective (Options: Courses under subject code AFST)	3

### Physical Education (Active)

### Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

### Business Elective or General Education Elective (3) \*Options: To be determined in consultation with advisor

## Business Elective

MGMT 304 or MGMT 350

## Management Elective

# 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)

\*\*\*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)

## Freshman Year First Semester

Item #	Title	Credits
INFO 010	Business Problem Solving	2
MATH 010	College Algebra II	4
MGMT 010	Business Orientation	1
PSYC 050	Intro to Psychology	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
	English Writing Course	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Freshman Year Second Semester

Item #	Title	Credits
ACCT 201	Accounting Principles I	3
ECON 001	Principles of Economics I	3
	English Writing Course	3
MATH 026	Applied Calculus	4
MGMT 011	Business Orientation II	1
	General Education Elective(s) (2-3 Credits) *Options: To be determined in consultation with advisor	2-3
<b>Sub-Total Credits</b>		<b>16-17</b>

## Sophomore Year First Semester

Item #	Title	Credits
ACCT 202	Accounting Principles II	3
ECON 002	Principles of Economics II	3
MGMT 001	Career Counseling in Business	1
	General Education Elective (Options: To be determined in consultation with advisor)	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	Science Elective	3
<b>Sub-Total Credits</b>		<b>16</b>

## Sophomore Year Second Semester

Item #	Title	Credits
BCOM 320	Business Communications	3
ECON 180	Statistics-Bus & Econ	3
INFO 204	Mgmt Inform Sys	3
MKTG 301	Principles of Marketing	3
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
<b>Sub-Total Credits</b>		<b>15</b>

## Junior Year First Semester

Item #	Title	Credits
FINA 311	Finance Principles	3
INFO 311	Quant Business Analysis	3
MGMT 301	Management & OB	3
MKTG 310	Consumer Behavior	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
BLAW 305	Business Law I	3
MGMT 351	Entrepreneurship General	3
MKTG 361	Marketing Analytics	3
	Business Elective or General Education Elective (3) *Options: To be determined in consultation with advisor	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
	Marketing Elective	3
	Business Elective	3
<b>Sub-Total Credits</b>		<b>15</b>

## Senior Year Second Semester

Item #	Title	Credits
	History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)	3
MGMT 390	Business Policy	3
MKTG 399	Marketing Planning & Strategy	3
	Marketing Elective	3
<b>Sub-Total Credits</b>		<b>12</b>
<b>Total credits:</b>		<b>120-121</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

### English Writing Course

ENGW 101, 102, or 104 First Semester

ENGW 103 or 105 Second Semester

General Education Elective(s) (2-3 Credits) \*Options: To be determined in consultation with advisor

General Education Elective requirement can be met with either:

- Two 1 Credit courses;
- One 2 Credit Course; or
- One 3 Credit course.

General Education Elective (Options: To be determined in consultation with advisor)

World Language and Culture Requirement (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

Science Elective

Courses under subject codes CHEM, PHYS, BIOL, BIOG, and BIOC

Business Elective or General Education Elective (3) \*Options: To be determined in consultation with advisor

Marketing Elective

Business Elective

History or Poli. Sci. Elective (Options: Courses in codes HIST or POLS)

## School of Education

### Human Development

(Options: To be determined in consultation with advisor).

Psychology majors can take any 5 Human Development courses to complete requirements. Non-Psychology must complete the sequence below in order as listed below.

### Human Development

Item #	Title	Credits
HUDV 095	Hmn Dev, Family, Culture & Soc	3
HUDV 113	Prenatal Infant & EC Dev	3
HUDV 114	Growth & Dev in Child & Adoles	3
	General Electives (Options: To be determined in consultation with advisor) (6)	6
	<b>Total credits:</b>	<b>15</b>

### Category Descriptions

General Electives (Options: To be determined in consultation with advisor) (6)

### Secondary Education

#### Secondary Education Minor

Item #	Title	Credits
EDUC 210	Foundations of Urban Education	3
EDUC 311	Special Educ & Classroom Mgmt	3
EDUC 212	Educ Psyc: Lrn & Af Am Lnrs	3
EDUC 410	Pedagogy & Content Literacy	3
EDUC 430	Methods & Instruc Tech	3
EDUC 450	Internship and Classroom Management.	9-12
	<b>Total credits:</b>	<b>24-27</b>

### Human Development (B.S. / M.S.W.)

The BS in human development 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 developmental processes throughout the life-cycle and interpersonal relationships within the context of the family and other human/environmental settings, with

special reference to African-American and underserved populations. The program offers an Honors Program, providing the opportunity for students to enhance their research skills, and a 5-year accelerated dual degree program with a BS and MSW in Human Development.

Human Development (B.S. / M.S.W.)

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**Total credits: 0**

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## 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 of Curriculum and Instruction's mission to prepare world-class teachers and other professionals for leadership roles in a variety of local, national and global educational settings. The department specifically champions the needs of black and other underrepresented students interested in pursuing a career in education. The program is focused on asset-based teaching methodology and interdisciplinary coursework to prepare students to think and reflect critically.

#### Freshman Year First Semester

Item #	Title	Credits
ENGW 104	Writing, Literacy, and Discourse	3
MATH 006	College Algebra I	3
SLMC 101	Principles of Speech	3
	COMP 001 (Life Sciences Lec/Lab)	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

Item #	Title	Credits
ENGW 105	Reflective Writing and Portfolios	3
	Elective (3) - Music/Theatre Arts/Art	3
	(COMP 003 - Science Elective (Physical Science Lec/Lab -or- CHEM3 001 - General Applied Chemistry, and other courses approved by advisor).	
	U.S. History I -or- II	3
EDUC 120	Intl Ed for Contemp Soc	2
	<b>Sub-Total Credits</b>	<b>14</b>

#### Sophomore Year First Semester

Item #	Title	Credits
HUDV 114	Growth & Dev in Child & Adoles	3
EDUC 212	Educ Psyc: Lrn & Af Am Lnrs	3
MATH 020	Fundamental Concepts of Mathematics for Education I	3
EDUC 218	Foundations & Processes of Reading Acquisition	3
EDUC 219	Schooling for Diverse Populations in American Society	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 Urban Parents, Families, Communities, nd School Personnel	3
EDUC 223	Instr. Tech for 21st Century	3
EDUC 225	Earth Sci. & Elem Sci. Prac.	3
MATH 021	Fundamental Concepts II	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 312	Intro:Assessment & Measurement	3
EDUC 314	Prin of Teaching Math & Sci I (Gr. 1-3)	4
EDUC 315	Prin of Teaching Math & Sci II (Gr. 4-6)	4
EDUC 316	Strategies for Tchng Eng Lang Learners	3
SPAN 001	Spanish I or other World Language I	3
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 321	Lit & Wrtg in Urbn Elem Sch	3
EDUC 322	Teaching Language Arts and Social Studies in Urban Elementary Schools	3
EDUC 323	Literacy Assessment and Instructional Frameworks in Urban Elem Schools	3
EDUC 324	Teaching Arts, Health & PE in Urban Elem Schools	4
SPAN 002 - Cloned	Spanish II or other World Lang. II	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Senior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 412	Research Foundations & Methods	3
EDUC 450	Internship and Classroom Mgmt	9
	<b>Sub-Total Credits</b>	<b>12</b>

## Senior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 420	Interdis Research in STEM	3
EDUC 480	Intl Internship & Spec Top Sem	9
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>



## Category Descriptions

### COMP 001 (Life Sciences Lec/Lab)

(Life Sciences Lec/Lab) and other courses approved by advisor.

COMP 001	Life Sciences Lecture-Laboratory	3
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### Elective (3) - Music/Theatre Arts/Art

(COMP 003 - Science Elective (Physical Science Lec/Lab -or- CHEM 001 - General Applied Chemistry, and other courses approved by advisor).

CHEM 001	General & Applied Chemistry	3
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### U.S. History I -or- II

## Human Development

### Human Development (B.S.)

#### Freshman Year First Semester

Item #	Title	Credits
HUDV 095	Hmn Dev, Family, Culture & Soc	3
MATH 006	College Algebra I	3
	ENGW 102/104	3
PSYC 001	Foundations of Psyc Science	4
HUDV 001	Fresh Orientation Sem-Humn Dev	1
	<b>Sub-Total Credits</b>	<b>17</b>

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#### Freshman Year Second Semester

Item #	Title	Credits
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
	<b>Sub-Total Credits</b>	<b>15</b>

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## Sophomore Year First Semester

Item #	Title	Credits
HUDV 114	Growth & Dev in Child & Adoles	3
HHPL 102	Human Anatomy Lec/Lab	4
HHPL 108	Human Anatomy Lab	1
PSYC 003	Statistics I (Lec/Lab)	4
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
HUDV 150	Positive Aging in Adulthood and Later Life	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year Second Semester

Item #	Title	Credits
HHPL 103	Physiology	3
PHIL 055/057	Intro to Philosophy	3
PSYC 004	Statistics II (Lec/Lab)	4
	World Language and Culture Requirement (Options: See Elective Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year First Semester

Item #	Title	Credits
HUDV 119	Diverse Youth and Families of Color	3
HUDV 118	Youth, Families and Communities Placed at Risk and Resiliency	3
ECON 001	Principles of Economics I	3
	POLS 010/011	3
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>13</b>

## Junior Year Second Semester

Item #	Title	Credits
HUDV 141	Risk & Resiliency in Families and Relationships	3
HUDV 120	Interdisciplinary Perspectives of Human Development	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	Parenting: Theory, Research & Support	3
HUDV 149	Youth, Families, Society, and Earth in Consumer and Digital Culture	3
SOCI 186	Death & Dying	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 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.

### World Language and Culture Requirement (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

**POLS 010/011**

Choose between POLS 010 or POLS 011.

**General Elective 1 Credit (Options: To be determined in consultation with advisor)**

Students can take courses in HHPL, SOCI and/or PSYC.

**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

**General Electives (Options: To be determined in consultation with advisor) (2)****Human Development (B.S. / M.S.W.)****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
PSYC 001	Foundations of Psyc Science	4
HUDV 001	Fresh Orientation Sem-Humn Dev	1
	General Elective 1 Credit (Options: To be determined in consultation with advisor)	1
	<b>Sub-Total Credits</b>	<b>18</b>

## Freshman Year Second Semester

Item #	Title	Credits
HUDV 113	Prenatal Infant & EC Dev	3
SLMC 101	Principles of Speech	3
	ENGW 101/102/104	3
SOCI 001	Introduction to Sociology	3
HUDV 148	Research in Human Development	3
HUDV 191	Service Learning in Human Dev.	3
	<b>Sub-Total Credits</b>	<b>18</b>

## Sophomore Year First Semester

Item #	Title	Credits
HUDV 114	Growth & Dev in Child & Adoles	3
HHPL 102	Human Anatomy Lec/Lab	4
PSYC 003	Statistics I (Lec/Lab)	4
HUDV 150	Positive Aging in Adulthood and Later Life	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	<b>Sub-Total Credits</b>	<b>20</b>

## Sophomore Year Second Semester

Item #	Title	Credits
HHPL 103	Physiology	3
PHIL 055	Intro to Philosophy	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
PSYC 004	Statistics II (Lec/Lab)	4
	World Language and Culture Requirement (Options: See Elective 3 Group Descriptions)	3
	General Elective (Options: To be determined in consultation with 3 advisor)	3
	General Elective (Options: To be determined in consultation with 3 advisor) (3)	3
	<b>Sub-Total Credits</b>	<b>22</b>

## Junior Year First Semester

Item #	Title	Credits
HUDV 119	Diverse Youth and Families of Color	3
	POLS 010/011	3
HUDV 118	Youth, Families and Communities Placed at Risk and Resiliency	3
ECON 001	Principles of Economics I	3
	Afro-American Studies Elective * (Options: see Elective Group Descriptions)	3
HUDV 169	Field Exper in Human Develop	6
	<b>Sub-Total Credits</b>	<b>21</b>

## Junior Year Second Semester

Item #	Title	Credits
HUDV 141	Risk & Resiliency in Families and Relationships	3
HUDV 120	Interdisciplinary Perspectives of Human Development	3
NUTR 160	Nutrition	3
SOCI 186	Death & Dying	3
HUDV 143	Parenting: Theory, Research & Support	3
HUDV 149	Youth, Families, Society, and Earth in Consumer and Digital Culture	3
	General Elective (Options: To be determined in consultation with advisor)	3
	<b>Sub-Total Credits</b>	<b>21</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

General Elective 1 Credit (Options: To be determined in consultation with advisor)

General Elective (Options: To be determined in consultation with advisor)

### World Language and Culture Requirement (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)

### 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
MUTP 100	Blacks in the Arts	3

# Course Descriptions

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## Chadwick A. Boseman College of Fine Arts

### **THTT 112: Stagecraft II - Lab**

**Credits:** 1

## Art

### **ARTA 011: Painting I**

**Credits:** 3

### **ARTF 003: Drawing III**

**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/Permissions:**

Art 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  
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/Permissions:**

ARTH 164, Art 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

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

ARTH 181 or instructor permission.

**ARTH 188: African Art: Traditions & Contin**

Learn the philosophical and social structure of the indigenous African cultures across sacred and secular art forms.

**Credits:** 3

**ARTH 189: Trends Ideas African Amer 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/Permissions:**

Instructor permission.

**ARTH 191: Contemporary Carib Artists**

Study the artistic practice of artists of Caribbean-descent from 1980s to the contemporary.

**Credits:** 3

**ARTH 193: Bl: Body Dress & Cult**

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

## ARTC - Ceramics

**ARTC 121: Ceramics I**

Explore clay using hand building fabricating techniques. Study clay's 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/Permissions:**

ARTC 121

**ARTC 123: Ceramics III**

Study advanced wheel forms, production and glazes.

**Credits:** 3

**Prerequisites/Permissions:**

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 125/126: 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/Permissions:**

ARTC 123

**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/Permissions:**

ARTC 129. Favorable evaluation required. Majors/minors only.

**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/Permissions:**

Consent of instructor.

**ARTC 138: Ceramic Sculpture**

Study clay handled three-dimensionally or in relief format.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

ARTD 106

**ARTD 108: Typography II**

Study procedures in type specification and mechanical printing methods.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Junior or Instructor permission.

**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/Permissions:**

ARTD 115

### **ARTD 123: Magazine & News Design II**

Study informational graphics and the role of computers in newspaper design.

**Credits:** 3

**Prerequisites/Permissions:**

ARTD 118

### **ARTD 125 or FASH 197: Industry Prep & Entrepreneur or Fashion Entrepreneurship**

Learn the foundation for the financial planning and management of a new venture start-up and acquisition.

**Credits:** 3

**Prerequisites/Permissions:**

Senior standing and instructor permission.

### **ARTD 126: Web Dev & Interactive Media**

Explore web design and interactive media.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor approval

## **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/Permissions:**

ARTF 002.

## **ARTE - Electronic Studio Art**

### **ARTE 080: 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

**Prerequisites/Permissions:**

Art Majors Only

**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 081: Desktop Web Publishing**

Learn the foundation of computer graphics with an emphasis on desktop publishing programs.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

ARTE 080

**ARTE o85: Digital Photography**

Integrates photography and computer image process techniques to create a new art forms.

**Credits:** 3

**Prerequisites/Permissions:**

ARTE 080

**ARTE o86: Multi-Media**

Explore the use of multi-media systems to create text, images, sound boards.

**Credits:** 3

**Prerequisites/Permissions:**

ARTE 082

**ARTE o87: 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/Permissions:**

ARTE 086

**ARTE o88: Workshop/Capstone I**

Explore advanced electronic studio projects to create pre-press copy, video, or other multi-media format.

**Credits:** 3

**Prerequisites/Permissions:**

Senior standing and instructor permission.

**ARTE o89: 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/Permissions:**

ARTE 082



**ARTE 090: Digital Video Narratives**

Explore various programs used for motion and static imagery to create narratives.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

ARTE 089

**ARTE 100: Independent Study III**

Study and produce independent research under the guidance of a faculty adviser.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

ARTE 101

## ARTX - Experimental Studio Art

**ARTX 161: Experimental Studio I**

Explore improvisational and unconventional combinations of media.

**Credits:** 3

**Prerequisites/Permissions:**

Junior or Senior standing and instructor permission.

# 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

### **Prerequisites/Permissions:**

Art majors only.

## **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/Permissions:**

FASH 004 or instructor permission. Art majors only.

## **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/Permissions:**

FASH 004 or instructor permission. Art majors only.

## **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

### **Prerequisites/Permissions:**

Art majors only.

## **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/Permissions:**

Art 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/Permissions:**

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

**Prerequisites/Permissions:**

Art majors only.

**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/Permissions:**

FASH 009. Art majors only.

**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/Permissions:**

Art majors only.

**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/Permissions:**

FASH 163. Art majors only.

**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/Permissions:**

Instructor permission. Art majors only.

**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/Permissions:**

Instructor permission. Art majors only.

**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/Permissions:**

Instructor permission. Art majors only.

**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/Permissions:**

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. Art majors only.

**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/Permissions:**

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. Art majors only.

**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/Permissions:**

FASH 162. Art majors only.

**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/Permissions:**

FASH 124. Art majors only.

**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/Permissions:**

FASH 004 or instructor permission. Art majors only.

**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/Permissions:**

FASH 004 and MATH 005 or higher. Art majors only.

**FASH 176: Fashion in Context**

Explore current topics of interest in or clothing and accessory design techniques for the fashion industry.

**Credits:** 3

**Prerequisites/Permissions:**

FASH 004, FASH 186, or instructor permission. Art majors only.

**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/Permissions:**

FASH 162, Senior standing, and instructor permission. Art majors only.

**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/Permissions:**

FASH 124. Art majors only.

**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/Permissions:**

FASH 164 and 172. Art majors only.

**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/Permissions:**

Art majors only.

**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

**Prerequisites/Permissions:**

Art majors only.

**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/Permissions:**

FASH 004 and one course in psychology or sociology, or instructor permission. Art majors only.

**FASH 188: Current Clothing Topics**

Examine current topics of interest in the fashion and clothing field. Topics will vary.

**Credits:** 3

**Prerequisites/Permissions:**

FASH 186 or instructor permission. Art majors only.

**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/Permissions:**

Instructor permission. Art majors only.

**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/Permissions:**

Junior or senior standing and instructor permission. Art majors only.

**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/Permissions:**

Junior or senior standing and instructor permission. Art majors only.

**FASH 192: Current Textile Topics**

Examine current topics of interest in textiles. Topics will vary.

**Credits:** 3

**Prerequisites/Permissions:**

FASH 004, FASH 124, or instructor permission. Art majors only.

**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/Permissions:**

FASH 004 or instructor permission. Art majors only.

**FASH 194: Fashion Seminar**

Examine advanced topics of interest in fashion and clothing.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor permission. Art majors only.

**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/Permissions:**

ARTD 103, FASH 004, FASH 193, or instructor permission. Art majors only.

**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/Permissions:**

FASH 124 or instructor permission. Art majors only.

**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/Permissions:**

FASH 004, FASH 174, FASH 187, and FASH 193, or instructor permission. Art majors only.

**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/Permissions:**

FASH 004 or instructor permission. Art majors only.

**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/Permissions:**

FASH 177, 184, Senior standing, and instructor permission. Art majors only.



# 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/Permissions:**

ARTF 001

## **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/Permissions:**

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/Permissions:**

ARTF 089

# ARID - Interdisciplinary

## **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/Permissions:**

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/Permissions:**

ARID 102 or instructor permission.

## **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/Permissions:**

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/Permissions:**

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

**Prerequisites/Permissions:**

Art 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

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

INTD 106 or instructor permission.

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Senior standing.

**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/Permissions:**

Instructor permission.

### **INTD 131: Furniture Design II**

Examine advanced techniques for furniture design.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

ARTF 001

### **ARTA 012: Painting II**

Study various approaches to painting.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

ARTF 001

**ARTA 016: Figure Painting I**

Study various histories and tools for figure painting.

**Credits:** 3

**Prerequisites/Permissions:**

ARTA 011

**ARTA 017: Figure Painting II**

Study various advanced techniques in figure painting.

**Credits:** 3

**Prerequisites/Permissions:**

ARTA 016

**ARTA 018: Figure Painting III**

Explore various advanced techniques in figure painting.

**Credits:** 3

**Prerequisites/Permissions:**

ARTA 017

**ARTA 019: Public Art I**

Explore art located in public environments.

**Credits:** 3

**Prerequisites/Permissions:**

ARTA 018

**ARTA 020: Public Art II**

Explore art located in public environments.

**Credits:** 3

**Prerequisites/Permissions:**

ARTA 019

**ARTA 023: Painting Workshop**

Explore individual studies in painting under the supervision of a faculty member.

**Credits:** 3

**Prerequisites/Permissions:**

ARTA 011

**ARTA 024: Advanced Painting Workshop**

Explore individual studies in painting under the supervision of a faculty member.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

ARTA 023

## **ARTP - Photography**

### **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 040: Digital Printmaking Workshop II**

Explore the production of printmaking utilizing contemporary digital methods.

**Credits:** 3

**Prerequisites/Permissions:**

ARTP 039

### **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/Permissions:**

ARTP 050 or instructor permission.

### **ARTP 055: Photo Intern I**

Learn studio lighting techniques as they pertain to still life set-ups.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Instructor permission.

### **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 147: Wood Sculpture**

Study the manual techniques involved in wood carving and fabrication processes. Learn the forms of fine wood sculpture and other woodwork. Understand how to identify and season wood, wood working tools, equipment and processes.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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 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 155: Independent Studio I**

Explore advanced study in personal sculpture direction.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor permission.

## Music

### **MUSD 031: Voice Class for instrument Minors**

**Credits:** 1

### **MUSD 077: Intro. to Music Technology II**

**Credits:** 3

### **MUSF 031: University Choir V**

**Credits:** 1

### **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

## 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 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

## 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 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 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/Permissions:**

MUTE 111, 112

# MUTS - Clarinet

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

MUTS 121

# 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 033: Entrepreneur Entertain 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/Permissions:**

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/Permissions:**

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 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 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/Permissions:**

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 255: Adm of Coll Jazz Stud**

Grad Class

**Credits:** 3

## MUTP - Fine Arts Guitar

**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/Permissions:**

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 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/Permissions:**

MUSP 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **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/Permissions:**

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/Permissions:**

MUSP 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSP 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

MUSP 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## 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/Permissions:**

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 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/Permissions:**

MUST 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUST 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUST 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

MUST 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## MUSB - Fundamentals

**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 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/Permissions:**

Coreq: MUSB 021, 022.

**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/Permissions:**

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/Permissions:**

Coreq.: MUSB 041, 042.

**MUSB 012: Adv Ear Trng/Sight Singing II**

Study advanced music reading skills, emphasizing contemporary literature through melodic-rhythmic-harmonic dictation.

**Credits:** 2

**Prerequisites/Permissions:**

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/Permissions:**

Prerequisites: MUSB 003 and passing grade on Piano Proficiency Exam (MUSE 051).

**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/Permissions:**

Coreq.: MUSB 003, 004.

**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/Permissions:**

Coreq.: MUSB 003, 004.

**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/Permissions:**

Prereqs.: 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/Permissions:**

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/Permissions:**

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 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/Permissions:**

MUSB 042

**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/Permissions:**

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/Permissions:**

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/Permissions:**

Prerequisite: MUSB 042. Continuation of MUSB 151

### **MUSB 152: Composition II**

Study compositional techniques associated with small musical forms (binary, ternary, etc.), examine various forms for melodic, harmonic, and rhythmic development through instrumental works. Compose music for small ensembles under individual weekly guidance from a faculty mentor.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

Continuation and intensification of MUSB 152. Prereqs.: 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/Permissions:**

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/Permissions:**

Permission of faculty member.

## **MUSO - Guitar**

### **MUSO 001: Guitar Class-Non-major**

Learn guitar playing, including technical proficiency, musical interpretation, and historical context 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/Permissions:**

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 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 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/Permissions:**

MUSO 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSO 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **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/Permissions:**

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/Permissions:**

MUSO 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **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 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



# 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Instrumental Minor and MUSD 051.

**MUSD 120: Contemporary Trends in Music I**

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/Permissions:**

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/Permissions:**

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

# MUSH - Jazz

## **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 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/Permissions:**

Prereqs.: 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/Permissions:**

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/Permissions:**

Prereqs.: 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/Permissions:**

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/Permissions:**

Prereqs.: 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 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

## 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/Permissions:**

Audition required

**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/Permissions:**

Audition required, Continuation of MUTI 011

**MUTI 021: Jazz Ensemble A III**

Continuation of MUTI 011

**Credits:** 1

**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/Permissions:**

Audition required, Continuation MUTI 231

**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/Permissions:**

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/Permissions:**

Audition required, Continuation of MUTI 032

**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/Permissions:**

Audition required, Continuation of MUTI 041

**MUTI 043: Jazz Ensemble A VIII**

**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/Permissions:**

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

## MUSC - Literature

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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: Intro. to Ethnomusicology**

New - 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. OUS will work with Registrar for new number.

**Credits:** 3

**Prerequisites/Permissions:**

MUSC 008.

**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

**MUSC 103: The Symphony**

Presents the origins and development of the symphony and related forms, including an intensive study of scores.

**Credits:** 3

**Prerequisites/Permissions:**

MUSC 007.

**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 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 207: Individual Research**

Explore a research topic in music literature in discussion with a faculty member.

**Credits:** 3

**Prerequisites/Permissions:**

Permission of faculty member.

**MUSC 307: Individual Research Music Lit**

Explore an advanced research topic in music literature in discussion with a faculty member.

**Credits:** 3

**Prerequisites/Permissions:**

Permission of faculty member.

## MUTH - Marching Band

**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/Permissions:**

Audition required

**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/Permissions:**

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/Permissions:**

Audition requiredContinuation of MUTH 111, 112

**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/Permissions:**

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/Permissions:**

Audition Required, Continuation of MUTH 121, 122

**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/Permissions:**

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/Permissions:**

Audition Required, Continuation of MUTH 131, 132

**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/Permissions:**

Audition Required, Continuation of MUTH 131, 132

# 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/Permissions:**

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/Permissions:**

A continuation of MUSJ 111

## **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/Permissions:**

Prereqs. MUSJ 101, 2 semesters of MUSO 100

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MUSJ 101, MUSJ 102, MUSJ 105, MUSJ 110, MUSJ 115. SPRING

**MUSJ 122: Independent Study**

Explore directed research in music therapy.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

Prereqs. All music department requirements and all music therapy curriculum courses. SPRING/FALL

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

## 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 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 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

## 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/Permissions:**

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/Permissions:**

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/Permissions:**

Audition required, Continuation of MUTJ 011, 012

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

Audition required, Continuation of MUTJ 021, 022

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

Audition required, Continuation of MUTJ 031, 032

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **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/Permissions:**

Audition Required, Continuation of MUTH 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MUSF 241, 242, or consent of instructor.

## 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 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 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

## **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 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/Permissions:**

MUSW 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **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/Permissions:**

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 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/Permissions:**

MUSW 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

MUSW 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## 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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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 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/Permissions:**

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/Permissions:**

Continuation of MUSE 021, 022. Preparation for the proficiency examination

**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/Permissions:**

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 101: Piano Music Theatre II**

Learn piano music related to musical productions. Course can be repeated.

**Credits:** 1

**Prerequisites/Permissions:**

Permission of coordinator/instructor required

**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 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/Permissions:**

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: Functional Piano II (Therapy)**

Study scales, arpeggios (four octaves), Bach short works, sonatinas, and selected Romantic and Modern works.

**Credits:** 1

**Prerequisites/Permissions:**

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/Permissions:**

Prereqs.: MUSE 111, 112, or consent of instructor.

**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/Permissions:**

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/Permissions:**

Prereqs.: MUSE 121, 122, or consent of instructor.

**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/Permissions:**

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/Permissions:**

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/Permissions:**

Prereqs.: 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 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/Permissions:**

Prereqs.: MUSE 131, 132

**MUSE 158: Piano Pedagogy**

Continuation of MUSE 157.

**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 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/Permissions:**

Prereqs.: 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/Permissions:**

Prereqs.: 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/Permissions:**

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/Permissions:**

Prereqs.: MUSE 231, 232, 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/Permissions:**

Continuation of MUSE 241.

# 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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

MUSL 111, 112

**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/Permissions:**

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/Permissions:**

MUSL 122

**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/Permissions:**

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/Permissions:**

MUSL 132

**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/Permissions:**

MUSL 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

# 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 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/Permissions:**

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/Permissions:**

MUSZ 112,121

## **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/Permissions:**

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/Permissions:**

MUSZ 121, 122

## **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/Permissions:**

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/Permissions:**

MUSZ- of 131, 132

**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/Permissions:**

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/Permissions:**

MUSZ 121

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSZ 211, 222

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

# 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/Permissions:**

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 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/Permissions:**

MUSQ 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **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/Permissions:**

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/Permissions:**

MUSQ 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSQ 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

MUSQ 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## 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 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 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/Permissions:**

MUTD 111, 112

## 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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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 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 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 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

## **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/Permissions:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **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/Permissions:**

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/Permissions:**

MUTB 111, 112,

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression



**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/Permissions:**

MUTB 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## 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

## 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 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 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/Permissions:**

MUSU 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSU 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

MUSU 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

# 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/Permissions:**

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 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 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 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 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

## 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/Permissions:**

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 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/Permissions:**

MUSV 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSV 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSV 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

MUSV 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

# 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/Permissions:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **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/Permissions:**

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/Permissions:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTL 032: University Choir VI**

Continuation of MUTL 031.

**Credits:** 1

**Prerequisites/Permissions:**

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/Permissions:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

Audition required

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression



**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/Permissions:**

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/Permissions:**

Audition required, Continuation of MUTM 011, 012

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**MUTM 022: University Chorale IV**

Continuation of MUTM 011, 012

**Credits:** 1

**Prerequisites/Permissions:**

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/Permissions:**

Audition required, Continuation of MUTM 021, 022

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

Audition required, Continuation of MUTM 031, 032

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **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/Permissions:**

Audition required, Continuation of MUTM 031, 032

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## 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 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 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 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 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 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

## 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 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/Permissions:**

MUSM 111, 112

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSM 121, 122

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

MUSM 131, 132

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

MUSM 131, 132

## 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/Permissions:**

Prerequisites: Audition, Music minors only

**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/Permissions:**

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/Permissions:**

Restricted: Music majors only

**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/Permissions:**

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/Permissions:**

Restricted: Music majors only

**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/Permissions:**

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/Permissions:**

Restricted: Music majors only

**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/Permissions:**

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/Permissions:**

Restricted: Music majors only

**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/Permissions:**

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:** 3

**Prerequisites/Permissions:**

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 for 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/Permissions:**

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 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



# 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 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/Permissions:**

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/Permissions:**

MUTC 111, 112

## **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/Permissions:**

MUTC 111, 112

## **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/Permissions:**

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/Permissions:**

MUTC 204

## **THAC - Acting**

### **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

THAC 014

**THAC 016: Dialects for the Stage**

Explore techniques of various dialects based on phonetics and phonology.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Consent of instructor. Fall Semester only.

**THAC 027: Audition Techniques**

Learn how to prepare monologues, work on prepared and cold readings, resume, and marketing techniques.

**Credits:** 3

**Prerequisites/Permissions:**

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 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 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/Permissions:**

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/Permissions:**

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/Permissions:**

Majors only

**THAC 123: Acting: Styles II**

Explore selected styles of acting from an historical perspective.

**Credits:** 3

**Prerequisites/Permissions:**

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 129: Acting Seminar**

Explore the adaption of business skills for the performing artist in preparation for entrepreneurship and artist marketing.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

Majors only

**THAC 201: IS: Singing Voice for Actors**

Learn skills in acquiring techniques for the application of the beginning singer.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor approval. Majors only

**THAC 202: Independent Study: Performance**

Explore a particular area of interest in theatre working independently with an instructor.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

Instructor approval. Majors only

**THAC 211: Act for Film/TV I-Majors Only**

Learn professional hands-on experience in acting techniques for the camera.

**Credits:** 3

**Prerequisites/Permissions:**

Majors only

**THAC 211 or THAC 030 or THAC 124: Act for Film/TV I-Majors Only**

Learn professional hands-on experience in acting techniques for the camera.

**Credits:** 3

**Prerequisites/Permissions:**

Majors only

**THAC 212: Acting for Film/TV II**

Learn professional hands-on experience in acting techniques for the camera.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

Dance majors

**THDN 002: Modern II**

Learn beginner-intermediate modern dance skills in the Katherine Dunham and/or Martha Graham technique.

**Credits:** 2

**Prerequisites/Permissions:**

Dance majors

**THDN 003: Modern III**

Learn Intermediate modern technique in Dunham and/or Graham.

**Credits:** 2

**Prerequisites/Permissions:**

Dance majors

**THDN 004: Modern Dance Technique IV**

Learn intermediate-advanced levels of modern technique in Dunham and/or Graham technique.

**Credits:** 2

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Dance majors

**THDN 009: Ballet III**

Learn lintermediate level of specific techniques in classical ballet (Cechetti, English, Bourneville, etc.).

**Credits:** 2

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

Spring semester.

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Prerequisite: THDN 065

**THDN 067: Kines. Character Develop & Sto**

Explore kinesthetic character development and storytelling designed to develop the artist's 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/Permissions:**

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/Permissions:**

THDN 062

**THDN 076: Dnc Tech I Bal/Mod/Afr & Sem**

Learn foundational skills in ballet, modern, and African dance techniques.

**Credits:** 2

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 1

**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

## 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: Character/Scene Study-Music Theatre**

Explore the "mindset" of character development and how to use the clues in a script to develop the character.

**Credits:** 3

**THMT 029: Character/Scene Study II-M. Theatre**

Continuation of THMT 028

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Prerequisite: Voice for Musical Theatre II (THMT 112)

**THMT 114: Voice - Music Thea-Mjrs Only**

Study contemporary musical theater.

**Credits:** 1

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 1

**Prerequisites/Permissions:**

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

## THPD - Pre-directing

**THPD 030: Beginning Directing I**

Learn the principles, procedures, and practices of stage direction.

**Credits:** 3

**THPD 032: Intermed Directing I: Style**

Explore various styles of stage direction and the history of the director.

**Credits:** 3

**Prerequisites/Permissions:**

THPD 030 and consent of instructor. Fall semester only.

## THTA - Theatre Arts Administration

**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 Department's stage productions and designated Howard University events.

**Credits:** 1

**THTA 002: Theatre Arts Admin Lab II**

Continuation of THTA 001

**Credits:** 1

**Prerequisites/Permissions:**

THTA 001

**THTA 003: Theatre Arts Admin Lab III**

Continuation of THTA 002

**Credits:** 1

**Prerequisites/Permissions:**

THTA 002

**THTA 004: Theatre Arts Admin Lab IV**

Continuation of THTA 003

**Credits:** 1

**Prerequisites/Permissions:**

THTA 003

**THTA 005: Theatre Arts Admin Lab V**

Continuation of THTA 004

**Credits:** 2

**Prerequisites/Permissions:**

THTA 004

**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/Permissions:**

Fall semester.

**THTA 091: Intro to Theatre Mgmt II**

Continuation of THTA 090.

**Credits:** 3

**Prerequisites/Permissions:**

THTA 090

**THTA 094: Prod Mgmt (Theatre Arts Mjrs)**

Explore the operations and practice of theatrical producing and management as a profession. Understand Students the production manager's 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 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/Permissions:**

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

**THEA 170: Method & Prin Teaching Drama**

Learn methodology and principles of teaching dramatic arts on the secondary level.

**Credits:** 3

**Prerequisites/Permissions:**

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

## 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/Permissions:**

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/Permissions:**

THFD 040 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 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 Aristotilean theory for analyzing dramatic literature with regard to plot, theme, and character in four different genres.

**Credits:** 3

**Prerequisites/Permissions:**

ENGL 002, ENGL 003.

**THFD 081: Play Reading**

Examine and evaluate plays that span a wide variety of genres.

**Credits:** 3

**Prerequisites/Permissions:**

THFD 080 and consent of instructor.

**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/Permissions:**

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/Permissions:**

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 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 Honor's 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 honor's 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/Permissions:**

Majors only

**THFD 204: Scrip Wr:The one-hour TV Drama**

Learn how to write a television drama pilot.

**Credits:** 3

**Prerequisites/Permissions:**

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 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 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, stage 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: Stagcraft II**

Learn and execute the responsibilities related to live theatre production in the areas of lighting and sound

**Credits:** 3

**THTT 102 (4) / Lab: Stagcraft II**

Learn and execute the responsibilities related to live theatre production in the areas of lighting and sound

**Credits:** 4

**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/Permissions:**

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/Permissions:**

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 designer's 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/Permissions:**

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/Permissions:**

Required for Design/Tech/Management majors



**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/Permissions:**

Basic drafting skills are required

**THTT 154: Design I (Mjrs Only)**

Learn drafting procedures and graphic techniques for the stage.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

THTT 030 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 160: Survey of Design Style**

Examine the expanse of design theories and aesthetics in design for live performance

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

PreReq: THTT 102

**THTT 205: Model Building**

Learn the techniques, materials, tools for model making in the theatre. Understand and focus on ¼◇ and ½◇ scale models. .

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

Majors only

**THTT 301: Design/Tech. Practicum O**

Explores specific design or shop work in the mounting of departmental productions.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Design/Tech/Management majors only

**THTT 311: Scenic Painting**

Learn the techniques and practice of scenic painting.

**Credits:** 3

**Prerequisites/Permissions:**

Design/Tech/Management majors only

**THTT 312: Scenic Painting II**

Study advanced materials, techniques, media, surfaces and processes of scenic painting.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Advisor approval.

**THTT 401: Design/Tech Practicum**

Explore the mounting of departmental productions.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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

## MUTG - Marching Band

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Audition required

## MUTK - Women's Chorus

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Audition required, Continuation MUTK 021

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## MUTV - Jazz Vocal Workshop

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Audition



# MUTW - Jazz Voice

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 - Jazz Piano

**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/Permissions:**

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 - Jazz Bass Workshop

**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

## THSV - Introduction to Theatre

**THSV 010: Introduction to Theatre**

Learn broadly about the interdisciplinary field of theatre.

**Credits:** 3

## AFST - African Studies

**AFST 101: Intro to Contemporary Africa**

Provides a general introduction to contemporary Africa, its people, and their relations with people in other parts of the world, including including 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**

Examines Africans' contributions to 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 104: Islam, Youth & Soc Change**

Examines various models of social transformation as enacted primarily by Muslim youth in Africa and the Diaspora.

**Credits:** 3

**AFST 105: African Language & Culture**

Offers a survey of African languages and their classification, describes characteristics of the language families of Africa, and analyzes the relation of language to conceptual systems and logic. 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**

Offers 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**

Examines 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**

Applies an interdisciplinary approach to the study of African development challenges and prospects that integrates 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**

Studies the nature, and variety of African religious, political, social, and cultural systems of thought, with an emphasis on the connections among them, and their impact on African definitions, problems, and their interactions with emerging social systems. 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**

Presents and delve into material ordinarily not available in regular course offerings or experimental courses by covering 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**

Explores 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**

Examines 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**

Examines the historical and contemporary relationships and ties between China and Africa and their impacts on Africa's 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

**AFST 126: AIDS in Africa & the Afr Diasp**

Studies AIDS in Africa and the African Diaspora, with a focus on the interrelations of race, gender, class and sexuality on the one hand, and the distributional spread of the disease and societal and global responses to it on the other.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

**AFST 131: African Cult Form & Identities**

Offers 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**

Studies the origins, design, and effects of international and regional organizations. International organizations studied include the African Union, the United Nations, the World Trade Organization, the International Monetary Fund, the World Bank, and the International Criminal Court. Regional organizations consists mainly of Africa's regional economic communities or RECs.

**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**

Introduces students to the oral and written literatures of Africa, with an 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**

Explores the modes and dynamics of interaction between literature, orature, and film, as well as 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**

Introduces students to regional studies and familiarizes them with a selected region's socioeconomic and political issues using youth cultural innovation through Hip Hop. Prerequisite: AFST 101, or equivalent.

**Credits:** 3

**AFST 183: Internship in African Study**

Enables students to apply their knowledge of Africa by serving semester-long internships with public or private organizations and institutions focused on African affairs. 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**

Presents the interdisciplinarity of the African Studies field through an analysis of selected themes that helps 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

**AFST 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# ACAD - Academic Development

## **ACAD 007: College Study Skills**

Introduces students to study skills strategies that support their academic success. Topics include: time management, effective note taking techniques, preparing for examinations. This course is graded S/U and does not count toward degree course or credit hour requirements.

**Credits:** 1

### **Prerequisites/Permissions:**

None. Does not count toward course or credit hours required for degree completion.

# AFRO - Afro-American Studies

## **AFRO 005: Intro Afro-American Studies I**

Examines the multidimensional aspects of the African (Black) American experience in the U.S.A. The material describes the problems encountered and strategies employed by African (Black) Americans in the transition from slavery to their status in America. It is organized to focus on the social, cultural, economic, political, and legal forces encountered by African (Black) Americans as they attempted to elevate their standard of living and social status. Special emphasis will be placed on the African (Black) Americans' struggle for basic civil and human rights, freedom, self-respect and identity, equality, political power and acceptance into mainstream America, the great migration from the rural South to the Urban areas in the North and West, the fight for desegregation and employment opportunities and the establishment of social, religious, and economic organizations in the United States of 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

## **AFRO 006: Intro Afro-America Studies II**

Explores the issues and challenges related to the development of programs & departments in African American Studies and analyze key factors that shaped the Afro-American experience in America. Gain a comprehensive understanding of the historical, political, economic, social, and cultural influences that contributed to development of the African American community.

**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**

Engage in supervised research with a faculty supervisor, choosing a topic of interest. Develop critical thinking, problem-solving, and research skills while receiving expert guidance and mentorship. Build connections, gain valuable experience, and prepare for future academic and career endeavors.

**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**

Engage in supervised research with a faculty supervisor, choosing a topic of interest. Develop critical thinking, problem-solving, and research skills while receiving expert guidance and mentorship. Build connections, gain valuable experience, and prepare for future academic and career endeavors.

**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**

Engage in supervised research with a faculty supervisor, choosing a topic of interest. Develop critical thinking, problem-solving, and research skills while receiving expert guidance and mentorship. Build connections, gain valuable experience, and prepare for future academic and career endeavors.

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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. 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: COAS-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.

**Credits:** 3

**Prerequisites/Permissions:**

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 Kemet language conventionally known as Middle Egyptian (2280 BCE 1567 BCE). The course provides a unique and innovate examination of Kemet (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 Kemet language conventionally known as Middle Egyptian (2280 BCE 1567 BCE). The course provides a unique and innovate examination of advanced grammar and Kemet (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: Exp Learning / Alt 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**

Explore the cultural and social impact of hip hop through an African American Studies lens. Analyze the historical roots, artistic expressions, and socio-political messages within hip hop culture. Develop critical thinking, cultural literacy, and an appreciation for the transformative power of this influential art form.

**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/Permissions:**

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**

Analyze autobiographies and slave narratives to explore the political, social, economic, psychological, and cultural experiences of African Americans. Examine the historical and social context of the writers' contributions to American literature and intellectual traditions, shaping contemporary perspectives.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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**

Review key theories, approaches, and empirical studies in Afro-American Studies to prepare for the comprehensive examination. Receive comprehensive instruction and guidance from faculty, refine knowledge, and develop research and writing skills for academic and professional pursuits in 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

**AFRO 163: Black Experience in Caribbean**

An exploration of the role of imperialism, colonialism and enslavement in defining and determining the contemporary outlook of Africans in the Caribbean. Students will explore ideologies and movements that influenced the region

**Credits:** 3

**Prerequisites/Permissions:**

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 170: Directed Research**

Engage in supervised research with a faculty supervisor, choosing a topic of interest. Develop critical thinking, problem-solving, and research skills while receiving expert guidance and mentorship. Build connections, gain valuable experience, and prepare for future academic and career endeavors.

**Credits:** 3

**Prerequisites/Permissions:**

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**

Intern with selected external organizations in this required field work program. Gain hands-on experience in your concentration, apply acquired knowledge and skills, build professional connections, enhance your resume, and prepare for future career opportunities. Bridge the gap between academic learning and practical experience.

**Credits:** 6

**Prerequisites/Permissions:**

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**

Examine the diverse experiences of Africana women across history and contemporary contexts. Gain a comprehensive understanding of their contributions through engaging with various topics and critical analysis of historical narratives and contemporary issues. Broaden your knowledge of Africana women's experiences and their impact on 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. 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/Permissions:**

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/Permissions:**

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.

**Credits:** 3

**Prerequisites/Permissions:**

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 197: Blck 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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.

**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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

**AFRO 991: Co-op Afro-American Studies**

Immerse yourself in the Black community, fulfilling the "Black University" commitment, by engaging in community service and fieldwork. Develop skills, build connections, and contribute to the betterment of the community while growing personally and academically.

**Credits:** 12

## 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/Permissions:**

AHCC 110 registration

**AHCC 004: Intro to Allied Hlth Profess**

**Credits:** 1

**AHCC 006: Substance Abuse**

**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 202: Computer for AH**

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. Online

**Credits:** 3**Prerequisites/Permissions:**

Registration in the Divisions of Nursing and Allied Health Sciences.

**AHCC 203: Child Health Issues**

This 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 Health 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 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

# FRSM - Freshman Seminar

## **FRSM 001: Freshman Seminar**

Increase student persistence and success in college by providing students with the academic, personal, and life management tools needed to function effectively and complete their course of study. Topics vary by School or College.

**Credits:** 1

## **FRSM 002: Freshman Seminar II**

Increase student persistence and success in college by providing students with the academic, personal, and life management tools needed to function effectively and complete their course of study. Topics vary by School or College. Continuation of FRSM 001.

**Credits:** 1

# ANTH - Anthropology

## **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 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

# GREK - Greek

## **GREK 010: Elementray Greek I**

Fundamentals of the language and the reading of simple Attic prose, with supplementary reading on Greek civilization.

**Credits:** 3

### **Prerequisites/Permissions:**

None

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **GREK 011: Elementary Greek II**

Continuation of GREK 010, with increased emphasis on reading. Prerequisite: LATN 010.

**Credits:** 3

### **Prerequisites/Permissions:**

LGREK 010

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 012: Intermediate Greek III**

Review of the language and selected readings. Prereq: two or three units of secondary Greek or LATN 011.

**Credits:** 3

**Prerequisites/Permissions:**

GREK 011

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 013: Intermediate Greek IV**

Includes the reading of selections from major authors. Prereq: Three or four units of secondary Greek or LATN 012

**Credits:** 3

**Prerequisites/Permissions:**

GREK 012

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 132: Introduction to Greek Tragedy**

Analysis of one tragedy of Sophocles and one of Euripides with a consideration of the characteristics of Greek tragedy.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 133: Introduction to Homer**

Selections from the Iliad and/or Odyssey with a consideration of the characteristics of Greek Epic and an appraisal of Homer's influence on later literature.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 134: Introduction to Plato**

Selections from a platonic dialogue with a consideration of literary style and philosophical method.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 135: Introduction to Greek Lyric**

Selections from the Greek lyric poets from Mimnermus to Pindar.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 136: Directed Readings in Greek**

Analyzes advanced texts from integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 137: Special Topics in Greek**

A supervised course that studies a Greek text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 138: Special Topics in Greek Literature**

A supervised course that studies a Greek text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GREK 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## INTS - Interdisciplinary Studies

**IDSD 110: Women, Gender & Sexualities**

Focuses on four important aspects of the field from a global context: the study of gender as a pervasive social construct, 'nature vs. nurture' debates on gendered traits and differences, the intersection of gender with other social and cultural identities (race, class, age, ethnicity, sexuality, nationality), and an emphasis on activism meant to show what you can do with this emergent research and information.

**Credits:** 3

**IDSD 111: Black Feminist Theory**

Focuses on grounding students in the development of Black feminist scholarship and a deeper understanding of how theoretical constructs can and do sometimes reproduce gender hierarchies. The focus of the feminist theory class will be to examine how different disciplines adopt different theoretical approaches in explaining feminism and the connections between theory, and normative or empirical realities.

**Credits:** 100-3

**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

**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**

Explores how race/racialization, gender(s), sexual identities, class, politics, and power impact the everyday lives of Black queer persons from a transnational, black, predominantly women's perspective. Explores how racialized, gendered, and sexualized hierarchies manifest themselves in various country and cultural contexts, and how these hierarchies have historically and contemporarily shape the social, political, economic and even academic exclusion of Black queer women. Investigates how Black queer women in the Diaspora are resisting state and structural exclusion.

**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

**IDSD 140: Intro to Social Justice**

This is the gateway course to Howard's proposed Social Justice Studies certificate. It is, therefore, a prerequisite to enroll in other certificate courses.

**Credits:** 1

**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

**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

**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

**IDSD 142: Black Lives Matter**

Explores several philosophical questions that are intimately connected to the #BlackLivesMatter movement. What, for instance, does it mean for a life to matter? What is the point of political protest? Is racism a permanent phenomenon? If so, how should the #BlackLivesMatter movement adjust its activities? Given U.S. racism, are Black Americans obligated to obey the criminal law? What should Black Americans demand from the U.S. government?

**Credits:** 1

**IDSD 143: Critical Race Theory**

Explores the history and continued relevance of the Critical Race Theory movement. Beginning in the 1980s, critical race theorists have consistently challenged orthodox understandings of civil rights law, constitutional interpretation, racial categorizations, and liberalism. Thus, law students and lawyers who wish to think seriously about social change and racial justice should have a firm understanding of the dominant trends in the movement.

**Credits:** 1

**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

**IDSD 144: Democracy**

Democracy is an interesting phenomenon. Students will think philosophically about the concept of democracy and will tackle several important and related questions, including whether democracy the best form of government, whether American democracy is fair to Black Americans, whether it is rational to vote and whether democracy leads to moral or political truth.

**Credits:** 1

**IDSD 145: Black Political Prisoners in History**

Explore the criminal justice system through the lens of black political repression. The main objective of this course is to illustrate how the government has tried to silence and crush black activists and black activism since the Garvey era—especially those with the most radical critique of the state. Currently, there are dozens of political prisoners from the Black Panther era and more are being created by the BLM movement.

**Credits:** 1

**IDSD 146: History of the War on Drugs**

Focuses on the United States' response to the large-scale distribution and illicit use of narcotics. By the 1980s, Federal and state agencies lead a campaign to rid the nation of the scourge of drugs and crime. Politicians passed laws and used mass incarceration as a solution to punish drug dealers and substance abusers indiscriminately. Explores this multi-layered and complex issue and provides students with a practical understanding of race, crime, law, and popular culture.

**Credits:** 1

**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

**IDSD 147: Policing and Racial Justice**

Notwithstanding profound changes in the law, policy, and the organization of policing, two constants exist, especially in relation to black people, brutality and racial prejudice. Examines the idea of police culture and discretion, their evolution, and their positive and negative roles in advancing racial equity and examines some recent examples of abuse of police power and also an array of possible solutions for police misconduct.

**Credits:** 1

**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

**IDSD 148: Mass Incarceration and the Black Family**

1 in every 100 adults serves time in Federal and State prisons and the current growth of imprisonment has been concentrated among poor minorities and are part of a circular process where the inside and outside of correctional facilities have become increasingly connected. Examines the development of the American penal system and its often-competing goals of justice and punishment and focuses on the urban social, cultural, political, and economic contexts of incarceration

**Credits:** 1

**IDSD 149: Child. of Incarcerated Parents**

Empathy, Forgiveness and Resilience (1 credit) Offers a unique opportunity to explore issues of crime and justice from the context of a correctional facility. Through the readings and dialogue, incarcerated students will be able to integrate their theoretical knowledge with lived experiences and will critically analyze and challenge the effects of parental incarceration on minor and adult children

**Credits:** 1

**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

**IDSD 150: Black Freedom & Convict Slavery**

Challenges the idea that convict slavery for blacks began with the 13th Amendment and locates the history in the experience of the struggles of blacks for freedom and equality before and after the Civil War. It links the current era of mass incarceration not to emancipation, but to the United States' response to era of black equal rights resulting from the Civil Rights Movement.

**Credits:** 1

**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

**IDSD 151: Crime & justice Behind**

Brings together formerly incarcerated persons through weekly panel discussions that engage critical topics around contemporary criminal justice reform and engages students through dialogue around enduring questions that keep students engaged with the course content beyond each virtual session. Each session includes a panel to guide the discussion. In a debate style format, students break into small group rooms to triangulate information from required readings, directly impacted panel and personal insights.

**Credits:** 1

**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

**IDSD 152: Social Justice and the City**

Learn the basics of social justice inquiry. This will include the introduction to criminological theories, criminal justice policy, and critical race perspectives of criminal behaviors. Critical thinking and application of understandings will be at the forefront of the course.

**Credits:** 1

**IDSD 153: School to Prison Pipeline**

Understand the phenomenon of juvenile delinquency in the context of real communities and social policies, integrating the many social factors that shape juvenile delinquency and its control (including race, ethnicity, socioeconomic class, gender, and sexuality). Offers a thorough mix of traditional and cutting-edge theories, research, and practices and deal with many difficult questions on juvenile delinquency that they will face in their careers and lives.

**Credits:** 1

**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

**IDSD 154: Social Movement Theory**

Examines how various forms of collective behavior (e.g., fads, panics, riots, and social movements) emerge. Employ diverse fields of social science, including sociology (social movements, organizational behavior, social networks) in understanding their view of social movements and the role they play in bringing forth social change and equality, particularly in the U.S. 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

**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

**IDSD 155: A Hip Hop Convo on Race**

Hip-Hop music has long been at the forefront of modern protests and remains a vital element of the contemporary freedom struggle in general and is used to reflect on modern discussions of the criminal justice system that appear in essays, fiction, music, and poetry. Uses Hip-Hop music as a critical lens for interpreting the writings and to representing a range of ideas about race and criminal justice reform.

**Credits:** 1

**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

**IDSD 156: Human Rights in US Politics**

Examines the role of African Americans and their early efforts to shape international human rights discourses by using the new United Nations as the first system ever for the protection of international human rights. Sensing an opportunity to hold the US accountable for massive human rights violations, African American activists and their allies used the new UN system of human rights to pressure the US to address the treatment of African Americans and other minorities.

**Credits:** 1

**IDSD 158: Images, Power & Representation in Social Justice History**

Taught by an Historian and by an Art Historian, this course is grounded in demonstrating that media, art, and images have been a formidable vehicle to lobby for social change in four critical moments in Black American history.

**Credits:** 1

**IDSD 159: Black Feminism: Activism & Literature**

Explores the roots of contemporary Black Feminism in the late 70s and early 80s and its flowering into intersectional approaches to legal and criminal justice reform. Students will grapple with the unique tenets, challenges, and opportunities of radical Black feminism through both fictional and nonfictional texts. Students will engage in substantial, text-mediated dialogue and write weekly reflections, culminating in a careful articulation of how Black feminism can inform ongoing movements for criminal justice reform.

**Credits:** 1

**IDSD 160: Woke Poetry**

Examines black poets who used their art for social change starting with the Harlem Renaissance to the present. It examines the works of such poets as James Weldon Johnson, Claude McKay, Langston Hughes, Sonia Sanchez, Haki Madhubuti, Nikki Giovanni, Amiri Baraka, Nadine Marshall, and Amanda Gorman.

**Credits:** 1

**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

**IDSD 161: Rhetorics of Resistance**

Examine and consider how issues of social class position in the United States intersect with potentials for social justice. Includes the history of labor activism in the United States and connections to the Civil Rights movement that are often rendered invisible in educational systems, social media and the current global wealth gap. Readings focus on a variety of multimodal texts to interrogate the rhetorical and practical effectiveness of social justice advocacy for economic equality.

**Credits:** 1

**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



**IDSD 162: Art As Activism**

Examines how art has been used as a form of social justice activism and political protest by black artists. It examines the historical and social contexts that supported various black art from the 19th century to the present, including visual culture, sculptors, landscape painters, daguerreotypists, portraiture, photographers, and performance art. Includes an examination of artists such as Henry O. Tanner, Jacob Lawrence, Carolyn Lawrence, Dindga McCannon, Carrie Mae Weems, Faith Ringgold and Kara Walker.

**Credits:** 1

**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

**IDSD 163: Criminal Justice - Designing Equity**

Explore criminal justice through the built environment. Address crime prevention, restorative justice, and the design of urban transformations of African American communities through a social equity lens. Learn non-western or historically criminalized marginalized cultures and traditions, how the built environment, and its forms of power shape inequality and understandings of race and identity. Research the power of space, structures of inequality in community development, design, and crime prevention tactics through mixed media and the arts.

**Credits:** 1

**IDSD 164: "Criminals" & "Justice": Aeschylus' Peometheus Bound**

Athenian tragedy and comedy and their performative contexts often reflect the cultural, economic, and political concerns and conflicts within the Athenian polis and between Athens and other communities of the Greek-speaking world. Artists of the African Diaspora have frequently translated, adapted, and re-envisioned these works as vehicles to represent aspects of their cultures and similarly comment on the concerns and conflicts within their communities and between their communities and external forces.

**Credits:** 1

**IDSD 180: Global Climate Change**

Introduces students to the science of global climate change, including how the interactions among the various elements in the earth's ecosystem have affected past climates, are shaping today's climate, and will impact future climate. Over the last decade or so, the issue of global warming has become one of the world's most pressing environmental and social concerns.

**Credits:** 4

**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

**IDSD 181: Environmental Science of Sea Level Change**

Sea level changes represent one of the clearest and most damaging manifestations of anthropogenic climate change. Provides a broad overview of modern sea level change in the context of geological history, the processes that contribute to sea level change and its extreme geographic variability, its detrimental impacts, and the suite of strategies in place to adapt to encroaching oceans based on science and the principles of environmental justice.

**Credits:** 3

**IDSD 182: Environmental Racism & Activism**

Examine environmental problems, community responses, and policy debates regarding “environmental justice” issues. Explore societal experiences of environmental-health issues through the lens of race, class and gender and through research into the disparities of environmental quality and health, enforcement of regulations, access to resources to respond to urban and industrial problems, and broader political economy decisions. Investigates and analyzes philosophies, frameworks, and strategies underlying environmental justice movements and the struggles of various people of color.

**Credits:** 1

**IDSD 183: Weather & Climate**

Designed to give students an overview of weather and climate, it provides an introduction to the atmosphere and an overview of the energy exchange and radiation processes both inside and outside of the atmosphere. Examines air temperature, humidity concepts, clouds, their development, and precipitation processes and covers Earth's global circulation patterns, fronts and middle-latitude cyclones, and weather forecasting, before moving onto severe weather thunderstorms, tornadoes, and hurricanes and covers climate change, including global warming.

**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

**IDSD 184: Earth System Sciences Data Visualization & Analytics**

Engages students in depth in the spacial data visualization options and tactics for displaying the analytical outcomes of advanced earth systems sciences.

**Credits:** 3

**IDSD 186: Environmental Studies I (Cross listed with BIOL 801)**

Pursues a broad introduction to Environmental Studies. This course is cross-listed with BIOL 801.

**Credits:** 3

**IDSD 190: Independent Studies A**

Faculty supervise and guide individual student's directed readings, study and/or research in their areas of shared interests.◊

**Credits:** 1-6

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

**IDSD 190/191/192: Independent Studies A, B, C**

Faculty supervise and guide individual students directed readings, study and/or research in their areas of shared interests.

**Credits:** 3

**IDSD 191: Independent Studies B**

Faculty supervise and guide individual student's directed readings, study and/or research in their areas of shared interests.◊

**Credits:** 1-6

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **IDSD 192: Independent Studies C**

Faculty supervise and guide individual student's directed readings, study and/or research in their areas of shared interests.◇

**Credits:** 1-6

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

### **IDSD 401: Capstone Senior Project**

**Credits:** 3-6

### **INTS 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## **BIOL - Biology**

### **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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 4

**Prerequisites/Permissions:**

BIOL 101/102.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 4

**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/Permissions:**

BIOL 200.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**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 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/Permissions:**

BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 2-4

**Prerequisites/Permissions:**

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/Permissions:**

Prereq: BIOL 230 Ecology Lec/Lab or consent of the instructor

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 341: Animal Physiology**

Explore the muscles, nervous system, reproduction, and physiological regulation of animals using discussion and hands-on labs.

**Credits:** 4

**Prerequisites/Permissions:**

BIOL 101/102.

**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/Permissions:**

Prereq: BIOL 200 Genetics Lec/Lab

**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/Permissions:**

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:** 4

**Prerequisites/Permissions:**

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 406: Exper Parasitology**

Emphasizes modern approaches to parasitology, including molecular biology and immunology

**Credits:** 4

**Prerequisites/Permissions:**

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:** 4

**Prerequisites/Permissions:**

Prereq: BIOL 200 Genetics Lec/Lab

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills



**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:** 4

**Prerequisites/Permissions:**

Prereq - BIOL 200 Genetics Lec/Lab

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**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/Permissions:**

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:** 4

**Prerequisites/Permissions:**

BIOL 310 or BIOL 320.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**BIOL 416: Advanced Cytology Lec-Lab**

Analyzes ultrastructural cytology, with emphasis on current techniques in transmission and scanning electron microscopy and cytochemistry.

**Credits:** 4

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Prereq: CHEM 142 and BIOL 310 OR 320

**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/Permissions:**

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/Permissions:**

Prereq: CHEM 142 and BIOL 310 OR 320

**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/Permissions:**

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:** 4

**Prerequisites/Permissions:**

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:** 4

**Prerequisites/Permissions:**

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/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab and college algebra or the equivalent.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**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 they are involved in the regulation of physiological processes.

**Credits:** 4

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

Prereq: BIOL 200 Genetics Lec/Lab and (BIOL 320, 419, 430 or CSCI 100)

**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:** 4

**Prerequisites/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**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:** 4

**Prerequisites/Permissions:**

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:** 4

**Prerequisites/Permissions:**

Prereq BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**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/Permissions:**

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:** 4

**Prerequisites/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab

**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/Permissions:**

BIOL 200

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**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

**Prerequisites/Permissions:**

COAS Honors Students Only

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**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

**Prerequisites/Permissions:**

COAS Honors Students Only.

**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/Permissions:**

Senior Status

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 494: Senior Seminar**

Engages undergraduates with senior status in discussions of current topics in biology.

**Credits:** 1

**Prerequisites/Permissions:**

Senior Status

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**BIOL 500: Topics Cell & Molecular Biol**

Examines contemporary issues in molecular and cellular biology.

**Credits:** 1

**Prerequisites/Permissions:**

Junior / Senior Status

**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/Permissions:**

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/Permissions:**

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

**Prerequisites/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab and Frsh Wrtg courses

**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:** 4

**Prerequisites/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab and Frsh Wrtg courses

**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

**Prerequisites/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab and Frsh Wrtg courses

**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

**Prerequisites/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab and Frsh Wrtg courses

**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:** 4

**Prerequisites/Permissions:**

Prereq BIOL 200 Genetics Lec/Lab and Frsh Wrtg courses

**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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

**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

## LATN - Latin

**LATN 001: Elementary Latin I**

Introduces 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. Offered only in FALL semester.

**Credits:** 3

**Prerequisites/Permissions:**

None

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 002: Elementary Latin II**

Increases emphasis on reading while continuing what was started in Latin 001. Prerequisite: LATN 001.

**Credits:** 3

**Prerequisites/Permissions:**

LATN 001 or the equivalent in secondary Latin.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 003: Intermediate Latin III**

Reviews the language and selected readings in prose and poetry. Prerequisite: Two or three units of secondary Latin or LATN 002.

**Credits:** 3

**Prerequisites/Permissions:**

Two or three units of secondary Latin or LATN 002. Offered only in Fall semester.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 004: Intermediate Latin IV**

Includes the reading of selections from major authors, usually in poetry. Prereq: three or four units of secondary Latin or LATN 003.

**Credits:** 3

**Prerequisites/Permissions:**

three or four units of secondary Latin or LATN 003. Offered only in Spring semester

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 144: Catullus and Horace**

Introduces Roman lyric poetry with selections from Catullan lyrics and Odes/Epodes of Horace.

**Credits:** 3

**Prerequisites/Permissions:**

LATN 004

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 145: Lucretius and Cicero**

Introduces Roman philosophy with selections from the De Rerum Natura and Tusculan Disputations

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 152: Latin Prose Composition3**

Latin 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. The course is open to students who have successfully completed Latin 1-4 or the equivalent, is required for certification for Latin teaching in most public school systems.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 153: Special Topics in Latin Literature**

A supervised course of study on a Latin text or broader topic, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Prerequisites/Permissions:**

LATN 004

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression



**LATN 154: Special Topics in Latin Literature**

Focuses on a specific body of material with professor's supervision and guidance. Prerequisite: Instructor's permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 157: Directed Readings in Latin**

Directed Readings in Latin. 3 crs. A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 158: Directed Readings in Latin**

Directed Readings in Latin. 3 crs. A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 158.: Directed Readings in Latin**

Directed Readings in Latin. 3 crs. A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 159: Directed Readings in Latin**

Directed Readings in Latin. 3 crs. A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**LATN 160: Directed Readings in Latin**

Directed Readings in Latin. 3 crs. A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **LATN 160.: Directed Readings in Latin**

Directed Readings in Latin. 3 crs. A supervised course of study on a Latin text or texts, designed in coordination with an appropriate faculty advisor.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **LATN 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## **CHEM - Chemistry**

### **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 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/Permissions:**

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/Permissions:**

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 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 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 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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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 141: Organic Chemistry I (Lecture)**

Lecture course analyzing the chemistry of the compounds of carbon.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

CHEM 172 or consent of the instructor.

**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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

### **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

## **CLAS - Classics**

### **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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **CLAS 002: Elementary Latin II**

Continuation of 001, with increased emphasis on reading.

**Credits:** 3

**Prerequisites/Permissions:**

CLAS 001.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **CLAS 003: Intermediate Latin III -or- IV**

Review of the language and selected readings in prose and poetry.

**Credits:** 3

**Prerequisites/Permissions:**

Two or three units of secondary Latin or CLAS 002.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **CLAS 004: Intermediate Latin IV**

Includes the reading of selections from major authors, usually in poetry.

**Credits:** 3

**Prerequisites/Permissions:**

Three or four units of secondary Latin or CLAS 003.

### **CLAS 010: Elementary Greek I**

Fundamentals of the language and the reading of simple Attic prose, with supplementary reading on Greek civilization.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills



**CLAS 011: Elementary Greek II**

Continuation of CLAS 010, with increased emphasis on reading.

**Credits:** 3

**Prerequisites/Permissions:**

CLAS 010.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**CLAS 012: Intermediate Greek III**

Review of the language and selected readings.

**Credits:** 3

**Prerequisites/Permissions:**

two or three units of secondary Greek or CLAS 011.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**CLAS 013: Intermediate Greek IV**

Includes the reading of selections from major authors.

**Credits:** 3

**Prerequisites/Permissions:**

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.

**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.

**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

**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.

**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

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**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 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.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**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.

**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

**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.

**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

**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.

**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

**CLAS 083: Honors Humanities Sem II**

**Credits:** 3

**CLAS 085: Directed Read for Sophs Hhrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**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

**CLAS 089: Directed Read for Jrs Hhrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**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

**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

**CLAS 091: Hhrs 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

**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

**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

**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

**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.

**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

**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.

**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

**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

**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

**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 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

**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

**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

**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

**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

**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

**CLAS 112: Law & Pol in the Ancient World**

This course studies various topics related to law, politics, and rhetoric in the Ancient world.

**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

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**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.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**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 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

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**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 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

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**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

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**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 158: Directed Readings in Latin**

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**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

**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

**CLAS 701: Ancient Law & Rhetoric-Wrtg**

**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

**CLAS 704: Plato's Republic-Writing**

This course offers a detailed examination of Plato's Republic.

**Credits:** 3

**CLAS 706: Plato-WRTG****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**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**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**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**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions  
ELO #6: Leadership and Applied Learning**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**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**CLAS 720: Gr Drama Africana Recept. WRTG****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**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**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



### **CLAS 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## **ECON - Economics**

### **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

**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

### **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

**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 084: Sophomore Departmental 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/Permissions:**

Sophomore standing & Honors Program

**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 085: 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/Permissions:**

Sophomore standing & Honors Program

**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 089: Junior 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/Permissions:**

Junior standing & Honors Program

**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 093: Senior 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/Permissions:**

Senior standing & Honors Program

**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 095: Internship**

Opportunity for students to work closely with advisor on research opportunities

**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

**ECON 120: Foundations of Microeconomics**

Studies the price system in a market-oriented economy, with special emphasis on theories relating to the consumer and firm behavior, demand, market organization, production, cost, distribution, and economic welfare

**Credits:** 3

**Prerequisites/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 121: Advanced Microeconomics**

Examines rigorous and mathematical development of the fundamental concepts in microeconomics and game theory. Continue to develop a way of thinking that underlies all aspects of economic analysis entirely dependent on math skills and broadly applicable to many facets of life in business, politics as well as personal decision making.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 170 Minimum grade C

**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 122: Mathematics for Economists**

Reviews fundamental mathematical methods used in static and dynamic economic analysis, including matrix algebra, partial/total differentiation, nature of exponential and logarithmic functions, concavity and convexity, methods of static optimization (with constraints), integral calculus, linear and nonlinear differential/difference equations, phase diagrams, and stability analysis.

**Credits:** 3

**Prerequisites/Permissions:**

MATH 005 and MATH 006 or Higher with Minimum grade C

**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 123: Econometrics I**

Provides a fundamental analysis of econometric methods and applications. Goal is to empower students a theoretical and practical knowledge econometrics methods to conduct empirical research in economics and business.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 184 Minimum grade C

**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 124: Econometrics II**

Covers multiple regression theory and methods in cross-sectional econometrics and analysis of univariate and multivariate time series. This covers modeling of stationary and linear models as well as optimal forecasting methods. A strong background in the statistics/econometrics and familiarity with the matrix algebra is expected.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 123 Minimum grade C

**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 125: Experiential Learning**

Internship experaince in economics and public policy.

**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

**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

**Prerequisites/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 138: Seminar in Community Dev.**

Examines theories of leadership, community building, and activities of community development organizations that seek to address the needs of distressed low-income minority communities

**Credits:** 3

**Prerequisites/Permissions:**

Community Development Major or Minor

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**ECON 158: Health Economics**

Apply microeconomic analysis to health care. Topics include the determinants of health, health externalities, health insurance, the supply and demand health care, health quality and regulation, and also disparities in healthcare and delivery for poor and the minorities.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 160: Applied Econ Analysis**

Apply the tools of economic analysis in family and labor markets, including wage differentials, gender/race inequalities, occupations and earnings, labor force participation and economic mobility. Economic theories that explain human capital choices, discrimination, marriage, fertility and family decision making are also introduced.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 170: Intermediate Microeconomics**

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/Permissions:**

ECON 002 Minimum grade C

**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

**ECON 171: Intermediate Macroecon 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/Permissions:**

ECON 001 Minimum grade C

**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 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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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

**ECON 179: Economic Growth**

Explores the factors influencing economic growth, covering topics such as growth theories, development disparities, poverty, government policies, democracy's link to growth, and the impact of institutions, geography, and culture on long-term progress. Students will gain insights into global economies and understand how historical trends and determinants have shaped nations' prosperity.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 180: Statistics-Bus & Econ**

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

**Prerequisites/Permissions:**

Minimum grade C for MATH 005 or MATH 006 or higher

**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 181: Stat Prog Financial Lit**

Explores foundational data preparation and analysis needed to support research in economics, finance, and related fields such as policy analysis in business and government. Data management and descriptive analysis with the statistical programming using R.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 184 Minimum grade B

**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 183: Mathematical Economics**

Mathematical exposition of the basic theories of economic behavior.

**Credits:** 3

**Prerequisites/Permissions:**

MATH 005 and MATH 006 or Higher with Minimum grade C

**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 184: Intro 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/Permissions:**

ECON 180 Minimum grade C

**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 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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 188: The Econ of Blk Community Dev**

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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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

**ECON 189: Industrial Organization**

Examines the organization of American industry under various states of the market, including antitrust cases.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 170 Minimum grade C

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World  
ELO #4: Intellectual and Practical Skills

**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/Permissions:**

ECON 170 Minimum grade C

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

ECON 170 Minimum grade C

**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 192: Intern't'l Commercial Policy**

Examines the problems of free trade and protectionism and their changes through history.

**Credits:** 3

**Prerequisites/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 195: Money & 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/Permissions:**

ECON 171 Minimum grade C

**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 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/Permissions:**

ECON 171 Minimum grade C

**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 197: Econ Probs 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/Permissions:**

ECON 171 Minimum grade C

**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 199: Intro 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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 701: His Econ Thght-Wrtg**

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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 788: Econ of Black Comm Dev- WRTG**

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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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

**ECON 799: Intro to Urban Economics-WRTG**

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/Permissions:**

ECON 001 and ECON 002 Minimum grade C

**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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## ENGL - English

**ENGL 009: Tech Writing Pre-Professional**

Study written and oral communication in technical writing. Produce documents encountered within the workplace, especially in a global marketplace, including but not be limited to correspondence, memos, business reports, collaborative and individual proposals, formal emails, argumentative essays, job search strategies, visually appealing brochures, and portfolios. Hone communication skills essential to achieving success in the competitive work environment.

**Credits:** 3

**Prerequisites/Permissions:**

Successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies 3rd Writing Requirement of COAS

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning

### **ENGL 010: Tech Writing Pre-Law Students**

Study 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. Engage in the exercises and develop 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.

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: successful completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies 3rd Writing Requirement of COAS.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

### **ENGL 014: Intro to Humanities I**

Study key foundational texts in the Western classical tradition and devote critical attention to the seminal works in other fields. 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**

Explore a global record of writers, artists, musicians, poets, etc. who have influenced generations. Study texts from world's narrative traditions (from archaic Greece to modern America through those of Africa). Engage with the texts of the world's dramatic traditions (drama and ritual).

**Credits:** 3

#### **Prerequisites/Permissions:**

Students do not need to take ENGL 014 to be able to take this course

**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**

Engage with the major authors, genres, journals, themes, movements, and debates that have shaped the African American literary tradition. Examine the cultural experiences of African/African Americans who helped shape the growth of the United States from its earliest beginnings through the early 1940s. Study 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**

Explore representative texts from the African American literary tradition in a mostly historical/chronological order. Study 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, 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 #4: Intellectual and Practical Skills

**ENGL 056: Introduction to Caribbean Lit**

Explore literature produced by Caribbean writers both locally and across the Caribbean's diasporas and ideas that have shaped these writers' literary output. Engage in a critical exploration of Caribbean history, development, and political/cultural identity. Understand major socioeconomic and political forces that have shaped the region, including slavery, colonization, struggles for independence and migration, and examine ways in which these issues have affected Caribbean writers' literary imagination.

**Credits:** 3

**Prerequisites/Permissions:**

Also satisfies a requirement in the Caribbean Studies minor

**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 084: Honors for Sophomores I**

Engage in directed reading for sophomores in the COAS Honors Program to begin formulating ideas for the Honors Thesis. Undertake independent reading, research and writing in preparation for the completion of an Honors Thesis.

**Credits:** 1

**Prerequisites/Permissions:**

Restricted/reserved for English majors in the COAS Honors Program.

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**ENGL 088: Honors for Juniors**

Through seminar, workshop, and independent study formats, map a senior honors thesis project. Complete short weekly written assignments and engage in additional reading, discussion, and workshop activities in order to improve research and writing skills and to hone a senior thesis prospectus.

**Credits:** 1

**Prerequisites/Permissions:**

Restricted/reserved for English majors in the COAS Honors Program.

**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: Directed Honors for Seniors**

Provides guidance in completing the research for the Honors Thesis and working toward a first draft.

Comparable to Senior Thesis

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/reserved for English majors in the COAS Honors Program.

**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 104: Sophomore Sem I**

Study 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. Learn 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/reserved for English majors. Required for English majors and minors. Prerequisite: successful completion of First Year Writing Sequence (ENGW courses) with grade of C $\diamond$  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.

**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**

Acquire effective methods of writing literary analyses informed by current critical theory, including African American critical strategies and intellectual discourses. Demonstrate mastery of essential critical concepts, an ability to use critical theory to illuminate literary texts, and an ability to write with clarity and insight about literature.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/reserved for English majors. Required for English majors and minors. Prerequisite: ENGL 104 with grade of C $\diamond$  or higher. \*This course must be taken in residence, no transfer credit will be accepted for this course

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #5: Social Responsibility and Knowledge of Political Institutions

### **ENGL 110: Linguistics Foundation**

Learn the principles and methods of linguistic analysis. Apply this knowledge to the study of human language in general and English in particular, 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Required for English majors. Prerequisite: ENGL 104 with C $\diamond$  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: African American Literature Foundation**

Understand African American literary production and critical theory by examining representative African American literary discourses from the colonial period to the present, consider the contribution of the African American folk tradition to the creative process. Gain 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Required for English majors. Prerequisite: ENGL 104 withC 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**

Study 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. Learn to appreciate the continuities and discontinuities of the multi-cultural literary traditions in American writing and be able to write about it in a clear and informed way.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Required for English majors. Prerequisite: ENGL 104 withC 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 113: British Literature Foundation**

Explore the 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. Learn the texts, authors, and cultural interactions whose significance endures to the present as well as how to write effective, informed literary analyses.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Required for English majors. Prerequisite: ENGL 104 withC 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**

Engage in an advanced comprehensive examination of English grammar from traditional, structural, and generative perspectives. Learn 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 withC or higher or concurrent enrollment in ENGL 104. Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 117: Introduction to Creative Writing: Fiction / Poetry**

Examine the art and craft of fiction writing, explored from the perspective of both writer and reader. 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. Analyze fiction's architectural details including voice, imagery, character, plot, dialogue, narrative, metaphor, description, resolution, etc.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: Completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective, Satisfies a requirement for English Majors with Creative Writing concentration.

**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 117 / 118: Introduction to Creative Writing: Fiction / Poetry**

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/Permissions:**

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**

Produce poetry in various forms and engage in an intense environment with an emphasis on reading, writing, performance, and collaboration. Work on projects that may include of a mock anthology of other people's poetry and a portfolio of individual, original work. Engage with a rich body of work by contemporary poets. Read and respond to the texts through critical analysis or creative production. Perform original readings individually, as well as participate in a group project.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: Completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective, Satisfies a requirement for English Majors with Creative Writing concentration.

**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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: Completion of First Year Writing Sequence (ENGW courses) with grade of or higher. Satisfies an English Major/Minor elective, Satisfies a requirement for English Majors with Creative Writing concentration.

**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 127: Creative Writing Fiction / Poetry**

Learn the techniques required in the writing of fiction.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. 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.)

**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 127 / 128: Creative Writing Fiction / Poetry**

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/Permissions:**

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 Fiction / Poetry**

Learn the techniques required in writing poems in various subgenres.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/reserved for English Majors/Minors. Prerequisite: ENGL 118 (Intro to Creative Writing Poetry) with C or higher. Required for English Majors with Creative Writing concentration. Satisfies a requirement for English Majors with Creative Writing concentration, Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 129: The Art of the Essay**

Explore the theory and practice of expository writing by reading exemplary texts and practicing a variety of organizational strategies. Study different specified discourses (Ethnography, Political Rhetoric, Current Events, Cinema, Short Fiction, Poetry). Write engaging essays characterized by stylistic expressiveness and grammatical precision

**Credits:** 3

**Prerequisites/Permissions:**

Satisfies an English Major/Minor elective, satisfies 3rd Writing Requirement of COAS.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 130: Rhetoric, Theory and Practice**

Critically examine exemplary argumentative writing as well as classical and modern rhetorical theories to learn strategies for writing argumentative or persuasive essays, specifically including those requiring researched evidence. Deploy a variety of rhetorical strategies to write convincing essays characterized by stylistic finesse and thoughtful, well-researched development. ENGL 114 is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 with grade of C $\diamond$  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 140: Crosscult-Drama**

Explore a cross-cultural genre. Understand the essential features of drama both ancient and modern from a variety of cultures, which may include European, American, African, African American. Study the vocabulary necessary to analyze drama critically, understand the particular meaning drama creates through performance or imagined performance, and write about it effectively and insightfully.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 with grade of C $\diamond$  or higher. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**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 #6: Leadership and Applied Learning

**ENGL 141: Poetry Across Cultures**

Explore a cross-cultural genre. Study the choices of style and genre that offer specific creative and interpretative possibilities to the poet, from the ritual chants to the epic, from the African praise song to the sonnet. Understand 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 with grade of C $\diamond$  or higher. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression



**ENGL 142: Fiction Across Cultures**

Explore a cross-cultural genre. Study fiction of a wide variety of authors (e.g., Aesop, Charles Dickens, Ralph Ellison, Christina Garcia, Chinua Achebe, Toni Morrison) to arrive at an essential understanding of the genre and a selection of sub-genres (e.g., fable, short story, novel, novella). Understand narrative strategies, the conventions governing specific forms (e.g., gothic, science fiction, mystery, adventure, romance), as well as the vocabulary, to write about prose fiction in a critically illuminating way.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 with grade of C $\diamond$  or higher. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 201: Featured Author**

Engage in an advanced and intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts. Gain a complex understanding of the canon of one important writer and produce a sophisticated piece of researched literary analysis (15 pages minimum) that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, 112, or 113) relevant to the author is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 202: Featured Author**

Engage in an advanced and intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts. Gain a complex understanding of the canon of one important writer and produce a sophisticated piece of researched literary analysis (15 pages minimum) that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, 112, or 113) relevant to the author is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 203: Featured Author**

Engage in an advanced and intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts. Gain a complex understanding of the canon of one important writer and produce a sophisticated piece of researched literary analysis (15 pages minimum) that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, 112, or 113) relevant to the author is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 204: Featured Author**

Engage in an advanced and intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts. Gain a complex understanding of the canon of one important writer and produce a sophisticated piece of researched literary analysis (15 pages minimum) that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, 112, or 113) relevant to the author is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 205: Featured Author**

Engage in an advanced and intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts. Gain a complex understanding of the canon of one important writer and produce a sophisticated piece of researched literary analysis (15 pages minimum) that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, 112, or 113) relevant to the author is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 206: Featured Author**

Engage in an advanced and intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts. Gain a complex understanding of the canon of one important writer and produce a sophisticated piece of researched literary analysis (15 pages minimum) that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, 112, or 113) relevant to the author is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 207: Featured Author**

Engage in an advanced and intensive scholarly study of the texts of a single author (Douglass, Swift, Morrison, Shakespeare, among others) within their formal and cultural contexts. Gain a complex understanding of the canon of one important writer and produce a sophisticated piece of researched literary analysis (15 pages minimum) that takes into account the body of criticism on that writer. The Foundation course (ENGL 111, 112, or 113) relevant to the author is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**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: Major Author - 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/Permissions:**

Required for English majors and minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 210: Early African-Am Lit**

Engage in an advanced examination of African American literature from its earliest beginnings to the texts of the first decades of the twentieth century. ENGL 111 is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**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**

Engage in an advanced examination of 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the period/cross-cultural genre requirement for English majors, Satisfies an English Major/Minor elective.

**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**

Engage in an advanced study of African American literature from the Black Arts Movement of the late 1960s to contemporary writing. ENGL 111 is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies the period/cross-cultural genre requirement for English majors, Satisfies an English Major/Minor elective.

**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**

Engage in an advanced study of the development of African American drama. ENGL 111 is strongly recommended. Prerequisite:

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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**

Engage in an advanced analysis of the poetry and poetics of major African American writers. ENGL 111 is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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 215: African-American Fiction**

Analyzes the prose fiction genre as practiced by African American writers. ENGL 111 is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 217: African Literature**

Explore 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. Study the 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**ENGL 218: Ethnic American Literature**

Explore ethnic American literature, music and film, focusing on U.S. Latinx, Asian American and African American cultures.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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**

Study the literature of the Caribbean people, and its historical, cultural, and social contexts. to the literature of the Caribbean people, and its historical, cultural, and social contexts.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors or students in the Interdisciplinary Caribbean Studies Minor.

Prerequisite: ENGL 104 and 105 (with grade of C or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective, satisfies a requirement in the Interdisciplinary Caribbean Studies minor.

**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

**ENGL 226: Caribbean Author**

Engage in an advanced examination of the writings and cultural contexts of a single Caribbean author in depth.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors/Minors or students in the Interdisciplinary Caribbean Studies minor.

Satisfies the featured author requirement for English majors, satisfies an English Major/Minor elective, fulfills an elective for the Interdisciplinary Caribbean Studies minor.

**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 231: American Realism & Naturalism**

Examine 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 233: American Genre**

Explore a broad genre, like poetry or drama, or examine 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/reserved for English Majors/Minors. Prerequisite: ENGL 118 (Intro to Creative Writing Poetry) with C or higher. Required for English Majors with Creative Writing concentration. Satisfies a requirement for English Majors with Creative Writing concentration, Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills

**ENGL 234: American Genre**

Explore a broad genre, like poetry or drama, or examine 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/reserved for English Majors/Minors. Prerequisite: ENGL 118 (Intro to Creative Writing Poetry) with C $\diamond$  or higher. Required for English Majors with Creative Writing concentration. Satisfies a requirement for English Majors with Creative Writing concentration, Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills

**ENGL 235: American Genre**

Explore a broad genre, like poetry or drama, or examine 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/reserved for English Majors/Minors. Prerequisite: ENGL 118 (Intro to Creative Writing Poetry) with C $\diamond$  or higher. Required for English Majors with Creative Writing concentration. Satisfies a requirement for English Majors with Creative Writing concentration, Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills

**ENGL 242: Age of Rev Brit Lit 1660-1800**

Explore the changes in 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**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 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**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 245: Modern and Post Col Brit Lit**

Study 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.

**Credits:** 3

**Prerequisites/Permissions:**

or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies the period/cross-cultural genre course requirement for English majors, satisfies an English Major/Minor elective.

**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 Lit**

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/Permissions:**

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: Genres in British Lit**

Explore the historical development of broad genres, like drama or prose fiction, or specialized topics such as The Jacobean Revenge Play, The Post- Colonial Novel, Abolitionist Poetry, or Afro-British Playwrights. ENGL 113 is strongly recommended.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C♦ or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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**

Explore the history, theory, and practice of comparative literature, with attention to such topics as literary movements, genre formation, constructions of gender, interdisciplinary relations. Study major texts and develop abilities to do comparative analysis

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C♦ or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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**

Explore 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. ENGL 110 is strongly recommended.

Satisfies an English Major/Minor elective.

**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 262: Topics in Linguistics**

Explore 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. ENGL 110 is strongly recommended.

Satisfies an English Major/Minor elective.

**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**

Explore 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.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. ENGL 110 is strongly recommended.

Satisfies an English Major/Minor elective.

**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**

Explore a particular critical issue and/or approach, such as The Politics of the Canon, Post-Colonial Criticism, Narratology, African American Criticism, or examine in depth the theory, method, and applications of one or two major critics, such as Michel Foucault, Roland Barthes, Henry Louis Gates, or Barbara Christian.

**Credits:** 3

**Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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 272: Topics in Literary Criticism**

Explore a particular critical issue and/or approach, such as The Politics of the Canon, Post-Colonial Criticism, Narratology, African American Criticism, or examine in depth the theory, method, and applications of one or two major critics, such as Michel Foucault, Roland Barthes, Henry Louis Gates, or Barbara Christian.

**Credits:** 3

#### **Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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 273: Topics in Literary Criticism**

Explore a particular critical issue and/or approach, such as The Politics of the Canon, Post-Colonial Criticism, Narratology, African American Criticism, or examine in depth the theory, method, and applications of one or two major critics, such as Michel Foucault, Roland Barthes, Henry Louis Gates, or Barbara Christian.

**Credits:** 3

#### **Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C $\diamond$  or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**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 280: Topics in Lit and Writing**

Study special literary topics such as Women Writers,  $\diamond$ The Bible as Literature,  $\diamond$ The Blues and Literature,  $\diamond$  or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: 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).

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

### **ENGL 281: Topics in Lit and Writing**

Study special literary topics such as Women Writers,  $\diamond$ The Bible as Literature,  $\diamond$ The Blues and Literature,  $\diamond$  or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: 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).

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 282: Topics in Lit and Writing**

Study special literary topics such as Women Writers, ♦The Bible as Literature, ♦The Blues and Literature, ♦ or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

**Prerequisites/Permissions:**

Prerequisite: 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.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 283: Topics in Lit and Writing**

Study special literary topics such as Women Writers, ♦The Bible as Literature, ♦The Blues and Literature, ♦ or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

**Prerequisites/Permissions:**

Prerequisite: 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.

**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**

Study special literary topics such as Women Writers, ♦The Bible as Literature, ♦The Blues and Literature, ♦ or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

**Prerequisites/Permissions:**

Prerequisite: 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.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 285: Topics in Lit and Writing**

Study special literary topics such as Women Writers, ♦The Bible as Literature, ♦The Blues and Literature, ♦ or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: 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).

**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**

Explore literature, film, and other media that engage gender and sexuality from a Black and Diasporic perspective. Examine texts using an intersectional framework that incorporates Black Feminism, Black and Queer of Color Theory, literary criticism, and critical race theory. Study how gender and sexuality shape and transform cultural understandings of Blackness and how Blackness continues to shift our understanding of gender and sexual identity and expression.

**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 287: Topics in Lit and Writing**

Study special literary topics such as Women Writers, ♦The Bible as Literature, ♦The Blues and Literature, ♦ or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: 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).

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 288: Topics in Lit and Writing**

Study special literary topics such as Women Writers, ♦The Bible as Literature, ♦The Blues and Literature, ♦ or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: 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).

**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**

Study special literary topics such as Women Writers, ♦The Bible as Literature, ♦The Blues and Literature, ♦ or explore interdisciplinary studies linking music or art with literature, or engage in 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 include Ethnographic Writing, Advanced Argumentation, Persuasive Rhetoric, and so forth. Taught at an advanced level, these courses require extensive research.

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: 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).

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 290: Principles of Editing**

Edit writing produced by self or others by employing strategies from linguistics, rhetoric, and literature. Learn professional proofreading symbols. Identify ineffective strategies or styles and know how to correct them. ENGL 110 or ENGL 114 is strongly recommended. WID/WIC (Writing in the Disciplines/Writing Intensive Course)

**Credits:** 3

#### **Prerequisites/Permissions:**

Prerequisite: ENGL 104 and 105 (with grade of C ♦ or higher), or ENGL 104 with or higher with concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 291: Writing Critical Reviews**

Explore the critical review as a genre. Develop the skills necessary to write reviews of contemporary literary, film, or dramatic performances. Study critical writing and artistic appreciation and evaluation, including exemplary and theoretical readings. Attendance at performances may be required.

**Credits:** 3

#### **Prerequisites/Permissions:**

Restricted/Reserved for English Majors or Minors. Prerequisite: ENGL 104 and 105 (with grade of C ♦ or higher), or ENGL 104 with or higher WITH concurrent enrollment in ENGL 105. Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

### **ENGL 295: Creative Writing Workshop**

Further develop creative writing abilities in a workshop setting. Portfolio submission is required.

**Credits:** 3

#### **Prerequisites/Permissions:**

Required for English Majors with Creative Writing concentration. Prerequisite: Completion of ENGL 127 or 128 with or higher. Satisfies an English Major/Minor elective.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #4: Intellectual and Practical Skills

**ENGL 296: Senior Thesis**

Engage in independent research. Gain experience in writing a lengthy researched essay on a literary topic or creative work.

**Credits:** 3

**Prerequisites/Permissions:**

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.

**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**

Receive guidance and evaluation for working in internships. Reflect on work experiences in consultation with a faculty advisor and develop a professional plan for their future careers. Keep an active work log of at least 6 entries detailing work experiences and submit a final reflection essay that addresses the internship's significance to professional aspirations.

**Credits:** 3

**Prerequisites/Permissions:**

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 culmination of a student's Concentration in Creative Writing. 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).

**Credits:** 3

**Prerequisites/Permissions:**

Prerequisite: ENGL 295 and a portfolio of original creative work (25 pages). Required for English majors with the Creative Writing concentration.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**ENGL 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

**ENGW 103: Freshman Composition**

Intended to increase the student's ability to write effectively, to read critically, and to present ideas logically.

**Credits:** 3

### **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

## **HHPL - Health, Human Perform. & Leisure Studies**

### **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 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 011: Strength 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.

**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 020: Brazilian JiuJitsu**

Introduces the fundamentals of the Brazilian grappling art with an emphasis on self-defense.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**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 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 054: Fitness I - ROTC**

Provides the enrolled CADET: Air Force, Army, Navy, or Marines with the PT training for the cadet to successfully pass their specific military requirements.

**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 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 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/Permissions:**

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/Permissions:**

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. Permission needed for enrollment. See instructor.

**Credits:** 1

**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 person's condition and how to recognize and care for life-threatening emergencies with hands-on experiences to prepare for real-world scenarios.

**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 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 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 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**

Examines the historical development, current trends, best practices, and future trends in the field of sport management. Foundational principles will be explored within the framework of professional, collegiate, interscholastic, non-traditional, youth and community in sport in select subject areas: history of sport management curriculum, careers, marketing, ethics, finance, law, management, communications, facility design and management, and sociology.

**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**

Sports Marketing is a specialized marketing course that is designed to explore and prepare students to develop the skills necessary to address marketing issues specific to the sports industry. Students will examine the basic concepts of marketing in sport, marketing concepts, the marketing mix, basics of marketing, target marketing, sponsorship, rights fees, licensing and merchandising, consumer behavior, market segmentation, positioning, strategic planning, the sport product, endorsements, and the development of a comprehensive marketing plan.

**Credits:** 3

**HHPL 147: Sports & Media (Majors Only)**

Explore the rapid evolution of sport and media and its history, from local Television and radio to sport networks, cable, streaming, mobile access, direct tv and pay per view. Technology has changed how consumers watch sports. Examine the sport and media industry and learn about media organizations, rights fees, print media, the Black Press, the pro sports leagues, college, and amateur sports. Learn the fundamentals of sport public relations practitioners including writing media relations tools.

**Credits:** 3

**HHPL 148: Governance**

This course is an examination of managerial activities of sport organizations essential to governance and policy development, and the structure and function of organizations like those with which students will interact in the workplace. Current policy issues and the ethical questions that arise will also be addressed.

**Credits:** 3

**HHPL 149: Fac & Event Mgmt**

Sport facility management represents one of the fastest areas of growth in the sport industry. Students learn the principles and processes involved in effective sport facility and event management including building a facility, feasibility studies, financing a facility, types of facilities, producing events, day-to-day operations, concessions, design, planning, systems, risk management, marketing, and ownership. Examines the principles of facility operation and event management in the industry.

**Credits:** 3

**HHPL 150: Mgmt & Ldrshp Sport (Majors)**

This course helps students gain a deeper understanding of concepts of administrative power, leadership, team building, negotiation, communication, conflict management and other group dynamics concepts as they relate to the sporting enterprise.

**Credits:** 3

**HHPL 151: Sport Management Internship**

Sports Management majors must complete 400 hours of pre-approved by department and then be supervised at site related to any of the career opportunities within the Sports Management field. Portfolio must be submitted within one week after completion.

**Credits:** 6

**HHPL 152: Meth&Mat Hlth Ed**

This course is designed to prepare students to teach age-appropriate lessons on health topics to students in grades K-12. Specifically, the national health education standards, the health education curriculum and the different teaching methodologies and materials used in health education in the major content areas will be discussed and analyzed. Additional emphasis will be placed on performance indicators, learning assessment and evaluation.

**Credits:** 3

**HHPL 153: Human Sexuality**

Provide an understanding of human sexuality as a part of a healthy personality. Human sexuality is a natural part of life. Its concepts are learned and involve three dimensions: biological, psychological and sociocultural. Students learn about the interrelationship of these dimensions as they explore various topics including but not limited to: sexual communication, contraception, sexual response and arousal, sexually transmitted infections and diseases, sexual ethics, gender dimensions and sexual orientation.

**Credits:** 3

**HHPL 157: Health Prob of Child & Youth**

This course covers the health needs of children while at school and addresses the responsibility of the teacher, health educator, physician, nurse and administrator in ascertaining and providing the health services needed. Health problems that prevalent among children and youth will be covered in depth. Special attention will also be given to the Individuals with Disabilities Education Act (IDEA). Disabling conditions such as learning disabilities, intellectual disabilities, emotional disturbance and physical challenges that are covered in IDEA will be covered in depth.

**Credits:** 3

**HHPL 159: Health Science**

Explores healthier living through scientific knowledge of the six dimensions of health: physical, social, intellectual, emotional, environmental, and spiritual. Discuss topics ranging from health behavior change, stress, nutrition, weight management, diabetes, contraception, intimate relationships, HIV infection, drugs and infectious diseases.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 160: Women's Health**

Explore the contemporary topics: physical, historical, psychological, spiritual, and cultural aspects of women's health. Study menstruation, menopause, mental health, gender-based violence, sexually transmitted infections, reproductive tract infections, pregnancy and other health issues. Examine the perspectives of beneficial and detrimental lifestyles using current issues. Acquire the dimensions and strategies of health, levels of prevention, and leading causes of death for women. Assess the media and cultural norms that affect the health of women.

**Credits:** 1

**HHPL 162: Men's Health**

The course addresses the physical, mental, emotional, spiritual, and social dimensions of health as they impact males (and females).

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**HHPL 163: Foundation of Health Promotion**

Explore key theoretical concepts and principles in health promotion, and examine contemporary challenges in the practice of health promotion. Review health education theoretical concepts, effective strategies and core competencies. Critique major approaches to health promotion and apply knowledge gained from course to evaluate a health promotion program.

**Credits:** 3

**HHPL 165: Hlth of Wmn, Child & Families**

This course is designed to familiarize students with a wide array of health issues affecting women, children and families (WCFH). The course will follow a lecture format and examine issues affecting the health and wellness of women, children and families in the U.S. and globally. Students are expected to complete various assignments, including but not limited to classroom discussions and tests, which demonstrate their understanding of the material covered.

**Credits:** 3

**HHPL 167: MCH-Institute**

Learn the fundamentals of health education and promotion through maternal and child health (MCH) issues: access existing data related to MCH, determine needs for health education and promotion. Uncover group planning, implementing the plan and developing an evaluate plan for health education and promotion programs. Discover the budgeting financial resources for health education and promotion programs. Create, tailor and deliver a public health message using communication strategies, methods, and techniques for MCH population

**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. 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**

Explore and expand the hands-on experiences from Fieldwork A, B, C by working in a self-selected health related agency. Practical experiences are designed to develop proficiencies for students with selected health-related agency's day-to-day tasks, objectives, and competencies. Student must complete a minimum 360 hour requirement by the end of the semester. Pre-requisite Field Work A, B, and C.

**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 185: Fld Work A Hlth Ed Major**

Explore a hands-on experience of working in a self-directed health related agencies. Practical experience are designed to develop proficiencies for students with selected health-related agency's day-to-day tasks, health-related objectives, and expose students to competencies which define the role of the health education specialist. Each of the service-learning opportunities requires the student to complete a minimum 45-hour requirement by the end of the semester in which they are enrolled in Field Work A, B, or C course.

**Credits:** 1

**HHPL 186: Fld Wrk B-Hlth Ed Majors**

Explore a hands-on experience of working in a self-directed health related agencies. Practical experience are designed to develop proficiencies for students with selected health-related agency's day-to-day tasks, health-related objectives, and expose students to competencies which define the role of the health education specialist. Each of the service-learning opportunities requires the student to complete a minimum 45-hour requirement by the end of the semester in which they are enrolled in Field Work A, B, or C course.

**Credits:** 1

**HHPL 187: Fld Wrk C-Hlth Ed Mjrs**

Explore a hands-on experience of working in a self-directed health related agencies. Practical experience are designed to develop proficiencies for students with selected health-related agency's day-to-day tasks, health-related objectives, and expose students to competencies which define the role of the health education specialist. Each of the service-learning opportunities requires the student to complete a minimum 45-hour requirement by the end of the semester in which they are enrolled in Field Work A, B, or C course.

**Credits:** 1

**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**

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 195: Direct Rdgs Hnrs for Jrs**

Introduces students to a wide range of disciplinary research practices. Students learn how to pose and pursue a focused research question, identify, and evaluate multiple perspectives and approaches involved. Analyze pertinent evidence and write and speak clearly by participating in scholarly conversation. Students will undergo CITI Collaborative Institutional Training Initiative training to become a student researcher.

**Credits:** 3

**HHPL 206: Dr. Rdgs Sr. Health**

A supervised study on a Health topic chosen in conjunction with an appropriate faculty supervisor, Senior thesis presentation expected

**Credits:** 3

**HHPL 207: Dr. Rdgs Jr. Health**

A supervised study on a Health topic chosen in conjunction with an appropriate faculty supervisor.

**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 221: Budget & Fin-Leisure & Sport**

An extension of basic economic and finance as they apply to interscholarship, intercollegiate, amateur, and professional sports, including budgetary procedures and processes, the development and analysis of economic impact student, major sources of revenue and expense fundraising, budget development skills, and sound fiscal management practices.

**Credits:** 3

**HHPL 302: Esports Governance**

In this course students apply their knowledge of eSports management and relevant functional areas of business to plan and execute an eSports event. Using case studies and interaction with eSports practitioners, students identify and apply best practices for planning and executing an eSports event. Students are required to manage a Sports event prior to completion of the course.

**Credits:** 3

**HHPL 304: Intro to Esports Management**

Explores the esports industry and the effective management strategies applied in this field. Study the professional settings of Esports and examine the multifaceted areas of the discipline: Esports tournaments, marketing, communication, finance, coaching and law. Discuss best practices in management through case studies, exposure to industry professionals, practical experience and interactive learning assignments and opportunities and the role of professionals in the field.

**Credits:** 3

**HHPL 305: Esports Event Mgt. Planning**

**Credits:** 3

**HHPL 306: Directed Readings Soph**

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:** 3

**HHPL 717: Role of Sport in Society-WRTG**

This course is designed to produce knowledge about sports as social phenomena in a wide range of societies. The goal of this course is to systematically investigate the complex connections among sports, society, and cultures. This is a writing-intensive course organized around critical thinking which allows students the opportunity to investigate ideas and beliefs about sports in society.

**Credits:** 3

**HHPL 723: Intro to Research & Stat-Writ**

Course is designed to address scientific concepts and principles central to the study of Research Designed and Statistical Methodology. Students will learn about basic research methods for studying human behavior in developmental contexts. Major themes include goals of developmental research, fundamental research designs, types of measurement, elements of good scientific writing APA seventh (7th) edition and ethical issues in the study of human development.

**Credits:** 3

**HHPL 746: Eth & Soc Issues in Sprt-WRTG**

This course is designed to produce knowledge about sports as ethical principles in a wide range of societies. Students will systematically investigate the complex connections among sports and ethical issues. This is a writing-intensive course organized around critical thinking which allows students the opportunity to investigate ideas and beliefs about ethical issues in sport.

**Credits:** 3

**HHPL 755: Addictive Behavior-Writing**

This course is a writing intensive course that examines the historical, social and legal impact of alcohol and other drugs on society. Specific emphasis will be on the physiology of the nervous system, pharmacology of particular drugs and the relationship to behavior modification. Writing assignments will be designed to ensure that students read, listen and observe carefully, understand lessons, readings and experiences, enable the student and teacher to monitor learning and enable students to write clear, logical and coherent essays.

**Credits:** 3

**HHPL 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## HIST - History

**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 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 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 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 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 055: Intro to England**

Looks at the history of England

**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 060: Intro-East Asian Civ**

Looks at the history of East Asia

**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 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

**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 071: Afro-American Film**

Specialized approach to history through 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 #5: Social Responsibility and Knowledge of Political Institutions

**HIST 072: Topics:Africans in Latin Am**

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 077: Topics in Contemporary 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 078: Top: A-A & Indian Wmn Hist**

Explores Native American and African American womens 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 080: Topics: Slavery in Africa**

Looks at the institution of slavery in 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 081: Intro Historiography**

Introduces historical theory, methodology and practice.

**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 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

**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 085: Dir Rdg for Soph (Honors)**

Supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**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 088: Directed Readings for Jrs**

Intensive readings of material in the major fields of history.

**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 089: Directed Rdg for Jrs (Honors)**

Continuation of HIST 088.

**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 090: History Profession**

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**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 092: Senior Departmental Honors**

major research paper drawn from intensive readings on a specific problem or issue.

**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 093: Senior Departmental Honors**

Continuation of HIST 092

**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 094: Problems in History**

Examines challenges in historical interpretation

**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 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

**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 101: 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

**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 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 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

**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 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 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 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 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 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 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

**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 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**

Introduces the cultures and civilizations of the African people prior to the opening up of the New World and explores Black contributions to America up to 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 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 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 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 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 173: Comparative Slavery in America**

Compares various systems of enslavement worldwide.

**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 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

**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 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 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 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**

Analyses the origin and significance of Pan-Africanism in the United States, the Caribbean and Latin 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 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 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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# HNRS - Honors

## **HNRS 001: Honors Exploration of Research and Data**

Prepares students for the Honors research process and the expectation of the Honors curriculum and co-curricular program offerings. Explore the research methodology and data science processes. **This course is required for all incoming COAS Honors freshmen and new-incoming COAS Honors sophomores.**

**Credits:** 1

## **HNRS 020: The Tech Reparations and Responsibility: Algorithmic Data Bias and Ethics course for Honors Students (interdisciplinary course)**

Investigates the social responsibility of users and creators of technology and its impact on the Black world. Interpretation of fundamental questions of justice in relation to data and computing. Cultivation of learning experience through extra-curricular and extra-university activities in the arts and sciences, by visiting intellectual and social life. Analysis of contemporary case studies involving issues such as intellectual copyright, consent, data security, differences between privacy and confidentiality, difficulties of anonymization, and bias in AI

**Credits:** 3

## **HNRS 080: Honors Humanities Seminar**

Analyze and critique selected topics in the humanities. This course is intended to fulfill Gen Ed Humanities requirement for students.

**Credits:** 3

## **HNRS 081: Honors Humanities Seminar**

Analyze and critique selected topics in the humanities. This course is intended to fulfill Gen Ed Humanities requirement for students.

**Credits:** 3

## **HNRS 082: Honors Humanities Seminar**

Analyze and critique selected topics (team-taught or interdisciplinary) with a strong focus on the humanities. This course is intended to fulfill COAS Requirement for Innovative Learning: team-taught or interdisciplinary.

**Credits:** 3

## **HNRS 083: Honors Humanities Seminar**

Apply Experiential Learning to selected topics in the humanities. This course is intended to fulfill COAS Requirement for Experiential Learning.

**Credits:** 3

## **HNRS 084: Honors Natural Science Seminar**

Seminars on selected topics in the natural sciences. This course is intended to fulfill Gen Ed Humanities requirement for students.

**Credits:** 3

## **HNRS 085: Honors Natural Science Seminar**

Seminars on selected topics in the natural sciences. This course is intended to fulfill Gen Ed Humanities requirement for students.

**Credits:** 3

## **HNRS 086: Honors Natural Science Seminar**

Analyze and critique selected topics (team-taught or interdisciplinary) with a strong focus on natural sciences. This course is intended to fulfill COAS Requirement for Innovative Learning: team-taught or interdisciplinary.

**Credits:** 3

**HNRS 087: Honors Natural Science Seminar**

Apply Experiential Learning to selected topics in the Natural Sciences. This course is intended to fulfill COAS Requirement for Experiential Learning

**Credits:** 3

**HNRS 088: Honors Social Science Seminar**

Analyze and critique selected topics in the social sciences. This course is intended to fulfill Gen Ed Humanities requirement for students.

**Credits:** 3

**HNRS 089: Honors Social Science Seminar**

Analyze and critique selected topics in the social sciences. This course is intended to fulfill Gen Ed Humanities requirement for students.

**Credits:** 3

**HNRS 090: Honors Social Science Seminar**

Analyze and critique selected topics (team-taught or interdisciplinary) with a strong focus on social sciences. This course is intended to fulfill COAS Requirement for Innovative Learning: team-taught or interdisciplinary.

**Credits:** 3

**HNRS 091: Honors Social Science Seminar**

Apply Experiential Learning to selected topics in the Social Sciences. This course is intended to fulfill COAS Requirement for Experiential Learning.

**Credits:** 3

**HNRS 093: Honors Research Methods**

Emphasize and create all aspects of research, including design of experiments, analysis and presentation of data, proposal writing, and preparation of journal articles. Develops honors students for writing the Senior Thesis.

**Credits:** 3

**HNRS 700: Honors Writing Intensive**

Applies writing and analysis to one of the disciplines: Natural Sciences, Social Sciences or Humanities. Satisfies additional third writing requirement.

**Credits:** 3

**HNRS 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## MATH - Mathematics

**MATH 005 : College Algebra I**

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 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

**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 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/Permissions:**

Satisfactory score on 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 006: College Algebra I**

(College Algebra I is a pre-requisite for Math 020 and 021. MATH 020 and 021 are required for all students). See advisor if exempt.

**Credits:** 3

**Prerequisites/Permissions:**

Satisfactory score on 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 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/Permissions:**

"C" or better in MATH 005 or 006

**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 009: Intro to Statistics**

A first course in statistics, which includes descriptive and inferential statistics, data collection and organization, measures of central tendency, variation, and position, probability, normal distributions, and confidence intervals. This is an introductory course 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/Permissions:**

"C" or better in MATH 005 or 006

**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 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/Permissions:**

"C" or better in MATH 005 or 006

**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 011: Intro to Environmental Statist**

An introduction to statistics through environmental examples, includes descriptive and inferential statistics, data collection and organization, measures of central tendency, variation, and position, probability, normal distributions, and confidence

**Credits:** 4

**Prerequisites/Permissions:**

"C" or better in MATH 005 or 006

**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 Math**

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/Permissions:**

"C" or better in MATH 005 or 006

**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 014: Intro. to Data Science**

Fundamental coursework on the standards and practices for collecting, organizing, managing, exploring, and using data. Topics include preparation, analysis, and visualization of data and creating analysis tools for larger data sets using Python. Students will acquire a working knowledge of data science through hands-on projects and case studies in a variety of business, engineering, social sciences, or life sciences domains. Issues of ethics, leadership, and teamwork are highlighted.

**Credits:** 3

**Prerequisites/Permissions:**

none

**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 020: Fundamental Concepts of Mathematics for Education I**

Fundamental concepts of mathematics needed by elementary school teachers.

**Credits:** 3

**Prerequisites/Permissions:**

"C" or better in MATH 005 or 006

**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 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/Permissions:**

"C" or better in MATH 020

**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 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

**Prerequisites/Permissions:**

"C" or better in MATH 007 or MATH 010

**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: 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

**Prerequisites/Permissions:**

Consent of the 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 085: Sophomore Honors**

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

**Prerequisites/Permissions:**

Consent of the 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 088: Directed Readings Honors Jrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1-3

**Prerequisites/Permissions:**

Consent of the 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 089: Directed Reading Honors Jrs**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1-3

**Prerequisites/Permissions:**

Consent of the 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 092: Senior Departmental Honors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 1-3

**Prerequisites/Permissions:**

Consent of the 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 093: Senior Honors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 3

**Prerequisites/Permissions:**

Consent of the 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 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.

**Credits:** 1

**Prerequisites/Permissions:**

MATH 156, may also be taken concurrently

**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 102: Proof & Prob 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/Permissions:**

A "C" or better in MATH 101

**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 150: Modern Geometry**

Deductive reasoning through the study of selected topics from Euclidean and non-Euclidean geometrics.

**Credits:** 3

**Prerequisites/Permissions:**

A "C" or better in 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 156: Calculus I**

Limits, continuity, and the derivative and integral of functions of one variable, with applications.

**Credits:** 4

**Prerequisites/Permissions:**

A "C" or better in MATH 007

**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 157: Calculus II**

Continuation of 156, including more integration, sequences, series, Taylor's theorem, improper integrals, and L'Hospital's rule.

**Credits:** 4

**Prerequisites/Permissions:**

A "C" or better in MATH 156

**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 158: Calculus III**

Continuation of 157, including calculus of functions of several variables, with applications.

**Credits:** 4

**Prerequisites/Permissions:**

A "C" or better in 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 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/Permissions:**

A "C" or better in 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 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/Permissions:**

A "C" or better in MATH 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**

Offered on demand, seminars in various topics in mathematics.

**Credits:** 3-4

**Prerequisites/Permissions:**

Consent of the 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 162: Seminar**

Offered on demand, seminars in various topics in mathematics.

**Credits:** 3

**Prerequisites/Permissions:**

Consent of the 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 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/Permissions:**

A "C" or better in 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 165: Directed Readings**

Readings under a faculty member whose approval is required for admission to course.

**Credits:** 1-4

**Prerequisites/Permissions:**

Consent of the 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 166: Directed Readings**

Readings under a faculty member whose approval is required for admission to course.

**Credits:** 1-4

**Prerequisites/Permissions:**

Consent of the 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 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/Permissions:**

A "C" or better in 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 175: UG Research in Mathematics I**

Research projects

**Credits:** 3

**Prerequisites/Permissions:**

Consent of the 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 176: UG Research in Mathematics**

Research projects

**Credits:** 3

**Prerequisites/Permissions:**

Consent of the 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 180: Intro to Linear Algebra**

Vector Spaces, linear transformations, the Gram-Schmidt process, determinants, eigenvectors and eigenvalues, diagonalization and applications.

**Credits:** 3

**Prerequisites/Permissions:**

A "C" or better in 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/Permissions:**

A "C" or better in 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 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/Permissions:**

A "C" or better in MATH 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 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/Permissions:**

A "C" or better in MATH 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/Permissions:**

A "C" or better in MATH 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 189: Probability & Statistics I**

Samples spaces, random variables, distributions, expectation, independence, law of large numbers. Prerequisite: 158.

**Credits:** 3

**Prerequisites/Permissions:**

A "C" or better in MATH 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 190: Probability & Statistics II**

Continuation of 189. Includes estimation, order statistics, sufficient statistics, test of hypotheses, and analysis of variance.

**Credits:** 3

**Prerequisites/Permissions:**

A "C" or better in MATH 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 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/Permissions:**

Consent of the 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/Permissions:**

A "C" or better in MATH 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 195: Introduction to Analysis I**

Set theory, logic, real and complex numbers, introductory topology, and continuous function. Required for mathematics majors.

**Credits:** 3

**Prerequisites/Permissions:**

A "C" or better in MATH 101 or 103 and in 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 196: Introduction to Analysis II**

Sequences, series, limits, continuity, uniform continuity and convergence, differentiation and integration of functions of one variable.

**Credits:** 3

**Prerequisites/Permissions:**

A "C" or better in MATH 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/Permissions:**

A "C" or better in MATH 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/Permissions:**

A "C" or better in MATH 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/Permissions:**

A "C" or better in MATH 180 in 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 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

**MATH 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# AERO - Aerospace

## **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/Permissions:**

No

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

No

**AERO 190: Independent Study I**

**Credits:** 3

**AERO 191: Independent Study II**

**Credits:** 3

**AERO 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# MILI - Army

## **MILI 001: MS I Leadership Lab MSL101**

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

**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 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

**MILI 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## AMHR - Amharic

**AMHR 001: Amharic I**

Prepares student to gain 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

**Prerequisites/Permissions:**

AMHR 001

**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

**Prerequisites/Permissions:**

AMHR 002

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**AMHR 004: Amharic IV**

Increases reading of texts focusing on 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

**Prerequisites/Permissions:**

AMHR 003

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
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

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**AMHR 190: Amhaire Independent Study**

Provides students with an independent study/research under the guidance of a faculty advisor or the equivalent. Allows the students to advance their knowledge of a given aspect of the target language or culture. 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

**AMHR 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## PHIL - Philosophy

**PHIL 050: COAS-Critical Thinking Course**

Presents the basic principles and criteria of elementary logic with a focus on real-world applications.

**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 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 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 055/057: 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 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 084: Directed Readings for Sophomores**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**Prerequisites/Permissions:**

Enrollment in COAS Honors Program

**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: Directed Readings for Juniors**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 1

**Prerequisites/Permissions:**

Enrollment in COAS Honors Program

**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 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 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 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**

An interdisciplinary survey of topics and themes in bioethics, including reproductive rights, racial discrimination in medicine, and medical research ethics.

**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**

A survey of the primary arguments and themes presented in the Critical Race Theory movement. Explores the relationship between racism, power, and law.

**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 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.**

An exploration of Wittgenstein's thoughts on language, the human mind, and knowledge, and the nature of philosophy.

**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**

An exploration of philosophical questions arising from the Afro-Caribbean experience. Authors include Frantz Fanon and C.L.R. James.

**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 135: Afro Caribbean Philosophy**

An exploration of philosophical questions arising from the Afro-Caribbean experience. Authors include Frantz Fanon and C.L.R. James.

**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**

An exploration of the philosophical contributions of Ethiopian thinkers.

**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**

A exploration of epistemic issues surrounding the collection and classification of evidence in legal contexts.

**Credits:** 3

**Prerequisites/Permissions:**

PHIL 051: Principles of Reasoning

**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 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 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 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 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 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 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 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

**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 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 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

**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 189: 19th Century Philosophy**

Study of idealism and naturalism, with attention to Schopenhauer, Hegel, Nietzsche, Marx, Comte, and J. S. Mill.

**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 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 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 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

**Prerequisites/Permissions:**

Student must be a Philosophy major or Bioethics major

**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 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

**Prerequisites/Permissions:**

Student must be a Philosophy major or Bioethics major

**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**

Investigation of topics in the field of Bioethics, including reproductive rights, end of life decisions, and medical research ethics.

**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 710: Classical Ethics- WRTG**

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 712: Social & Political Phil (WRTG)**

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 770: Ancient Egyptian Phil (WRTG)**

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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## PHYS - Physics

**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/Permissions:**

algebra, trigonometry.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

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/Permissions:**

algebra, trigonometry.

**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 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/Permissions:**

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/Permissions:**

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/Permissions:**

PHYS 014 and MATH 156 and MATH 157.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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 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 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 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 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 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/Permissions:**

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/Permissions:**

PHYS 178 or Instructor's consent

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 132: Into to Nuclear and Particle Physics**

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/Permissions:**

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/Permissions:**

PHYS - 015, MATH - 157

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

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/Permissions:**

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 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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

PHYS 002 or PHYS 014, and MATH 156,-157 and -159.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

PHYS 002 or PHYS 014, and MATH 156, -157 and -159.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

PHYS 001 or PHYS 013, and MATH 156, -157 and -159

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

PHYS - 182

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

PHYS 183 and MATH 156, -157 and -159

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

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, Sturm-Liouville theory, orthogonal functions, and Fourier transform methods.

**Credits:** 3

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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, Sturm-Liouville theory, orthogonal functions, and Fourier transform methods. Prereq: PHYS 192

**Credits:** 3

**Prerequisites/Permissions:**

PHYS - 192

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 196: Senior Thesis**

Research problems for senior physics majors.

**Credits:** 1

**Prerequisites/Permissions:**

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 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/Permissions:**

PHYS 014, PHYS 015 or Instructor's consent

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PHYS 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## POLS - Political Science

**POLS 001: Intro 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/Permissions:**

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/Permissions:**

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**

Examines the development and rationale for the tradition of resistance in its varied forms.

**Credits:** 3

**POLS 032: International Law**

Examines the set of rules and norms generally recognized as binding between states

**Credits:** 3

**POLS 052: ST: Diplomacy: Theory & Prac.**

Examines the role of diplomacy in addressing and resolving global development and conflict.

**Credits:** 3

**POLS 081: IS: Political Science Research**

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 082: IS: Political Science Research**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 2

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 083: IS: Political Science Research**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor. (For Honors Program students.)

**Credits:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 084: Direct Read Hrs 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 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 Hrs for Freshman**

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: Direct Read Hrs 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 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 093: Direct Readings for Seniors**

Focuses on topics related to participation in the Honors Program.

**Credits:** 3

**POLS 100: Black Queer Politics**

Examines the political complexities of the Black queer movement for social justice and equality.

**Credits:** 3

**POLS 104: Human Rights in the Americas**

Examines the economic, political, and cultural violations in the Americas and the political challenges to alleviating injustices and inequalities.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 105: Political Geography**

Examines the spatially uneven outcomes of political processes that affect cities, towns, and states.

**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/Permissions:**

POLS 001.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 126: African Nationalism**

Examines the various personages and movements whose aim is the ultimate unification of African peoples and the development of a United States of Africa.

**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/Permissions:**

POLS 001 and POLS 003.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 129: Religion and Global Politics**

Survey of the impact of religion on how states interact in the global political arena

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 130: Disability and Representation**

Consideration of the extent to which the interests of disabled persons and populations are represented in American politics.

**Credits:** 3

**POLS 131: Pol., Soc. & the Armed Forces**

Analyses of the military as a political actor and the extent to which it shapes domestic and global political phenomena.

**Credits:** 3

**POLS 132: Lobbying & Glob.Corp Govt Rel.**

Examination of the kinds of lobbying

**Credits:** 3

**POLS 133: Campaign Data Analytics**

Analyses of data from polling and surveys to gauge public opinion.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 134: Spec.Top.: American Democracy**

Examination of the evolution of the democratic ideal and how it manifest and expands or contracts.

**Credits:** 3

**POLS 135: ST: Global Leadership Dev.**

Examines the role and efforts of global initiatives and leaders in advancing tolerance and peace.

**Credits:** 3

**POLS 136: ST:Women,Gender&Transnt'l Pers**

Examines the activism of women and the queer community

**Credits:** 3

**POLS 138: Sem: Community Develop**

Consideration of how especially urban community engage in development politics and policies.

**Credits:** 3

**POLS 139: Science of Public Policy**

Examines the policy making process and how the agenda-setting process unfolds.

**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/Permissions:**

POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 142: Judicial Process**

Analyses of the federal courts and the relations and powers of federal and state governments.

**Credits:** 3

**Prerequisites/Permissions:**

POLS 001 and POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

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/Permissions:**

POLS 001 and POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

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 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:** 3

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**POLS 153: Internship IV**

Students may only register for this course with the permission of the chair. Permission will be granted to students who are engage in unusual and uniques projects.

**Credits:** 6



**POLS 154: Gender, Law & Politics**

Examines the intersections of especially gender and law, with special attention to how legal processes impact women in society.

**Credits:** 3

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 156: Administrative Law**

Examines the ways in which government has expanded to facilitate serving greater numbers of people.

**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/Permissions:**

Junior standing

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

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/Permissions:**

POLS 001, 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

POLS 003 and 1POLS 28.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

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/Permissions:**

POLS 001 and POLS 003.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 173: Govt & Politics of the Mideast**

Study of the government structure of countries of the Middle East and Northern Africa.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

POLS 001.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 176: Govt & Pol in Tropical Africa**

Examines the political and governmental developments and problems in the states of Tropical Africa.

**Credits:** 3

**Prerequisites/Permissions:**

POLS 005.

**POLS 178: American Foreign Policy**

Survey of the objectives and the formulation of American foreign policy.

**Credits:** 3

**Prerequisites/Permissions:**

POLS 128.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

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/Permissions:**

POLS 010.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 182: Decolonizing Disability**

Consideration of the activism to free the notion of disability from being limited in political discourses.

**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/Permissions:**

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/Permissions:**

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/Permissions:**

POLS 142 or POLS 145.

**POLS 188: European Politics**

Study of the political processes and practices of European nations

**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 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/Permissions:**

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/Permissions:**

Junior, senior, or graduate standing.

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**POLS 199: Behavioral Research Methods**

The fundamentals of Research Design, data collection and analysis, elementary statistics and computer use.

**Credits:** 3

**Prerequisites/Permissions:**

POLS 002.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**POLS 701: Political Anal-Writing**

An intensive writing course to develop critical analytical skills.

**Credits:** 3

**POLS 772: Gov't & Politics of Far East**

Examines the developments in the Asian world and how they affect the global sociopolitical context.

**Credits:** 3

**POLS 773: Govt & Pol of Mid East**

Examines the conflicts, tensions, and alliances in the region

**Credits:** 3

**POLS 791: Modern Political Theory-WRTG**

An intensive writing course on theorizing about political phenomena.

**Credits:** 3

**POLS 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# PSYC - Psychology

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Foundations of Psyc Science, Reseach 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/Permissions:**

Prereq: 001, 002, 003, 004

**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/Permissions:**

Foundations of Psyc Science, Reseach 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. Psyc 001, 002.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**PSYC 024: Personality Psychology**

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).

**Credits:** 3

**Prerequisites/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

Foundations of Psyc Science, Research 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/Permissions:**

Foundations of Psyc Science, Research 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 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/Permissions:**

Foundations of Psyc Science, Research 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/Permissions:**

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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**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/Permissions:**

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-Introduction to Mindfulness**

This course provides an introduction to mindfulness practices, emphasizing the cultivation of awareness, presence, and emotional well-being. Students will explore the history and scientific research around mindfulness. The techniques they learn will help them to reduce the impacts of stress, enhance their overall mental clarity, build stronger relationships and advocate for the wellness of themselves and the community.

**Credits:** 1

**Prerequisites/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**PSYC 042: Independent Research Study**

Independent Research. Supervised and mentored research activities involving the development, excecution, or analysis of data from a research project. Prereq. 001, 002 and consent of instructor.

**Credits:** 3

**Prerequisites/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**PSYC 049: Introduction to Mindfulness**

New-This course provides an introduction to mindfulness practices, emphasizing the cultivation of awareness, presence, and emotional well-being. Students will explore the history and scientific research around mindfulness. The techniques they learn will help them to reduce the impacts of stress, enhance their overall mental clarity, build stronger relationships and advocate for the wellness of themselves and the community.

**Credits:** 1

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

**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 intendent 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 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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**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/Permissions:**

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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**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/Permissions:**

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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis

**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/Permissions:**

Foundations of Psyc Science, Reseach Design & Analysis, 4 Core Content Domain Courses

**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/Permissions:**

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/Permissions:**

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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

#### **Prerequisites/Permissions:**

Department Approval

## **SOCI - Sociology**

### **SOCI : Social Psychology Requirement**

[SOCI 166 Race, Class and Gender](#)

Or

[SOCI 020 Introduction to Social Psych](#)

**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 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 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 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 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 Hnrs 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 Hnrs 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 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/Permissions:**

SOCI 110.

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**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 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 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, Enrgy & 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 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 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 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/Permissions:**

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 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 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 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 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 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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# SPAN - Spanish

## **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 001: Spanish I or other World Language 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/Permissions:**

SPAN 001 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 002 - Cloned: Spanish II or other World Lang. 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/Permissions:**

SPAN 001 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 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

### **Prerequisites/Permissions:**

SPAN 002 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 004: Spanish IV**

Solidifies the development of the four language skills (speaking, listening, reading, writing). Uncludes study of different aspets Hispanic cultures. Prerequisite: SPAN 003 or LPE exemption.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 003 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 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

**Prerequisites/Permissions:**

SPAN 002 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 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

**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 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

**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 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/Permissions:**

SPAN 004 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 050: Oral Communication I**

Expands and strengthens speaking and listening comprehension skills in Spanish. Prerequisite: SPAN 004 or LPE exemption.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 004 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 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

**Prerequisites/Permissions:**

SPAN 040 and SPAN 050

**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/Permissions:**

SPAN 040 and SPAN 050

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #4: Intellectual and Practical Skills

**SPAN 055: Advanced Oral Communication**

Develops oral fluency in Spanish on a variety of cultural, social, and professional topics. Prerequisites: SPAN 040, SPAN 050, and SPAN 051.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and SPAN 051

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

PAN 040, SPAN 050, and 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**

Examines 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/Permissions:**

SPAN 040 and SPAN 050

**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 Interpretation I**

Introduces basic techniques of escort, consecutive, and particularly simultaneous interpretation. Prerequisites: SPAN 040 and SPAN 050.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 040 and SPAN 050

**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/Permissions:**

SPAN 040 and SPAN 050

**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 067: Introduction to Spanish-English Translation**

Introduces students to the profession of translation, developing their ability to translate from Spanish into English, expanding their vocabulary in Spanish. Prerequisites: SPAN 040 and SPAN 050.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 040 and SPAN 050

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SPAN 068: Advanced Spanish-English Translation**

Develops further students' ability to translate from Spanish into English, expanding their vocabulary in Spanish and focusing on idiomatic expressions. Prerequisites: SPAN 040, SPAN 050, and SPAN 067.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and SPAN 067

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SPAN 075: Contemporary 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

**Prerequisites/Permissions:**

SPAN 040 and SPAN 050

**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/Permissions:**

SPAN 040, SPAN 050, and SPAN 052

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SPAN 078: Business Spanish**

Prepares students to engage with the business world in Spanish. Prerequisites: SPAN 040 and SPAN 050.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 040 and SPAN 050

**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**

Examines 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

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and 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 #5: Social Responsibility and Knowledge of Political Institutions

**SPAN 080: Divers.and Unifica. in Spain**

Examines social, political, religious, and other topics in Spain from Prehistory to 1700. Prerequisites: SPAN 040, SPAN 050, and SPAN 052.

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and SPAN 052

**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/Permissions:**

SPAN 040, SPAN 050, and SPAN 052

**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/Permissions:**

SPAN 040, SPAN 050, and SPAN 052

**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: Contemporary 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

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and SPAN 052

**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/Permissions:**

SPAN 040, SPAN 050, and 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 #5: Social Responsibility and Knowledge of Political Institutions

**SPAN 086: Migrations and Identities**

Exposes students to cultural productions and films emergence 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

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and 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 #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

**Credits:** 3

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and SPAN 054

**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**

Examines a topic related to the Hispanic world under the supervision of a faculty member. Prerequisite: SPAN 040, SPAN 050, SPAN 052.

**Credits:** 1

**Prerequisites/Permissions:**

SPAN 040, SPAN 050

**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

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, and SPAN 055

**SPAN 095: Readings for Juniors**

Examines a topic related to the Hispanic world under the supervision of a faculty member. Prerequisite: SPAN 093 or SPAN 094.

**Credits:** 1

**Prerequisites/Permissions:**

SPAN 093 or SPAN 094

**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

**Prerequisites/Permissions:**

SPAN 093 or SPAN 094

**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

**Prerequisites/Permissions:**

SPAN 040, SPAN 050, SPAN 052 and other Spanish major/minor courses

**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

**Prerequisites/Permissions:**

PAN 040, SPAN 050, SPAN 052, and other Spanish major/minor courses.

**SPAN 100: Hispanic Lit in English**

Examines selected readings, in translation, of masterpieces of Spanish and Spanish-American literature.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SPAN 177: Intro to Spanish-English Translation**

Introduces the student to the profession of translation and interpretation and aims to develop the student's 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

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SPAN 187: Methods of Teaching Foreign Languages**

Introduces methods, materials, and techniques in foreign language instruction. Taught in English. Prerequisite: None.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

Change to Instructor's permission.

### **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 analyze it. Students are guided by a faculty mentor. Prerequisite: Instructor's permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **SPAN 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## ARAB - Arabic

### **ARAB 001: Arabic I**

Prepares the student to gain the basic language skills (speaking, listening, reading and writing). 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

### **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 Arabic 001. Students are prepared to handle real situations in foreign culture.

Prerequisite: ARAB 001

**Credits:** 3

**Prerequisites/Permissions:**

ARAB 001 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

### **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/Permissions:**

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, reading, 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/Permissions:**

ARAB 003 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

**ARAB 040: Grammar Review**

Prepares students to master major elements 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/Permissions:**

ARAB 004 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**ARAB 050: Oral Expression I**

Develops speaking and listening skills through a variety of instructional strategies. Enables students to have control of basic Arabic language and to express their ideas with fluency and accuracy. Prerequisite: ARAB 004

**Credits:** 3

**Prerequisites/Permissions:**

ARAB 004 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

**ARAB 051: Oral Expression II**

Prepares students for a thorough review and practice of major elements of the target language linguistic structures. Prerequisites: ARAB 040 and ARAB 050

**Credits:** 3

**Prerequisites/Permissions:**

ARAB 040 and ARAB 050

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Prerequisites/Permissions:**

ARAB 040 or ARAB 050 or equivalent

**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/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **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/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **ARAB 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## CHIN - Chinese

### **CHIN 001: Chinese I**

Prepares the students to gain 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: CHIN 001

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

CHIN 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/Permissions:**

CHIN 004 or instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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 permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**CHIN 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## FREN - French

**FREN 001: French I**

Prepares students to gain the basic language skills (comprehension, speaking, reading, and writing) with emphasis on proficiency. Prerequisite: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

FREN 001 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

FREN 002 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Prerequisites/Permissions:**

FREN 003 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**FREN 013: Interm French III & IV**

Strengthens oral and written proficiency with specific linguistic structures and vocabulary expansion.

**Credits:** 6

**Prerequisites/Permissions:**

FREN 012 or equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**FREN 015: Intro to Humanities II**

Explores the relationship between the self to the other, with all its attendant considerations, and concentrates on generic distinctions between comedy and tragedy in drama, autobiography, and fiction. Prerequisite: Level I Humanities course or permission of instructor.

**Credits:** 3

**Prerequisites/Permissions:**

Level I Humanities course or Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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/Permissions:**

FREN 040 or equivalent

**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

**Prerequisites/Permissions:**

FREN 050 or the equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**FREN 052: Language and Thoughts**

Focuses on the skills of reading and writing in French. Students develop communication skills.

**Credits:** 3

**Prerequisites/Permissions:**

FREN 004.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**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/Permissions:**

FREN 040 and FREN 052 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**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/Permissions:**

FREN 040, FREN 050 and FREN 052

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

ELO #2: Knowledge of Human Cultures and Creative Expression

**FREN 066: Simultaneous Interpretation II**

Focuses on more advanced techniques of simultaneous and consecutive interpretation.

**Credits:** 3

**Prerequisites/Permissions:**

Simultaneous Interpretation I or the equivalent.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

FREN 040 and FREN 052 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**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/Permissions:**

FREN 040 and FREN 052

**Essential Learning Outcomes:** ELO #5: Social Responsibility and Knowledge of Political Institutions

**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/Permissions:**

FREN 040 and FREN 052 or equivalent

**FREN 084: Survey Afro-French Civ & Lit**

Examines AFRO French writers contributions to civilization and culture.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

FREN 040 and FREN 052

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**FREN 090: Societe Cont Francaise**

Explores the evolution of French current multicultural and secular society. Prerequisite: FREN 040 and FREN 052.

**Credits:** 3

**Prerequisites/Permissions:**

FREN 040 and FREN 05 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #5: Social Responsibility and Knowledge of Political Institutions

**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 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 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 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

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**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 analyze it. Students are guided by a faculty mentor. Prerequisite: Instructor's permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

Permission of Instructor.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**FREN 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## GERM - German

**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/Permissions:**

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/Permissions:**

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/Permissions:**

GERM 003 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Prerequisites/Permissions:**

Humanities I

**GERM 040: Grammar Review**

Focuses on a thorough review of major elements of German language structures.

**Credits:** 3

**Prerequisites/Permissions:**

GERM 004 or equivalent

**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

**Prerequisites/Permissions:**

GERM 040

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Prerequisites/Permissions:**

GERM 050 or instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 052: Written Proficiency I**

Focuses on fluency, pronunciation and listening comprehension within a specific context of the target language

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 065: Simultaneous Interp I**

Introduces students to the basic techniques of escort, consecutive, and particularly simultaneous interpretation. Prerequisites: GERM 040 and GERM 050

**Credits:** 3

**Prerequisites/Permissions:**

GERM 040 and GERM 050

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 066: Simultaneous Interp. II**

Mastering more advanced techniques of simultaneous and consecutive interpretation. Prerequisite: GERM 065

**Credits:** 3

**Prerequisites/Permissions:**

GERM 065 or 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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 098: Senior Honors**

Focuses on higher-level course that covers advanced material pertaining to world events.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 110: Contemporary German Film**

Analyzes 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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 111: Classic Films in English**

Exposes students to 14 classic German and Soviet films, the historical eras they depict, and their importance to the history of film-making. Open to all students. No knowledge of German required.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

GERM 003.

**GERM 126: Oral Proficiency II**

**Credits:** 3-3

**Prerequisites/Permissions:**

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/Permissions:**

GERM 140.

**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

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**GERM 700: Individual & Society: Writing**

Exposes students to the cultural and theoretical entanglements between Germany and the Black Diaspora. Focuses on Black thought, voice, and writing and explores the impact of Black individuals from the diaspora in German-speaking lands and society. Prerequisite: Requires lower level writing courses.

**Credits:** 3

**Prerequisites/Permissions:**

Requires lower level writing courses.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression



### **GERM 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## **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

**Prerequisites/Permissions:**

HACR 001 or equivalent

**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/Permissions:**

HACR

**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

**Prerequisites/Permissions:**

HACR 003 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **HACR 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# JAPN - Japanese

## **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

**Prerequisites/Permissions:**

JAPN 001 or equivalent

**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 enable students to appreciate cultural nuances in the target language. Prerequisite: JAPN 002

**Credits:** 3

**Prerequisites/Permissions:**

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

**Prerequisites/Permissions:**

JAPN 003 or equivalent

**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/Permissions:**

JAPN 004 or equivalent

**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 040

**Credits:** 3

**Prerequisites/Permissions:**

JAPN 040 or equivalent

**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

**Prerequisites/Permissions:**

JAPN 040 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

ELO #4: Intellectual and Practical Skills

**JAPN 077: Advanced 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 analyze it. Students are guided by a faculty mentor.

Prerequisite: Instructor permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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 permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**JAPN 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## 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

**Prerequisites/Permissions:**

KORE 001 or equivalent

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**KORE 003: Korean III**

Enhances speaking, listening, reading, and writing skills 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/Permissions:**

KORE 002

**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

**Prerequisites/Permissions:**

KORE 003 or equivalent

**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 004 or Instructor's approval.

**Credits:** 3

**Prerequisites/Permissions:**

KORE 040 or Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**KORE 100: Korean Culture**

Introduces students to major aspects of the Korean culture including pop culture. No prerequisites.

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**KORE 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## 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/Permissions:**

PORT 001 or 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

**Prerequisites/Permissions:**

PORT 002 or equivalent

**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

**Prerequisites/Permissions:**

PORT 003 or equivalent

**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/Permissions:**

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 004

**Credits:** 3

**Prerequisites/Permissions:**

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. Prerequisite: PORT 004

**Credits:** 3

**Prerequisites/Permissions:**

PORT 004

**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/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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 COAS-Writing Intensive Course and requires prior writing courses.

**Credits:** 3

**Prerequisites/Permissions:**

Two writing courses

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 701: Urban Lit. in Brazil WRTG**

Explores the evolution of Brazil cultural structures and illustrate its influence on contemporary global political processes. Open to all students.

**Credits:** 3

**Prerequisites/Permissions:**

Two writing courses

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**PORT 702: Afro-Brazilian Writers**

Explores the works of African Brazilians contemporary writers and their relevance in the Brazilian Literary canon.

**Credits:** 3

**Prerequisites/Permissions:**

Two writing courses

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Prerequisites/Permissions:**

Two writing courses

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

### **PORT 705: The Afro-Brazilian Experience Through Media**

Using multimedia content, this course introduces students to the political issues, history and cultural traditions of Afro-Brazilians. During this writing intensive COAS Honors course, students will develop a stronger sense of an academic voice through our classroom discourse community focused on Afro-Brazilian cultural productions like film, TV, music, and images.

**Credits:** 3

**Prerequisites/Permissions:**

Two writing courses

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

## **RUSS - Russian**

### **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/Permissions:**

RUSS 001 or Instructor's 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

### **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/Permissions:**

RUSS 002 or Instructor's 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

### **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/Permissions:**

RUSS 003 or Instructor's 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

**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.

**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.

**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 084: Directed Readings for Sophs**

Analyzes advanced texts from Russian integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester. 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 085: Directed Readings for Sophs**

Analyzes advanced texts from Russian integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester. 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. Honors course.

**Credits:** 1

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills  
ELO #6: Leadership and Applied Learning

**RUSS 089: Directed Readings for Jrs**

Analyzes advanced texts from Russian integrating linguistic, literary, and historical contexts. Topics will vary from semester to semester. 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 100: Russian Great Short Stories**

Analyzes and interprets a variety of texts from across Russian, East European, and Eurasian literary history. In English translation. 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.

**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**

Examines the categorization and manifestations of love and hate across literary and cultural artifacts of Russian, Eastern Europe, and Eurasia. No knowledge of Russian is 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 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

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**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. 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 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/Permissions:**

RUSS 004 or Instructor's 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

**RUSS 126: Advanced 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

**Prerequisites/Permissions:**

RUSS 125 or Instructor's 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

**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's permission.

**Credits:** 3

**Prerequisites/Permissions:**

RUSS 125 and 126, or Instructor's 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

**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. 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. 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 students how to compare the interaction among literary, political, and cultural revolutionary movements, and their manifestations as continuing historical revolutionary traditions. No prerequisite. In English translation. Open to all students.

**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

### **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 analyze it. Students are guided by a faculty mentor. Prerequisite: Instructor permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**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 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## **SWAH - Swahili**

### **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 #1: Knowledge of U.S. and Global African Diasporic Developments  
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

**Prerequisites/Permissions:**

SWAH 001

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
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/Permissions:**

SWAH 002

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
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

**Prerequisites/Permissions:**

SWAH 003

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 040: Intensive Grammar Review**

Focuses on a thorough review of major structure elements of Swahili grammar. Prerequisite: SWAH 004

**Credits:** 3

**Prerequisites/Permissions:**

SWAH 040

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 042: Swahili Flagship**

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:** 5-6

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**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/Permissions:**

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

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 052: Reading/Wrtg Wkshop**

Focuses on the development of specific skills of reading and writing in Swahili.

**Credits:** 3

**Prerequisites/Permissions:**

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

**Prerequisites/Permissions:**

SWAH 040

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 100: Contemp. Swahili Lit in Transl**

Explores contemporary Swahili literature in translation. Enables 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/Permissions:**

Instructor's permission

**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/Permissions:**

Permission of Instructor.

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**SWAH 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## 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

**Prerequisites/Permissions:**

WOLO 001

**WOLO 003: Wolof III**

Enhances speaking, listening, reading, and writing in Wolof. Cultural activities are included.

**Credits:** 3

**Prerequisites/Permissions:**

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

**Prerequisites/Permissions:**

WOLO 003

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**WOLO 040: Intensive Grammar Review**

Focuses on the review and practice of major structural elements of Wolof language.

**Credits:** 3

**WOLO 050: Oral Proficiency I**

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

**Prerequisites/Permissions:**

WOLOF 040 or Instructor's permission

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**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

**Prerequisites/Permissions:**

Instructor's permission

**WOLO 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## ENGW - English Writing

**ENGW 101: Rhetoric, Inquiry, and Critical Writing**

The first semester writing course requirement for First-Year Writing. Study rhetoric as a critical approach to writing, in addition to specific principles and conventions of expository writing. Engage in critical thinking, explore ideas, and learn organization, grammatical correctness, and discuss contemporary issues through writing. (Upon completion of this course, register for ENGW 103).

**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 103: Persuasive Writing and Research**

The second course of the two-semester required writing course requirement for First-Year Writing. Build on the study of rhetoric begun in ENGW 101 or 102. Study argumentation and persuasive writing techniques, in addition to the conventions of academic research. Examine counterarguments, explore primary and secondary sources, and learn academic style conventions. Engage in discussion of contemporary issues through class discussion and their writing.

**Credits:** 3

**Prerequisites/Permissions:**

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.

**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

### **ENGW 104: Writing, Literacy, and Discourse**

The first course of the required two-semester First-Year Writing with an emphasis on Writing Studies. Explore Writing Studies, a field that focuses on the production, circulation, and values of academic and other forms of writing. Examine theories about writing and gain a deep understanding of the writing process and certain forms of professional writing. Engage in discussion of contemporary issues and to develop a digital portfolio as a capstone project for the course.

**Credits:** 3

**Prerequisites/Permissions:**

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.

**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

### **ENGW 105: Reflective Writing and Portfolios**

This second course of the required two-semester First-Year Writing. Build on the study of writing begun in ENGW 104. Study the habits of mind employed by seasoned writers of all professions. Explore the conventions of academic research and engage in the self-examination and the exploration of professional writing conventions as well as the philosophy of writing. Discuss contemporary issues in class and to develop a digital portfolio as a capstone project for the course.

**Credits:** 3

**Prerequisites/Permissions:**

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.

**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

# ESOL - English as a Second Language

## **ESOL 001: English as a 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

### **Prerequisites/Permissions:**

Departmental approval

## **ESOL 003: Adv English as a 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

### **Prerequisites/Permissions:**

Departmental approval

## **ESOL 004: English as a Second Language II**

Improves English language skills acquired in level 1. Sharpens techniques for better pronunciation.

Prerequisites: Departmental approval

**Credits:** 3

### **Prerequisites/Permissions:**

Departmental approval

## **ESOL 005: English as a Second Language III**

Strengthens and solidifies English oral skills acquired in lower level while expanding vocabulary and written proficiency. Prerequisites: Departmental approval

**Credits:** 3

### **Prerequisites/Permissions:**

Departmental approval

## **ESOL 006: English as a 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

### **Prerequisites/Permissions:**

ESOL 5

## **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

### **Prerequisites/Permissions:**

Departmental approval



**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

**Prerequisites/Permissions:**

Departmental approval

**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

**Prerequisites/Permissions:**

Departmental approval

## HUMA - Humanities

**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**

Explore 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. Study 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**

Study representative works by and about women from historical, social, and literary perspectives. Understand 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 #2: Knowledge of Human Cultures and Creative Expression

ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

**HUMA 111: Classic Films in English**

Study 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

# SMLI - Somali

## **SML 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

### **Prerequisites/Permissions:**

Department Approval

## **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

### **Prerequisites/Permissions:**

SMLI 001 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

## **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

### **Prerequisites/Permissions:**

SMLI 002 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

## **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

### **Prerequisites/Permissions:**

SMLI 003 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

# YORU - Yoruba

## **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

**Prerequisites/Permissions:**

YORU 001

**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 enable students to function both culturally and linguistically. Credits: 3 Prerequisites: YORU 002 or equivalent.

**Credits:** 3

**Prerequisites/Permissions:**

YORU 002

**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

**Prerequisites/Permissions:**

YORU 003

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**YORU 014: Intro. to Humanities I**

Enhances understanding of great and enduring themes of humanistic inquiry. literary and philosophical works of major historical significance are explored. Prerequisites: None

**Credits:** 3

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**YORU 015: Intro to Humanities II**

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 Instructor's permission.

**Credits:** 3

**Prerequisites/Permissions:**

Humanities I or Instructor's permission.

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

**YORU 190: Independent Study**

Focuses on research of a specific topic under a professor's guidance

**Credits:** 3

**YORU 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

# 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

**Prerequisites/Permissions:**

ZULU 001

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
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

**Prerequisites/Permissions:**

ZULU 002 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

## **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

**Prerequisites/Permissions:**

ZULU 003

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

## **ZULU 013: Intern 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

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression

## **ZULU 040: Intensive Grammar Review**

Focuses on a thorough review and practice of major structural elements of Zulu language. Prerequisite: Zulu 004

**Credits:** 3

**Prerequisites/Permissions:**

ZULU 004

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**ZULU 190: Independent Study**

Focuses on a specific body of material with professor's supervision and guidance. Prerequisite: Instructor's permission.

**Credits:** 3

**Prerequisites/Permissions:**

Instructor's permission

**Essential Learning Outcomes:** ELO #2: Knowledge of Human Cultures and Creative Expression

**ZULU 890: Study Abroad**

Study Abroad. Experiences vary by department, topic, semester, and locale.

**Credits:** 3-12

**Prerequisites/Permissions:**

Department Approval

## 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:** 1

**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/Permissions:**

Co-requisite: MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 200: Intro to Media Production**

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/Permissions:**

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, WHUTSpotlight, TruthBeTold.news, NewsOasis.org and GlassHouseRadio.net.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MJFC 200 Intro to Media Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 212: INTRO TO DIGITAL AUDIO WORKSTATIONS**

New - 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 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/Permissions:**

MJFC 342 Advanced TV Production OR MJFC 343 Cinematography and Senior Standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

none

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

MJFC 201 Multimedia Storytelling

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 305: Co-Curricular: Truth be Told**

**Credits:** 1

**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/Permissions:**

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 nation's 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 315: ST: The 1619 Project**

Special Topics course. Focuses on the historical impact of the 1619 Project.

**Credits:** 3

**Prerequisites/Permissions:**

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 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/Permissions:**

Prereqs: MJFC 313 Public Affairs Reporting.

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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: Contemporary 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/Permissions:**

MJFC 212 Intro to DAWs and MJFC 211 Podcasting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

### **MJFC 334: MICROPHONE TECHNIQUES AND ACOUSTICS**

New - 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/Permissions:**

Prerequisites: MJFC 200 Introduction to Media Production.

### **MJFC 336: MJFC 336 - DAW EDITING AND MIXING**

New - 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/Permissions:**

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/Permissions:**

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 343: Cinematography I**

This intense introduction to cinematography touches upon the basics of all facets of filmmaking such exposure, optics, framing, coverage, lighting, color, etc. Learn to break down a film to its essential visual components. Learn the various functions of the cinematographer's on-set role, positions and responsibilities. Master the basic technology and instrumentation of cinematography.

**Credits:** 3

**Prerequisites/Permissions:**

MJFC 223 Film & TV Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 347: Producing for Film & TV**

Introduction to the nuts and bolts of physical production, line producing, budgeting, scheduling, and a producer's 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 producer's job. Prerequisite: MJFC 223 Film and TV Production

**Credits:** 3

**Prerequisites/Permissions:**

MJFC 223 Film & TV Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 349: Directing for Film & Television**

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/Permissions:**

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 other's work.

**Credits:** 3

**Prerequisites/Permissions:**

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-scene, 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/Permissions:**

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/Permissions:**

MJFC 316 Enterprise Reporting in Diverse Communities or permission of the instructor.

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

MJFC 330 Multimedia Audio Production, Senior standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 412: IMMERSIVE SOUND DESIGN & MIXING**

New - 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/Permissions:**

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**

New - 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Prerequisite: MJFC 340 Scriptwriting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 424: THESIS: DEVELOPMENT AND PREPRODUCTION**

New - 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/Permissions:**

MJFC 349 Directing for Film & TV. Co-requisite: MJFC 347 Producing for TV and Film

**MJFC 425: THESIS: DEVELOPMENT AND PREPRODUCTION**

New - 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/Permissions:**

MJFC 349 Directing for Film & TV. Co-requisite: MJFC 347 Producing for TV and Film

**MJFC 427: AFRICAN AMERICANS IN FILM & TV**

New - 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/Permissions:**

MJFC 200 Intro to Media Production and Sophomore Standing

**MJFC 428: CREATIVE WRITING NON-FICTION**

New - 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/Permissions:**

MJFC 340 Scriptwriting

**MJFC 429: ADVANCED CINEMATOGRAPHY: LIGHTING FUNDAMENTALS**

New - 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/Permissions:**

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 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 438: Film & TV Practicum**

Facilitates the student's 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 interships (60 hours) must be pre-approved by instructor.

**Credits:** 1

**Prerequisites/Permissions:**

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 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 producer's break down of a script, the logistics of hiring people, securing locations, and equipment. We will also investigate the producer's process from finding a property, through getting it green-lit, to the marketing and distribution aspects of the producer's job.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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 program's 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MJFC 342 Advanced TV Production OR MJFC 343 Cinematography and Senior Standing

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

MJFC 313 Public Affairs Reporting.

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

Senior standing, MJFC 330 Media Audio Production and MJFC 340 Scriptwriting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

Prerequisite: MJFC 223 Film & TV Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**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/Permissions:**

MJFC 424/425 Thesis: Development and Production

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**MJFC 469: UG Film/TV Thes Scrwrtg FeF**

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:** 2-3

**Prerequisites/Permissions:**

Prerequisite: MJFC 349 Directing for Film and TV, MJFC 423 Advanced Screenwriting

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

## SLMC - Strategic, Legal & Management Communication

**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 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/Permissions:**

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/Permissions:**

MJFC 100, SLMC 210

**SLMC 222: Foundations of Communication Design**

New - An important part of strategic communication is the use of eye-catching imagery that is developed on sound design principles. This course will introduce students to those visual languages in images and design. Students will learn to look critically at visual information and determine ethical use of images and design. Students will use the basics of graphic design to create visuals that align, support, and enhance strategic communication plans and PR campaigns.

**Credits:** 3

**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/Permissions:**

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: COAS-Special Topics**

Special topic courses are offered on a semester-by-semester basis based on faculty expertise.

**Credits:** 3

**SLMC 310: Foundations of Communication Design**

New

**Credits:** 3

**Prerequisites/Permissions:**

SLMC 210

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

SLMC 210, Junior Status

**SLMC 325: 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 328: Directed Study**

A supervised study on a topic chosen in conjunction with an appropriate faculty supervisor.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

; 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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 1

**Prerequisites/Permissions:**

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/Permissions:**

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 405: Practicum / Internship: Organization 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/Permissions:**

SLMC 321 or SLMC 343, and prior approval of internship before beginning of internship.

**SLMC 407: COAS-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/Permissions:**

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/Permissions:**

MJFC 101 or SLMC 202

**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/Permissions:**

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/Permissions:**

SLMC 490

## SCOM - School of Communications

**SCOM 100: Orientation**

**Credits:** 1

**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 Comm.**

This course provides a foundation for ethical decision making in human communication including mass media.

**Credits:** 3

**SCOM 200: Field Experience**

**Credits:** 1

**SCOM 220: CERRC**

Students will be provided media and communications entrepreneurial training

**Credits:** 1

# ARCH - Architecture

## **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/Permissions:**

None

**Essential Learning Outcomes:** ELO #7: Comprehensive Wellness Practices

## **ARCH 160: Foundations in Design 1**

Introduction to and application of architectural representation through freehand drawing, orthographic projections, descriptive geometry, paraline drawings, shade and shadows, model making and the basic design process.

**Credits:** 5

**Prerequisites/Permissions:**

None

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

## **ARCH 161: Foundations in Design II**

Continuation of technical and freehand drawing and development of presentation composition, basic rendering and design techniques and introduction to the digital media in architecture.

**Credits:** 5

**Prerequisites/Permissions:**

ARCH 160

## **ARCH 200: Architecture Design II**

Applied development of basic architecture design with focus on site context, culture, identity, critical and creative thinking of environmental factors.

**Credits:** 6

**Prerequisites/Permissions:**

ARCH 260

## **ARCH 210: Survey of Architectural Hist. I**

Survey and 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**

Continuing historic survey of and Exploration examines 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/Permissions:**

ARCH 210 or permission of instructor

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 in architecture. Provides computer literacy for graphic computer applications and systems management.

**Credits:** 3

**Prerequisites/Permissions:**

ARCH 161

**ARCH 273: 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/Permissions:**

ARCH 270

**ARCH 284: Design Build**

Applied building and construction skills to architecture design of small scale structures

**Credits:** 3

**Prerequisites/Permissions:**

ARCH 261

**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/Permissions:**

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/Permissions:**

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.

**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/Permissions:**

PHYS 008, MATH 007, ARCH 200

**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/Permissions:**

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 and in mechanical systems in buildings and environmental design.

**Credits:** 3

**Prerequisites/Permissions:**

PHYS 008, MATH 007, ARCH 200

**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/Permissions:**

ARCH 342

**ARCH 354: Urban Design Principles**

Exposure to the concepts, methodologies, techniques and attitudes 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/Permissions:**

ARCH 200

**Essential Learning Outcomes:** ELO #4: Intellectual and Practical Skills

**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/Permissions:**

ARCH 200

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**ARCH 365: Architecture Design IV**

Explorations of the impact of programming function, structures, site conditions, culture, identity and the environment on architectural form on neighborhood and community design in local and global contexts.

**Credits:** 6

**Prerequisites/Permissions:**

ARCH 364

**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/Permissions:**

ARCH 240 ARCH 200

**ARCH 421: Housing Design & Equity**

Exploration of housing issues related to affordability, identity, culture and environmental justice and equity.

**Credits:** 3

**Prerequisites/Permissions:**

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 student's 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/Permissions:**

ARCH 466

**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/Permissions:**

ARCH 343

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World

**ARCH 446: Construction Representation**

Understanding and preparation of technical, construction and legal documentation for architecture and building projects.

**Credits:** 3

**Prerequisites/Permissions:**

ARCH 365

**ARCH 466: Architecture Design V**

Exploration and design of issues of urban design and development and the relationship to architecture design.

**Credits:** 6

**Prerequisites/Permissions:**

ARCH 365

**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/Permissions:**

ARCH 466

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning



**ARCH 478: Pub. Issues Arch & Eviron. Jus**

Introduction to key issues and factors linking architecture 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/Permissions:**

ARCH 364

**ARCH 506: NOMAS Design Competition 1**

Development of design ideas for entry into the annual NOMAS Barbara Laurie design competition.

**Credits:** 2

**Prerequisites/Permissions:**

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/Permissions:**

Third or fourth year standing; ARCH 203 or ARCH 204; ARCH 511 or ARCH 518

**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/Permissions:**

ARCH 513

**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/Permissions:**

ARCH 261 or permission of instructor

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

ARCH 240

**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/Permissions:**

ARCH 261

**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/Permissions:**

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/Permissions:**

ARCH 261 or permission of instructor

**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/Permissions:**

ARCH 261

**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/Permissions:**

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/Permissions:**

ARCH 302

**ARCH 682: Tropical Arch Urbani: Case St**

**Credits:** 3

**Prerequisites/Permissions:**

ARCH 261 or permission of instructor

**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/Permissions:**

ARCH 203

**ARCH 803: Independent Study**

Independent study in the area of the student's professional interest.

**Credits:** 3

**Prerequisites/Permissions:**

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 808: Graduate Architecture Independent Study**

Independent architecture, community, and environmental design projects and research.

**Credits:** 3

**ARCH 809: Explorations in Architecture**

This seminar course focuses on international practice and merging trends global architectural design.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

permission of instructor

**ARCH 814: Arch Study Abroad Practicum**

Experiential learning, examination and observations of study abroad site

**Credits:** 3

**Prerequisites/Permissions:**

permission of instructor

**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/Permissions:**

ARCH 651

**ARCH 828: Advanced Theories of Architecture**

Introduction of advanced theoretical analysis in architecture and environmental design

**Credits:** 3

**Prerequisites/Permissions:**

ARCH 438

**ARCH 861: Thesis II**

Comprehensive completion of the architecture thesis based upon previous conceptual and schematic development.

**Credits:** 6

**Prerequisites/Permissions:**

ARCH 868

**ARCH 868: Architecture Thesis I**

Beginning and conceptual and schematic development of the architecture thesis.

**Credits:** 6

**Prerequisites/Permissions:**

ARCH 467

**ARCH 882: Professional Practice**

Understanding of the business and technical professional architecture practice.

**Credits:** 3

**Prerequisites/Permissions:**

ARCH 467

**ARCH 885: Architecture Graduate Seminar**

Exploration and examination of various topics in architecture and environmental design

**Credits:** 3

**Prerequisites/Permissions:**

ARCH 438

**ARCH 902: Design Portfolio & Marketing**

Preparation of design portfolio

**Credits:** 3

# CHEG - Chemical Engineering

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

PRE-REQ: CHEG 201, MATH 157

## **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/Permissions:**

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/Permissions:**

PRE-REQ: MATH 159, CHEG 301

## **CHEG 303: Chem. Engineering Thermodynamics**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

PRE-REQ: CHEG 301, CHEG 303, CHEM 141 (or Permission of Instructor), MATH 159

**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/Permissions:**

PRE-REQ: CHEG 303, CHEM 171 (or Permission of Instructor) / CO-REQ: CHEG 401, CHEG 403

**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/Permissions:**

Variable Pre-Req., Junior or Senior Standing (or Perm. of Instructor)

**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/Permissions:**

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/Permissions:**

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/Permissions:**

PRE-REQ: CHEG 306, CHEG 401, CHEG 403, CHEG 407, CHEM 142, CHEM 172 (or Permission of Instructor)

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Variable Pre-Req., Junior or Senior Standing (or Perm. 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/Permissions:**

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/Permissions:**

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/Permissions:**

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



# EECE - Electrical Engineering

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

: 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

EECE 325

**EECE 331: Probability and Statistics for Eng. Applications**

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/Permissions:**

MATH 159

**EECE 332: Signal & Systems**

**Credits:** 3

**EECE 333: Fndmntls 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/Permissions:**

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/Permissions:**

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/Permissions:**

.: 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/Permissions:**

EECE 401

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

∴ EECE 332, and EECE 307

**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/Permissions:**

∴ 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/Permissions:**

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/Permissions:**

EECE 421

**EECE 423: Intro. to VLSI Design Lab**

Lab that accompanies EECE 420

**Credits:** 1

**EECE 453: Communications Theory**

Includes probability theory, hypothesis testing, channel capacity, coding, detection, and system performance analysis

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

EECE 416

**EECE 459: Communications Theory Lab**

Design of modulation and demodulation circuits, filters

**Credits:** 1

**Prerequisites/Permissions:**

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/Permissions:**

EECE 453

**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/Permissions:**

ELEG 304

**EECE 471: Design Integrated Circuits**

Microelectronics and circuit design. In depth coverage of Silicon integrated device characteristics and fabrication

**Credits:** 3

**Prerequisites/Permissions:**

EECE 308

**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/Permissions:**

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/Permissions:**

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/Permissions:**

Offered Spring semester.

**EECE 498: Independent Project**

Study performed by individual student under faculty supervision

**Credits:** 1-3

**Prerequisites/Permissions:**

Departmental approval

**EECE 499: ST: Electrical Engineering**

Special courses not offered on a regular basis

**Credits:** 3

**Prerequisites/Permissions:**

Departmental approval

## CIEG - Civil Engineering

**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

**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/Permissions:**

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/Permissions:**

CHEM 003.

**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/Permissions:**

MATH 159; CIEG 202, Coreq.: MEEG 209.

Corequisite: CIEG 303

**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/Permissions:**

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

**Prerequisites/Permissions:**

Corequisite: CIEG 301

**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/Permissions:**

MATH 158; CIEG 302, PHYS 013

Corequisite: CIEG 313

**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

**Prerequisites/Permissions:**

CIEG 311

**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/Permissions:**

CIEG 301, CIEG 303, CIEG 302

**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/Permissions:**

CIEG 207.

**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/Permissions:**

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/Permissions:**

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/Permissions:**

CIEG 351, CIEG 104

**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/Permissions:**

CIEG 416, CIEG 465

**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/Permissions:**

CIEG 104, CIEG 351, MATH 158, MATH 159

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 2

**Prerequisites/Permissions:**

CIEG 207, CIEG 314, CIEG 352, CIEG 416, CIEG 434

**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:** 2

**Prerequisites/Permissions:**

CIEG 439.

**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/Permissions:**

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

**Prerequisites/Permissions:**

CIEG 352

**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/Permissions:**

CIEG 207, CIEG 314, CIEG 352, CIEG 354, CIEG 416, CIEG 434

**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/Permissions:**

CIEG 351; 416

**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

**Prerequisites/Permissions:**

CIEG 351, CIEG 354, CIEG 351 or approval of instructor.

**CIEG 476: 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.

Pre-requisite: CIEG 314

**Credits:** 3

**EGPP 101 102: Introduction to Engineering (Civil)**

Introduces the student to the disciplines within civil engineering and skills needed for success in the major and profession, including MathCAD.

**Credits:** 3

**Prerequisites/Permissions:**

EGPP 101.

# MEEG - Mechanical Engineering

## **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/Permissions:**

Admission to Howard University, EGPP 101 (corequisite)

## **MEEG 204: Intro to Solid Mechanics**

Presents basic concepts of stress and strain of deformable bodies, state of stress and strain, Mohr's 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

CHEM 003, PHYS 014, MATH 158



**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MEEG 310

**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/Permissions:**

EECE 310, MATH 159

**MEEG 318: Jet Propulsion**

Covers power cycles, combustion fundamentals, aircraft and missile propulsion, engines compressors and turbines.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MEEG 306, MEEG 320, MEEG 350

**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/Permissions:**

MEEG 204, MATH 159, MEEG 207

**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/Permissions:**

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/Permissions:**

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/Permissions:**

MEEG 307 (prerequisite), MEEG 403 (corequisite)

**MEEG 438: Environmental Controls**

Covers analysis and design of heating, cooling, ventilation, and air distribution systems.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

MEEG 441

**MEEG 443: CAD/CAM**

Introduces computer graphics, design software and solid modeling.

**Credits:** 3

**Prerequisites/Permissions:**

MEEG 207, MEEG 310, MEEG 319

**MEEG 445: Undergraduate Research I**

Covers analysis, design and/or experimentation in research areas of interest.

**Credits:** 3

**Prerequisites/Permissions:**

Consent of Instructor

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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

## CSCI - Computer Science

**CSCI 100: Intro to Computer Science**

This course introduces the fundamentals of systems and computer science. A brief examination of critical, creative, systems and scientific thinking, is followed by more details on computational thinking. The focus is hands on computing exercises and group exercises that stress the importance of algorithms and problem solving. Students are exposed to the research agenda of the department, the different track options and career opportunities along the different tracks.

**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**

This course provides an introduction to the discipline of computer programming. 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 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. Prereq: Intro. to Computer Science.

**Credits:** 4

**CSCI 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/Permissions:**

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 200: Intro to Mobile App Dev.**

**Credits:** 3

**CSCI 201: Computer Organization I**

This course will cover the fundamentals required to understand the relationship between computer hardware and software. Topics include data representation on computers, computer arithmetic, Boolean algebra and digital logic, and assembly programming in MIPS

**Credits:** 3

**Prerequisites/Permissions:**

CSCI 135.

**CSCI 202: Computer Organization II**

This course will present the relationship between computer hardware and software, and the fundamental knowledge essential for understanding and designing the operations of computer systems. Topics include performance evaluation, non-pipelined and pipelined datapath, memory hierarchies, and I/O devices

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

CSCI 136 and Discrete Structures.

**CSCI 350: Structure of Program Language**

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/Permissions:**

CSCI 201, CSCI 341

**CSCI 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/Permissions:**

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/Permissions:**

CSCI 136

**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/Permissions:**

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/Permissions:**

CSCI 375

**CSCI 379: Into to Human-Comp Inter Des**

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/Permissions:**

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/Permissions:**

CSCI 202; CSCI 363

**CSCI 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/Permissions:**

CSCI 354

**CSCI 410: Modeling & 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



**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/Permissions:**

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. 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/Permissions:**

CSCI 421

**CSCI 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

CSCI 491

### **CSCI 493: Tech Entrepr & 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 gathered, you would use agile development to rapidly iterate your product to build something customers would actually 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 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/Permissions:**

Junior Standing, MEEG, ECEG, CSCI major

### **CSCI 991: Co-Op Education CS**

**Credits:** 1

### **CSCI 999: Co-op Education**

**Credits:** 12

## **EGPP - Engineering Preparatory Program**

### **EGPP 101: Intro-Engineering (Chemical)**

Provides information on engineering education, the engineering profession, and basic concepts and tools. Introduces the engineering design process and provides the opportunity for students to complete engineering design projects.

**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

## CLLS - Clinical Laboratory Sciences

**CLLS 101: Intro Clinical Lab Science**

History, professional organizations, educational and occupational opportunities, and ethics of clinical Laboratory science

**Credits:** 2

**Prerequisites/Permissions:**

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/Permissions:**

NONE

**CLLS303: 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/Permissions:**

BIOL 220 AND PHYSIOLOGY

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

CLLS 309 Clinical Biochemistry & Instrumentation

**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/Permissions:**

CHEM1 41 ORGANIC CHEMISTRY

**CLLS 403: Clinical Hematology II**

Lectures and laboratory in hematological blood diseases, hemostasis and leukemia cytochemistry

**Credits:** 4

**Prerequisites/Permissions:**

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/Permissions:**

CLLS 303 and CLLS 403

**CLLS404: 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 4

**Prerequisites/Permissions:**

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/Permissions:**

Completion of all junior CLS courses. SENIOR CLS Students must be senior enrolled in clinical practicums

**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/Permissions:**

ENGL 003 and MATH 009

## HLMN - Health Management Sciences Program

**HLMN 102: Health Management 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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

Health Management/Health Science Senior Students Only

**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/Permissions:**

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/Permissions:**

Health Management/Health Science Senior Students Only

**HLMN 408: Hlth Mgmt Sem**

Designed to demonstrate aptitude in the 5 Health Management Program Competency areas in the form of a final capstone project.

**Credits:** 3

**Prerequisites/Permissions:**

HM Seniors Only: Spring Semester - Senior Year

**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

## NUTR - Nutritional Sciences

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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:** 5

**Prerequisites/Permissions:**

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 pathogenesises. 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

General Chemistry Lec and Lab, Organic Chemistry Lec and Lab, Biochemistry and General Physics

**NUTR 200: Intro. to Hlth. Educ. in Nutr.**

Provides an overview of psychosocial perspectives on changing health behavior at the individual, interpersonal, and community levels from both theoretical and empirical stances. **(Fall Semester Only).**

**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/Permissions:**

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/Permissions:**

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/Permissions:**

NUTR 006

**NUTR 320: Nutritional Life in the 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

NUTR 130, 161, 175, 320, 323, 410 and 415

**NUTR 419: Field Placement**

Provides students with the opportunity to engage with professionals and participate in service learning that will help students to identify and collaborate on how to work with community agencies to meet the needs of the agencies and their constituents.

**Credits:** 1

**NUTR 419 : Field Placement (2 Credit Hours)**

Provides students with the opportunity to engage with professionals and participate in service learning that will help students to identify and collaborate on how to work with community agencies to meet the needs of the agencies and their constituents.

**Credits:** 2

**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/Permissions:**

NUTR 183, 184, 311, 321, 322, 325, 410, 411, 413, 415 and 418, Coordinated Program in Dietetics students only

**NUTR 421: Global Health and Nutrition**

Examines cultural eating patterns across the globe and explore how these affect health and well-being. It will provide a birds-eye view of how political and economic influences have affected food availability. This course examines dietary habits and nutritional status of populations influenced by national and local food policies and practices. In addition, course examines the political and economic influences on behavioral health and chronic diseases.

**Credits:** 3

**NUTR 425: Issues in Dietetics & Nutrition (Senior Standing)**

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

## NURS - Nursing

**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 308: Role Transition**

**Credits:** 3

**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 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 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 329: Nursing Issues**

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. Online course.

**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 & Bereavement**

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. Online course.

**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 425: Psychiatric Nursing**

Course no longer offered please remove

**Credits:** 0-4

**NURS 426: Community Nursing**

Course no longer offered please remove

**Credits:** 0-3

**NURS 427: Leadership & Mgmt**

see above description

**Credits:** 0-3

**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 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**

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. Online course.

**Credits:** 5

**NURS 438: Nursing Leadership**

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. Online course.

**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

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

major/ RASC 310

**RASC 330: Clinical Radiotherapy III**

Clinical practicum in the radiation oncology departments at affiliated institutions

**Credits:** 3

**Prerequisites/Permissions:**

major/ RASC 320

**RASC 335: Clinical Radiotherapy IV**

Clinical practicum in the radiation oncology departments at affiliated institutions.

**Credits:** 3

**Prerequisites/Permissions:**

major/ RASC 330

**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/Permissions:**

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 student's 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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 on the student's 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/Permissions:**

major/RASC 410

## **NUTR - Nutrition**

### **NUTR -324: Social Determinant Health Nutrition**

Provides an overview of the social determinants of health, health disparities, social epidemiology, social epidemiology research methods, and the linkages between social epidemiology and health policy.

**Credits:** 3

### **NUTR -326: Nutrition Policy**

**Credits:** 3

### **NUTR -417: Nutrition in Health & Disease**

Provides a review of evidence-based relationships between nutrition and long-term health and wellbeing as well as chronic nutrition-related diseases/conditions. Students will delve into the risk factors, etiology, nutritional components and pathophysiology of chronic nutrition-related diseases and conditions and deliberate current evidence-based, nutrition-focused lifestyle strategies for preventing and managing these diseases and conditions.

**Credits:** 3

**Prerequisites/Permissions:**

NUTR 130, 161, 175, 320, 323, ANAT 171, 172

### **NUTR -422: Health Planning & Promotion**

Presents an overview of the process for designing, presenting and evaluating nutrition and health education programs grounded in selected theories (PRECEDE-PROCEED Model, Logic Model, Socio-ecological model etc.), health literacy, and health communication for the implementations of nutrition intervention programs.

**Credits:** 3

## **NAHS - Nursing and Allied Health Sciences**

### **NAHS 140: Human Growth & Development**

Not our course

**Credits:** 3

### **NAHS 171: Anatomy and Physiology 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:** 1-1

**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

## ACCT - Accounting

**ACCT 201: Accounting Principles I**

Basic concepts of financial accounting theory, recording procedures, and financial statement preparation.

**Credits:** 3

**Prerequisites/Permissions:**

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 procss and performance measures.

**Credits:** 3

**Prerequisites/Permissions:**

ACCT 201 (C), MATH 007/010 (C), BSchool major/minor

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

ACCT 202 (C), BSchool major/minor

**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/Permissions:**

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/Permissions:**

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/Permissions:**

ACCT 340 (C), BSchool major/minor

**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/Permissions:**

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/Permissions:**

ACCT 202 (C), INFO 204, BSchool major/minor

**ACCT 360: Not-For-Profit Accounting**

Involves basic fund accounting and reporting for governmental units, agencies, universities, hospitals, and nonprofit entities.

**Credits:** 3

**Prerequisites/Permissions:**

ACCT 202 (C), BSchool major/minor

**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/Permissions:**

ACCT 310 (C), BSchool major/minor

**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/Permissions:**

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/Permissions:**

ACCT 318 (C), BSchool major/minor

## 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/Permissions:**

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/Permissions:**

BLAW 305, BSchool major/minor

# INFO - Computer Based Information Systems

## **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/Permissions:**

School of Business Student

## **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/Permissions:**

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/Permissions:**

INFO 204 (C), Business Major/Minor, EA School

## **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/Permissions:**

ECON 180, INFO 204, MATH 026/156 (C), Junior, B-School Major/Minor, EA School

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

INFO 311, Junior, B-School Major/Minor, EA School

**INFO 340: Introduction to C++ Programming**

Provides in-depth extensive work in the solution of business applications using the C++ language, including the methods of program design and development, using a structured approach. Included in the course will be the following concepts: proper documentation techniques, coding, debugging, subprograms, arrays, searching, and sorting. It details the fundamentals of the C++ language and syntax, introduces students to the major class libraries, and prepares them to begin development of business applications.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

INFO 210 (C), B-School Major/Minor, EA School

**INFO 370: Systems Analysis & Design**

Introduce 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/Permissions:**

INFO 330 (C), Junior, B-School Major/Minor, EA School

**INFO 375: Sem Cmptr-Base Mgmt Info Sys**

Prepares the student investigates and reports on special topics in information systems development.

**Credits:** 3

**Prerequisites/Permissions:**

INFO 204 (C), Junior, B-School Major/Minor

**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/Permissions:**

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/Permissions:**

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/Permissions:**

INFO 210 (C), B-School Major/Minor

**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/Permissions:**

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/Permissions:**

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 government's 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/Permissions:**

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/Permissions:**

ACCT 202, ECON 180, INFO 204, MATH 026/156 (C), B-School Major/Minor, EA School

**INFO 397: Immersive Lab**

The Immersive Lab course provides hands-on, real world experience and exposure to major Corporation challenges and/or opportunities. The Immersive Lab course creates teams of students that work directly with Corporate client teams along with Kearney consultants while conducting research, analysis, and other related activities to identify potential solutions for the project. The curriculum goal is to provide a range of Supply Chain, Information Systems, Finance, International Business, Marketing, and Management problems/ opportunities and hopefully each problem/opportunity has multi-disciplinary elements.

**Credits:** 3

**Prerequisites/Permissions:**

INFO 204 (C), B-School Major/Minor

**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/Permissions:**

INFO 370 (D) or concurrently enrolled in INFO 370, Senior, B-School Major/Minor, EA School

## FINA - Finance

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

FINA 311, FINA 312 (C), B-School Major/Minor

**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/Permissions:**

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/Permissions:**

FINA 311, FINA 312 (C), B-School Major/Minor



**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/Permissions:**

FINA 312 (C), B-school Major/Minor

**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/Permissions:**

FINA 311, FINA 312 (C), B-School Major/Minor

**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/Permissions:**

FINA 312 (C), B-school Major/Minor

**FINA 364: Investment Banking**

Provide the professional practices of investment banks including raising capital through IPO's, 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

FINA 311, FINA 312 (C), B-School Major/Minor

**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 company's current and forecasted financial statements for strategic decision making.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

FINA 313 (C), senior, B-School Major/Minor

# 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

B-School Major/Minor

# INSU - Insurance

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

FINA 311, FINA 312, B-School Major/Minor

## **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/Permissions:**

FINA 311, FINA 312, B-School Major/Minor

# 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/Permissions:**

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/Permissions:**

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/Permissions:**

FINA 311, FINA 312, INBU 300 (C), Junior, B-School Major/Minor

## **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/Permissions:**

INBU 300 (C), INBU 320 (C), INBU 340 (C), MGMT 301, Senior, B-School Major/Minor

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

Approval

## MGMT - Management

**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/Permissions:**

Business Orientation II (MGMT 011) with a Minimum Grade of D ,, B-School Major/Minor

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

HA Special Approval, B-School Major/Minor

**MGMT 301: Management & OB**

Analyzes the principles of planning, organizing, directing, coordinating, and controlling within organizations

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

MGMT 301 (C/T), B-School Major/Minor

**MGMT 304: Labor Management Relations**

Deals with labor management relations in different organizations.

**Credits:** 3

**Prerequisites/Permissions:**

MGMT 301 (C/T), B-School Major/Minor

**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/Permissions:**

MGMT 301 (C/T), B-School Major/Minor

**MGMT 308: Entertainment Management**

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MGMT 301 (C/T), B-School Major/Minor

**MGMT 350: Management of Small Business**

Focuses on the management problems and the environment of operation of small businesses.

**Credits:** 3

**Prerequisites/Permissions:**

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/Permissions:**

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 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MGMT 301 (C/T), B-School Major/Minor

**MGMT 380: Seminar in Management**

Involves selected readings, research, and presentations of selected topics in management.

**Credits:** 3

**Prerequisites/Permissions:**

MGMT 301 (C/T), B-School Major/Minor

**MGMT 385: Independent Study in Mgmt**

Consists of individual reading and research

**Credits:** 3

**Prerequisites/Permissions:**

MGMT 301 (C/T), B-School Major/Minor

**MGMT 390: Business Policy**

Develop the strategic management skills needed by managers. Builds upon the basic subject matter from previous courses in different functional areas, although Strategic Management has a significantly separate theoretical core. The course covers mission and goal formulation, environmental analysis, organizational analysis, strategy formulation, and strategy implementation.

**Credits:** 3

**Prerequisites/Permissions:**

MGMT 301(D/T), Senior, B-School Major/Minor

**MGMT 800: SB Study Abroad**

Study Abroad, Administrator Approval

**Credits:** 12

**Prerequisites/Permissions:**

AA Administrator approval

# MKTG - Marketing

## **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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MKTG 301 (c) , B-School Major/Minor

**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/Permissions:**

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/Permissions:**

MKTG 301 (c) Approval , B-School Major/Minor

**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/Permissions:**

MKTG 301 (c) Approval , B-School Major/Minor

**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/Permissions:**

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/Permissions:**

MKTG 301 (c), B-School Major/Minor

**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/Permissions:**

MKTG 301 (c), B-School Major/Minor

**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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

MKTG 310 (c), MKTG 315 (c) Senior , B-School Major/Minor

## **BCOM - Business Communications**

### **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/Permissions:**

ENGW 101/102/104, ENGW 103/105, MATH 026/156 (c), Sophomore, B-School Major/Minor

## **BECN - Business Economics**

### **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/Permissions:**

ECON 001, ECON 002, INFO 311, MATH 026/156 (C), B-School Major/Minor

# REEH - Real Estate

## **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/Permissions:**

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/Permissions:**

REEH 100, B-School Major/Minor

# SCHM - Supply Chain Management

## **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/Permissions:**

ECON 180, INFO 204, MATH 026/156 (C), Junior, B-School Major/Minor

## **SCHM 300: Supply Chain Immersive Lab**

Provides hands-on, real world experience and exposure to major Corporation challenges and/or opportunities. Creates teams of students that work directly with Corporate client teams along with consultants while conducting research, analysis, and other related activities to identify potential solutions for the project. The curriculum goal is to provide a range of Supply Chain, Information Systems, Finance, International Business, Marketing, and Management problems/opportunities and hopefully each problem/opportunity has multi-disciplinary elements, while reviewing various business and supply chain pitfalls and opportunities.

**Credits:** 3

### **Prerequisites/Permissions:**

SCHM 211 (C), SCHM 340 (C), Senior, 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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

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/Permissions:**

SCHM 211 (C), SCHM 340 (C), Senior, B-School Major/Minor



# EDUC UUU - School of Education

## **EDUC 202: Study Abroad Pre-departure**

New - Introduces students to knowledge, skills and strategies that support their study abroad journey. Topics include: health, safety, academics abroad, cultural understanding, Title IX issues, and the intersection of race, gender and ability while living abroad. This course is graded S/U and does not count toward degree course or credit hour requirements.

**Credits:** 1

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

# 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: Study Abroad Pre-departure**

Introduces students to knowledge, skills and strategies that support their study abroad journey. Topics include: health, safety, academics abroad, cultural understanding, Title IX issues, and the intersection of race, gender and ability while living abroad. This course is graded S/U and does not count toward degree course or credit hour requirements.

**Credits:** 1

**EDUC 203: Alternative Spring Break Experience**

Participate in service learning opportunities via the Alternative Spring Break Experience.

**Credits:** 1-3

**Prerequisites/Permissions:**

Department Approval

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**EDUC 204: Alternative Spring Break Leadership**

Plan, organize, and lead the implementation of service learning opportunities via the Alternative Spring Break Experience.

**Credits:** 3-6

**Prerequisites/Permissions:**

Department Approval

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

**EDUC 210: Foundations of 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/Permissions:**

Passing Praxis Core scores or proof of registration for the Praxis Core exam.

**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 and 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/Permissions:**

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 Populations in American Society**

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 Urban Parents, Families, Communities, and School Personnel**

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/Permissions:**

Passing Praxis Core scores.

**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 (Gr. 1-3)**

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/Permissions:**

Passing Praxis Core scores and admission to a teacher certification program via a supplemental application through the Office of Teacher Education.

**EDUC 315: Prin of Teaching Math & Sci II (Gr. 4-6)**

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 Learners**

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 317: Honors Junior Research Seminar**

Students will work alongside a faculty in an area of interest. Students will be introduced to and explore ideas in education such as hard to teach concepts. These ideas might be related to pedagogy such as learning how to engage students or engaging parents. Students will choose a pedagogy topic to explore and spend the semester learning about that topic alongside their assigned faculty. This may include but is not limited to ideas behind backward design, engineering design, design thinking, literacy approaches, science pedagogy, mathematics pedagogy. Students will create a recording of a lesson they created using this pedagogy.

**Credits:** 1

**EDUC 318: Honors Junior Research Seminar**

Introduces qualitative research methodology and qualitative approaches. Students will analyze collected data. For example, students might be encouraged to analyze the video clip they created during the fall semester. Students will create and participate in presentations where they present their research findings to the larger community, for example during Howard's HU Research Week.

**Credits:** 1

**EDUC 321: Lit & Wrtg in Urbn Elem Sch**

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**

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. Course employs a balanced approach to teaching language arts and social studies. 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/Permissions:**

Passing Praxis Core scores and admission to a teacher certification program via a supplemental application through the Office of Teacher Education

**EDUC 323: Literacy Assessment and Instructional Frameworks in Urban Elem Schools**

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. Course employs a balanced approach to teaching language arts and social studies. 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

**EDUC 324: Teaching Arts, Health & PE in Urban Elem Schools**

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 learner's knowledge and skills in the arts, health education and physical education. A field experience component is included.

**Credits:** 4

**EDUC 410: Pedagogy & Content Literacy**

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/Permissions:**

Passing Praxis Core scores and admission to the Secondary Education Minor, Proof of passing Praxis II Content scores or proof of registration to take the required Praxis II Content exam.

**EDUC 412: Research Foundations & Methods**

Equips candidates with the knowledge, skills, and dispositions that are essential to functioning as competent researchers, with a specific emphasis on teacher-led research. The course broadens candidate's 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. Candidates will plan, implement, analyze, and interpret the results of an action research project.

**Credits:** 3

**Prerequisites/Permissions:**

Passing Praxis Core scores and admission to a teacher certification program via a supplemental application through the Office of Teacher Education, Proof of passing Praxis II Content scores or proof of registration to take the required Praxis II Content exam.

**EDUC 413: Honors Senior Thesis**

Engages students in working alongside a faculty in an area of mutual interest. Students will choose a pedagogy topic to explore and spend the semester learning about that topic alongside their assigned faculty. This may include but is not limited to ideas behind backward design, engineering design, design thinking, literacy approaches, science pedagogy, mathematics pedagogy. Students will create a recording of a lesson they created using this pedagogy.

**Credits:** 1

**EDUC 414: Honors Senior Thesis**

Introduces qualitative research methodology. During this semester students will use qualitative approaches to analyze a data they collected. For example, students might be encouraged to analyze the video clip they created during the fall semester. Students will create and participate in presentations where they present their research findings to the larger community, for example during Howard's HU Research Week.

**Credits:** 1

**EDUC 420: Interdis Research in STEM**

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

**Prerequisites/Permissions:**

Passing Praxis Core scores and admission to a teacher certification program via a supplemental application through the Office of Teacher Education, Proof of passing Praxis II Content scores or proof of registration to take the required Praxis II Content exam.

**EDUC 430: Methods & Instruc Tech**

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

**EDUC 450: Internship and Classroom Mgmt**

Provides a 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. The internship is centered on the critical activities of teaching and learning, lesson planning, evaluating and providing feedback on student work, and developing curricula. The internship provides an opportunity to apply the INTASC Standards. The support seminar fosters analysis and communication of these understandings and discoveries.

**Credits:** 9

**Prerequisites/Permissions:**

Passing Praxis Core scores and admission to a teacher certification program via a supplemental application through the Office of Teacher Education, Proof of passing Praxis II Content scores or proof of registration to take the required Praxis II Content exam.

**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/Permissions:**

Department Approval.

**EDUC 480: Intl Internship & Spec Top Sem**

Integrates 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 the cross cultural experiences and facilitate the intercultural development of teacher candidates.

**Credits:** 9

**EDUC 600: Independent Study**

Provides an opportunity to independently focus on and improve candidates' knowledge, skills, dispositions, and application of constructivist teaching, learning, and assessment practices.

**Credits:** 1-9

**EDUC 890: Study Abroad**

Examine global topics such as politics, music, history, art, education, intensive language study and other essential areas of international life while living, researching, interning or studying abroad. Department approval and course petition required.

**Credits:** 1-12

**Prerequisites/Permissions:**

Department Approval

**Essential Learning Outcomes:** ELO #6: Leadership and Applied Learning

## HUDE - Human Development

**HUDE 118: Psych of Infancy Chld & Adol**

**Credits:** 3



**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 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

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #2: Knowledge of Human Cultures and Creative Expression  
ELO #7: Comprehensive Wellness Practices

**HUDV 113: Prenatal Infant & EC Dev**

The purpose of this course is to provide students with an opportunity to build and/or expand their basic knowledge and skills relating to the development of prenatal, infants, and early childhood infants and children. The goal is to students to achieve the following accomplish this objective: Obtain information on basic theories related to physical, cognitive, social, and emotional development of infants and children. Identify biological and environmental factors that impact the growth and development prenatally, in infancy and early childhood, Connect concepts and themes discussed in class to practical experiences, and, Build on the development of critical thinking skills such that students develop needed skills to become critical consumers of information.

**Credits:** 3

**Essential Learning Outcomes:** ELO #1: Knowledge of U.S. and Global African Diasporic Developments  
ELO #7: Comprehensive Wellness Practices

**HUDV 114: Growth & Dev in Child & Adoles**

Deals with growth and development from early childhood to early adolescence.

**Credits:** 3

**HUDV 118: Youth, Families and Communities Placed at Risk and Resiliency**

Examines development gone awry during infancy, childhood and adolescence from ecological, developmental, cultural, and other theoretical frameworks.

**Credits:** 3

**HUDV 119: Diverse Youth and Families 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: Interdisciplinary Perspectives of Human Development**

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 and Relationships**

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: Parenting: Theory, Research & Support**

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: Youth, Families, Society, and Earth in Consumer and Digital Culture**

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 Adulthood and Later Life**

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 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