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2014-2015 Catalog

# ACADEMIC CALENDAR 2014–2015

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## Undergraduate and Graduate

### FALL 2014

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#### AUGUST 2014

Friday 8	Deadline for graduate students to submit thesis to Graduate School for September graduation
Wednesday 20	Registration for new students not tested/registered over the summer  New Graduate Student Orientation
Saturday 23	Residence halls open, 9 a.m.
Sunday 24	<i>Last day for 100 percent tuition refund for undergraduate students; 100 percent refund for graduate students continues until the first class meeting</i>
Monday 25	Opening Convocation, 10 a.m.  Classes begin, 1:40 p.m. <i>80 percent tuition refund period begins and continues through September 9; 0 percent tuition refund thereafter</i>

#### SEPTEMBER 2014

Monday 1	Labor Day - No classes
Tuesday 2	Classes resume, 8 a.m.
Tuesday 9	End drop/add; end <i>80 percent course refund for part-time students; last day to declare/change SU or audit option</i>
Friday 12	Deadline for graduate students to apply for January graduation to the Graduate Office  Deadline for graduate students to submit notification for comprehensive exams to the Graduate Office
Friday 26	March on Frederick - No classes  Last day to file for extra credit (X) study  Senior applications for graduation due in the Registrar's Office

#### OCTOBER 2014

Saturday 11	Midterm recess - No classes
Wednesday 15	Classes resume, 8 a.m.  Term II PE begins
Monday 20	Midterm grades due in Registrar's Office

## NOVEMBER 2014

Saturday 1	Master's comprehensive examinations
Tuesday 4	Master's comprehensive examinations
Friday 7	Advising Day - No classes
Monday 10	Begin spring and January term registration for seniors and current graduate students Last day to submit petition for spring semester study abroad or study at another institution
Tuesday 11	Begin spring and January term registration for juniors
Wednesday 12	Begin spring and January term registration for sophomores
Thursday 13	Begin spring and January term registration for freshmen
Friday 14	Last day to withdraw from any undergraduate class
Monday 17	Begin spring and January term registration for new undergraduate, new graduate and nondegree students
Tuesday 25	Last day to withdraw from graduate classes
Wednesday 26	Thanksgiving recess - No classes Residence halls close for Thanksgiving recess, noon
Sunday 30	Residence hall re-open, 9 a.m.

## DECEMBER 2014

Monday 1	Classes resume, 8 a.m.
Friday 5	Deadline for graduate students to submit thesis to Graduate Office for January graduation
Friday 12	Undergraduate classes end
Saturday 13	Reading Day
Sunday 14	Reading Day
Monday 15	Undergraduate exams begin
Friday 19	Undergraduate exams end Graduate classes end Deadline for graduate students to apply for May graduation to the Graduate Office
Saturday 20	Residence halls close for winter break, noon
Friday 27	Final grades due

## JANUARY TERM 2015

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Monday 5	Classes begin
Sunday 18	Classes end
Monday 19	Martin Luther King Day - College closed
Monday 26	Grades due

## SPRING 2015

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### JANUARY 2015

Wednesday 14 New Graduate Student Orientation

Sunday 18 New undergraduate students arrive; orientation begins

*Last day for 100 percent tuition refund for undergraduate students; 100 percent refund for graduate students continues until the first class meeting.*

Residence halls open for new and returning students, 9 a.m.

Monday 19 Martin Luther King Day - College closed

Tuesday 20 Classes begin, 8 a.m.

### FEBRUARY 2015

Tuesday 3 End drop/add; end 80 percent course refund for part-time students; last day to declare/change SU or audit option

Friday 6 Deadline for graduate students to apply for September graduation to the Graduate Office

Deadline for graduate students to submit notification for comprehensive exams to the Graduate Office

### MARCH 2015

Friday 6 Last day to file for extra credit (X) study

Saturday 7 Midterm recess - No classes

Residence halls close for spring break, noon

Sunday 15 Residence halls re-open, 9 a.m.

Monday 16 Classes resume, 8 a.m.

Term IV PE begins

Monday 23 Midterm grades due in Registrar's Office

### APRIL 2015

Friday 10 Advising Day - No classes

Last day to withdraw from any undergraduate class

Saturday 11 Master's comprehensive examinations

Monday 13 Begin fall and summer registration for juniors, non-graduating seniors and current graduate students

Last day to submit petition for fall semester study abroad or study at another institution

Tuesday 14 Begin fall and summer registration for sophomores

Master's comprehensive examinations

Wednesday 15 Begin fall and summer registration for freshmen

Friday 17 Last day to withdraw from any graduate class

Deadline for graduate students to submit thesis to the

Graduate Office for May graduation

Monday 20 Begin fall and summer registration for new undergraduate, new graduate and nondegree students

## MAY 2015

Friday 1	Undergraduate classes end
Saturday 2	Reading Day
Sunday 3	Reading Day
Monday 4	Undergraduate examination period begins
Friday 8	Undergraduate exam period ends Graduate classes end
Saturday 9	Residence halls close for summer (non-graduating students), noon
Monday 11	Final grades for graduating seniors and master's candidates due to Registrar's Office by 9 a.m.
Saturday 16	Commencement Residence halls close for graduating seniors, 6 p.m.
Monday 18	All other grades due to Registrar's Office by 9 a.m.

## SUMMER 2015

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### MAY 2015

Monday 18	Term I begins
Monday 25	Memorial Day - No classes; College closed

### JUNE 2015

Sunday 28	Term I ends
Monday 29	Term II begins

### JULY 2015

Saturday 4	Independence Day - No classes; College closed
Monday 6	Term I grades due

### AUGUST 2015

Sunday 9	Term II ends
Monday 17	Term II grades due

#### Withdrawal/Tuition Refund Policy for Summer Terms

- 100 percent tuition refund prior to the first day of class for all sessions
- 80 percent tuition refund within the first two calendar days of 1- and 2-week sessions; No tuition refunds thereafter
- 80 percent tuition refund within the first four calendar days of 3- and 4-week sessions; No tuition refunds thereafter
- 80 percent tuition refund within the first seven calendar days of 5- and 6-week sessions; No tuition refunds thereafter



# COMMUNICATING WITH THE COLLEGE

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**By Mail:**

Hood College, 401 Rosemont Avenue, Frederick, Maryland 21701-8575

**By Telephone:**

**Academic Services**, advising and academic support services 301-696-3569

**Accounting** 301-696-3607

**Admission**, undergraduate and transfer students 301-696-3400 or call toll-free 800-922-1599

**Admission**, graduate 301-696-3600 or call toll-free 800-454-1982

**Bookstore** 301-696-3480

**Campus Safety** 301-696-3548

**Career Center** 301-696-3583

**Cultural and Community Events** 301-696-3800

**Financial Aid** 301-696-3411

**Information Desk** 301-696-3964

**Library** 301-696-3909

**Registrar**, undergraduate 301-696-3616

**Registration**, graduate 301-696-3600

**Switchboard** 301-696-3131

**Veteran's Education Benefits** 301-696-3617

**By Fax:**

**Academic Services** 301-696-3952

**All-College** 301-694-7653

**Career Center** 301-696-3561

**Dean of Students** 301-696-3581

**Financial Aid** 301-696-3812

**Graduate School** 301-696-3597

**Registrar** 301-696-3894

**Undergraduate Admissions** 301-696-3819

# A HOOD COLLEGE EDUCATION

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## ACCREDITATION

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Hood College is accredited by the Middle States Commission on Higher Education. A number of programs carry specialized accreditation as noted herein. The provisions of this publication are not to be regarded as an irrevocable contract between the applicant or the student and Hood College.

## OUR VISION

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Hood College aspires to be a premiere comprehensive liberal arts college by offering its students an excellent and engaging educational experience that prepares graduates for success.

## OUR MISSION

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Hood College prepares students to excel in meeting the personal, professional and global challenges of the future. Hood is committed to the integration of the liberal arts, the professions and technology, to the exploration of values, a sense of community and to the preparation of students for lives of responsibility, leadership and service.

Additionally, Hood is a contemporary liberal arts college that serves as a lifelong learning center where students can examine, evaluate and plan their lives. Uniquely designed programs, dedicated staff and a faculty carefully selected for its teaching excellence and concern for the development of the individual are the hallmarks of a Hood education.

At the heart of the Hood College mission is a century-long commitment to the preparation of students for purposeful lives and careers. Hood believes that the best foundation for employment and further academic training is an education that is balanced between general liberal arts education and specialized career preparation.

Hood College, in summary, offers an education that provides the individual with a sense of identity and purpose, a positive self-image, a concern for others, a responsibility to society and the environment, a respect for freedom of choice and belief, a continuing search for knowledge and understanding and a high regard for academic excellence.

## COMMUNITY SERVICE AND SERVICE LEARNING

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The College's motto, *Corde et Mente et Manu* (With Heart and Mind and Hand), expresses the value placed on service by the Hood community. Opportunities abound for students to engage in service learning that is community-based and enhances the major field of study.

### MARYLAND CAMPUS COMPACT

Hood College is a member of and houses the Maryland Compact, an organization of colleges and universities that promote the development of global citizens and just communities in Maryland and beyond.

### THE OFFICE OF SERVICE LEARNING

Located in the Catherine Filene Shouse Career Center, the Office of Service Learning provides interested students with the opportunity to learn through service to others. Here, student volunteers are matched with local, regional, national and international community service experiences.

### HOOD'S CENTER FOR COMMUNITY RESEARCH

Housed in the Sociology and Social Work Department on the third floor of Alumnae Hall, the Center for Community Research gives students the opportunity to work collaboratively with organizations and agencies in the Frederick community on research projects that meet a community need. Students from a variety of fields—primarily sociology, but also those with majors in disciplines such as law and society, social work, history, political science and environmental studies—have applied their research skills to help solve real-life problems while, at the same time, giving the Frederick community access to some of Hood's resources.

## ACADEMIC RESOURCES

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Hood is particularly well-regarded for its science laboratories, as well as for the strong, collaborative relationships between the College and the nearby Frederick Cancer Research and Development Center of the National Institutes of Health, an internationally renowned research facility. Other specialized resources include art studios, the Onica Prall Child Development Laboratory, the Williams Observatory and music study and performance facilities. These, together with other specialized facilities and opportunities, are described in the Undergraduate Programs and Courses of Study section of this catalog, within academic departmental listings.

## THE BENEFICIAL-HODSON LIBRARY AND INFORMATION TECHNOLOGY CENTER

The Beneficial Hodson Library and Information Technology Center is located in an imposing 57,000 square-foot, Georgian-style brick building, which was dedicated in 1992. Situated at the College's main entrance, it was named for Clarence Hodson, founder of the Beneficial Finance Company and the Hodson Trust. In addition to its function as a modern academic library, the building houses the Beneficial-Hodson Computing Center, one of the campus' many computer labs, a book conservation laboratory, and the Hood College Archives and Special Collections.

The library boasts a modern telecommunications network infrastructure, including wireless Internet capability. Materials collections, a new lounge area, student reading and study areas, and staff offices are conveniently arranged and comfortably furnished, creating a welcoming environment for recreational reading or serious study.

The library successfully integrates information technology with traditional library services and collections. In addition to the more than 200,000 volumes housed at Hood, any of the 800,000 volumes held at Hood's three sister libraries in the Maryland Interlibrary Consortium are available via courier within 24 hours of a request. In addition, approximately 210,000 e-books can be accessed from the library's web pages. The library currently subscribes to more than 300 print and microform periodicals, and nearly 42,000 additional full-text periodical titles can be accessed via the World Wide Web through numerous subscription databases. The library's homepage provides links to reference sources around the world. These and other computer-based resources may be consulted at a number of in-house computer workstations, as well as from any web-capable computer in a residence hall room or off campus. Video and audio collections are stored in the audio-visual center, with playback equipment for student use.

The Beneficial-Hodson Library's mission is to support the curricular and informational needs of the Hood community by providing appropriate library resources, instruction and assistance. This outstanding library facility and its dedicated staff provide the ideal setting to encourage and nurture academic inquiry and scholarship.

## THE CENTER FOR THE HUMANITIES

The Center for the Humanities organizes and funds programs and educational opportunities focusing on the humanities for the Hood community. Students are offered the opportunity to enhance course study with free admission to cultural performances and activities. The Janice E. Cole Writing Prize is awarded annually by the Center to the best essay on a subject in the humanities. Humanities faculty coordinate interdisciplinary studies among the humanities disciplines.

## THE SHIRLEY CONNER HARDINGE CENTER FOR GLOBAL STUDIES

The Shirley Conner Hardinge Center for Global Studies enhances the teaching, learning, and research of global issues at Hood College. The Center develops innovative ways to educate students in a world where a global perspective and cross cultural understanding are essential to effective leadership within all disciplines. The center funds scholarships for students studying abroad; provides funding for students and faculty engaged in international/global research; supports the development of short-term international programs; funds a yearly international visiting scholar, and funds awards recognizing outstanding contributions to global studies.

## THE TIDBALL CENTER FOR THE STUDY OF EDUCATIONAL ENVIRONMENTS

The Tidball Center for the Study of Educational Environments is housed in Alumnae Hall, contains materials accumulated by former trustee Dr. M. Elizabeth Tidball during 25 years of research on collegiate learning environments. These include books, commissioned databases, educational journals and speeches. Since 1992, Dr. Charles S. Tidball has become a colleague in research on the baccalaureate origins of accomplished graduates. In addition, the Small College Database he has developed is an online resource of the Center.

The Tidballs, professors emeriti at The George Washington University Medical Center, are distinguished Research Scholars at Hood College and co-directors of the Center.

## ACADEMIC COMPUTING AND THE HOOD EXPERIENCE

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Among Hood College's highest priorities is helping its students prepare to functioning productively in a knowledge-based society. With this goal in mind, the College has advanced the role of technology from being one of purely administrative support to one of core importance, both academically and administratively. Hood's successful iPad pilot that now provides an iPad to all undergraduate students is just one example of this support. Every student gets high-speed Internet service, state-of-the-art email functionality, and over 25 GB of file storage without a technology fee. The school enjoys an Internet connection capable of delivering 400 Mb/s in data volume as well as a wireless network supported by access points throughout the campus.

Hood's information technology is accessible on campus from all classrooms and residence hall rooms and off campus via the Internet. Students can use their own computers in their rooms to access the Internet, send email, print documents, consult course materials that professors have placed on Hood's Blackboard Learning Management System, and take advantage of the scholarly resources available on the Internet as well as through Hood College Beneficial-Hodson Library databases. Hood has also embraced the concept of technology-enhanced Living Learning Centers and has placed a small computer lab in each residence hall that includes Windows and Apple technology plus a networked printer. The college also supports off-campus students with network technology that enables these scholars to access all of the information on-campus residents can draw upon.

Hood College features 24 computer labs located throughout the campus and comprised of nearly 400 computers with sophisticated software applications. Nine of the labs are open to all Hood students, while the remaining computer labs focus on specific academic disciplines. Every lab has one or more laser printers. The standard software configuration includes the Windows 7 operating system, the Microsoft Office Suite (Word, Excel, PowerPoint, Access), plus Internet Explorer, Safari, and Firefox web browsers for web-based research. Discipline-specific labs include biology, molecular modeling, general chemistry, mathematics, an organic chemistry instrumentation lab, a geographic information system (GIS) lab, nursing simulators, coastal studies, a Unix computer science lab, communication arts lab, sociology lab, and a video editing lab. All of

these special labs have sophisticated domain-specific software that enhance the learning process and extend students' analytical resources. In 2012 Hood College implemented a Virtual Computer Lab (VCL) to complement existing College labs. The Hood VCL allows all students to access the most widely used software applications from anywhere, on a 24/7 basis.

Hood also continues to refresh instructional technology throughout its classroom buildings. Most learning spaces have a computer, LCD projector, Blu-ray/DVD player, videotape capability and Internet access. This enables faculty and students to incorporate new pedagogical modalities into their lectures and class presentations.

Complementing this technology is an Information Technology Department team that maintains and upgrades campus databases, high-definition (HD) cable entertainment, and phone networks along with Apple and Windows servers, desktops, laptops, iDevices, printers and a wide range of software applications.

# THE SPIRIT OF HOOD

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## COLLEGE LIFE

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Hood believes that living as a member of a community provides the best atmosphere for individual growth, so all students are afforded varied opportunities to participate in and lead activities at the College. Because Hood recognizes that students require both challenges and caring guidance to grow, a full range of student services and activities is available. The College is committed to supporting the personal and social development of all students, recognizing that life beyond the classroom walls is a vitally important part of the college experience.

## HOOD: A PLACE OF HONOR AND RESPECT

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*As a place of honor and respect,* all members of the College assume the obligation to maintain the principles of honesty, responsibility and intellectual integrity in all activities relating to their Hood College experience. It is the responsibility of each student to support these values through maturity of thought, expression and action. Members of the faculty, staff and administration are available to assist students in this process.

## THE ACADEMIC HONOR CODE AND CODE OF CONDUCT

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Academic life at Hood is guided by an honor system. The basic aims of the honor system are: to encourage and promote a trustful relationship among all members of the College community, to offer students the opportunity to exercise responsibilities and shared governance on campus and to make students more aware of their personal principles of honor.

The academic Honor Code is shared between the faculty, administration and the students. A judicial system of students, faculty and administrators considers and adjudicates violations of academic integrity.

### **The Honor Pledge reads as follows:**

“Recognizing the importance and value of the Hood College honor system, I pledge on my personal honor that I will uphold the honor system for the duration of my enrollment at Hood College. Furthermore, I pledge that I will read and make every effort to understand the concepts of the honor system.”

Social behavior is governed by the Code of Conduct. Violations of the Code of Conduct are adjudicated through the Office of Residence Life, the Dean of Student’s Office, Department of Campus Safety and/or student review boards as appropriate to the violation. Student staff members are employed by the Office of Residence Life as resident assistants to assist in reporting violations, although all students retain the rights and responsibilities to report any infractions they witness.

## DEAN OF STUDENTS OFFICE

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The Dean of Students Office supports the mission of the College through strategic planning initiatives that enhance the quality of student life. The staff is committed to providing co-curricular experiences that promote scholarship, service and respect for diversity in a challenging and inclusive environment. Programs and services are designed to retain students and to encourage student leadership, development and lifelong learning.

Working collaboratively with other divisions of the College, the Dean’s Office holds primary responsibility for the overall management of programs and services of the Athletic Department, Office of Student Success and Outreach, Department of Campus Safety, Office of the Dean of the Chapel, Commuter Life Office, Office of Residence Life, Office of Multicultural Affairs and International Student Programs, Student Activities and Orientation Office, Wellness Center (Counseling and Health Services) and the Media Board. The Dean of Students also advises the Hood College Student Government Association (SGA). Through the programs and services of these offices, students are offered a plethora of opportunities for personal and professional growth.

## RESIDENTIAL LIFE

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The residence life program provides students with an opportunity to live with students from diverse backgrounds, encouraging them to learn from others’ experiences. Living in the residence halls helps students learn communication, negotiation and conflict management skills.

There are five traditional-style residence halls on campus (Coblentz, Coblentz Memorial, Meyran, Shriner and Smith) that house between 100 and 145 students each. Smaller language housing options for between five and 12 students each attract students who are interested in a French, German or Spanish living experience. One faculty member from the Department of Foreign Languages and Literatures serves as the language house coordinator. A native speaking student lives in the residence full time. Upperclass Honors Program students are also eligible to reside in Hood’s Honors House, a small community of nine students.

Traditional-aged first-year students and sophomore students are required to live on campus and have roommates unless they are commuting from their parents’ home. Juniors and seniors are eligible for singles on a

space-available basis. Students who feel they have special (medical, psychological and/or disability-related) needs may apply for a single through the special accommodations program. Instructions for requesting such accommodations can be found on the residence life portion of the Hood website.

During the summer prior to their arrival, first-year students are assigned a roommate based on a lifestyle questionnaire. First-year students may request a specific roommate if they know someone else coming to Hood with whom they would like to live. During the spring semester, all current residential students select their rooms and roommates for the upcoming academic year.

Hood's residence halls are part of a shared governance system and residents elect representatives to House Forum through their individual house councils. Students decide when their quiet hours will be and when visitors may be in the halls (within certain minimum guidelines). In addition, the governing bodies of the halls work to provide educational and social activities for their residents.

Resident assistants live on each residence hall floor and are available to students who have personal or academic concerns, are having problems with their roommates or just need advice, guidance or a referral. They plan programs, disseminate information and work to build a positive community on their floor by enforcing College policies. The RAs are supervised by Area Coordinators, professional staff members who live on campus full-time. Responsibilities include community building, shaping positive student behavior, programming, student support and supervision of building staff.

For further information about the residential experience at Hood, please contact the Residence Life Office at ext. 3577.

## COMMUTER LIFE

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Commuter students represent a diverse population. When not attending classes, many commuters spend time in the Whitaker Campus Center.

The Commuter Council serves as the voice of the commuter students on campus and provides programming and services to commuter students. Various members of Commuter Council sit on student government committees and boards, giving voice to and representing commuter interests.

## FIRST-YEAR LIVING-LEARNING COMMUNITIES

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First-Year Living-Learning Communities provide first-year students with a common living and learning experience within specified fields of interest. Students in the program will be housed together by their community in the residence halls and will be required to attend monthly activities and events related to the themes, to participate in student-created programs and service projects, and to write papers reflecting on their learning experiences. In addition, students will be required to enroll in at least one of the designated courses within their communities each semester.

## PARKING

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Vehicle registration and a parking hang tag are required to park on campus. Vehicles registered for the regular academic year do not require an additional tag for the summer session.

A parking hang tag does not guarantee the holder a parking space, which is on a space-available basis. Parking in the Whitaker Campus Center lot is restricted to commuter students, faculty and staff. Vehicles parked in violation will be ticketed. Campus Safety may designate certain areas as no parking zones for snow removal purposes. Vehicle registration forms are available in the Office of Campus Safety and at the switchboard. Please refer to the student handbook for details, or contact the Department of Campus Safety at 301-696-3548.

## STUDENT GOVERNMENT

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All undergraduate, matriculated students are members of the Hood College Student Government Association. The student government at Hood represents the voice of the student body to the faculty and administration and is responsible for overseeing many vital aspects of student life. The HCSGA consists of a student senate, which takes up issues of importance to the student body and enacts legislation; a judicial branch, which is responsible for the academic honor system; and an executive board, which administers the business of the student government and oversees its committees.

The Campus Activities Board schedules, coordinates and implements a plethora of programs and social activities for students. The Finance Committee allocates the student activities fees to support the administration and programs of the organizations under its auspices. House Forum oversees the governance of the residence halls, working with the director of residence life to implement policies and procedures, while Commuter Council, working with the director of commuter life and student activities, oversees the Commuter Student Union and its programs. The Academic Affairs Committee has members serving on or observing at many academic committees of the College, representing student views. The Student Life Committee serves as another voice for students regarding individual or group concerns. The dean of students serves as adviser to HCSGA.

## STUDENT ORGANIZATIONS

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Clubs and organizations provide students with opportunities to meet others with similar interests as well as to develop leadership, organizational and management skills. A wide variety of clubs and organizations are available. In addition, a number of student groups and honorary organizations are sponsored by departments of the College. Each year, as new students with new interests join the Hood community, new clubs and interest groups are formed.

For a list of clubs, organizations and interest groups currently active on the Hood campus visit [www.hood.edu/studentorganizations](http://www.hood.edu/studentorganizations).

**Honor Societies**

Alpha Delta Pi	Phi Alpha	Sigma Phi Omega
Alpha Lambda Delta	Phi Alpha Theta	Who's Who
Alpha Psi Omega	Phi Kappa Phi	
Beta Beta Beta	Pi Delta Phi	
Gamma Sigma Epsilon	Pi Mu Epsilon	
Ionic Society	Pi Sigma Alpha	
Kappa Delta Pi	Psi Chi	
Mortar Board	Sigma Beta Delta	
Omicron Delta Epsilon	Sigma Delta Pi	

**STUDENT ACTIVITIES**

Through both classroom and extracurricular activities, Hood stresses the development of leadership skills. Hood students are encouraged to develop the skills they need to become effective contributors to their families, professions, communities and society. Noncredit workshops and programs, in addition to credit coursework, offer strong support for the development and acquisition of leadership skills and knowledge. Training is provided for key leaders by selected offices in the division of Student Life.

**EDUCATIONAL ACTIVITIES**

Through various programs, departments and student organizations, a wide variety of special events and lectures is offered every year. In past years, events and speakers have included Joan Biskupic, Washington Post Supreme Court reporter; U.S. Supreme Court Justice Sandra Day O'Connor; Jack Kemp, former New York senator and vice presidential candidate; the Morgan State University Choir; Jonathon Kozol, national education expert; James Billington, Librarian of Congress; Barbara Fields, Civil War historian; Susan O'Malley, president of the NBA's Washington Wizards; Marian Wright Edelman, author and children's rights advocate; Anne Crittenden, best-selling author; Cornel West, author and professor at Princeton University; and Sr. Helen Pr jean, activist.

**RELIGIOUS AND SPIRITUAL LIFE AT HOOD**

The Dean of the Chapel offers support to students, staff and faculty of all spiritual backgrounds. Along with individual pastoral care and spiritual direction, there are a variety of opportunities for religious activity, spiritual exploration and worship with various faith communities at the college and in the greater Frederick area. Each fall students are invited to visit area faith communities to find a spiritual "home away from home." Every semester brings new possibilities for spiritual nurture and growth. Some of these include Bible studies, a meditation group, spiritual direction, service projects, prayer and pastoral care.

Christian chapel services with an interfaith theme are held weekly during the school year and interfaith prayer services occur throughout the year commemorating celebrations like Thanksgiving and Holocaust Remembrance Day (Yom Ha'Shoah.) There are chapters of Intervarsity Christian Fellowship, Fellowship of Christian Athletes, Young Life, Muslim Student Association, Hillel Jewish student association, and a secular humanist group as well as other informal student lead groups.

Other events during the year include a campus-wide Ramadan feast, a Sukkot booth on the Quad, Holiday Candlelight Vespers service, Ash Wednesday observance, Liberation of the Black Mind worship service, to name a few. Hood's Gospel Ensemble combines faith, music and fellowship in their rehearsals and concerts.

A Baccalaureate Service closes each year with a celebration of faith and learning. Hood College maintains its historic connection with the United Church of Christ, a Protestant denomination, while honoring the rich diversity of faith expressions on our campus..

**INTERCOLLEGIATE ATHLETICS**

The Athletic Department at Hood College is proud to adhere to the philosophy of the National Collegiate Athletic Association, Division III. Hood College is a member of the Commonwealth Conference of the Middle Atlantic Conferences (MAC). The MAC sponsors 23 conference sports that include student-athletes from 17 schools spanning two leagues - the Commonwealth Conference and the Freedom Conference. As a member of the Commonwealth Conference, Hood will compete against Albright College, Alvernia University, Arcadia University, Lebanon Valley College, Lycoming College, Messiah College, Stevenson University and Widener University in the team sports of baseball, basketball, field hockey, lacrosse, soccer, softball, tennis and volleyball. The individual sports, such as cross country, men's golf, swimming and track and field, will compete against both the Commonwealth Conference schools as well as the Freedom Conference schools. The Freedom Conference is comprised of Delaware Valley College, DeSales University, Eastern University, Fairleigh Dickinson University, College at Florham, Kings College, Manhattanville College, Misericordia University and Wilkes University.

Hood College athletics are designed to contribute to the student's overall educational experience. Each athletic program is conducted in a manner

designed to protect and enhance the physical, educational and spiritual well-being of the student-athlete.

Those interested in women's intercollegiate competition can compete in baseball, basketball, cross country, field hockey, lacrosse, soccer, softball, swimming, tennis, indoor and outdoor track and field and volleyball.

Men's intercollegiate sports include basketball, cross country, golf, swimming, soccer, lacrosse, indoor and outdoor track and field and tennis. An equestrian team, women's golf and cheerleading are also offered as club sports.

Two full-time certified athletic trainers work with athletes and coaches in all phases of sports medicine including off-season and in-season strength and conditioning. The intercollegiate athletic program at Hood College complements and enhances the learning experience inherent in a liberal arts education. The program provides the opportunity for athletes to excel physically, emotionally and spiritually. Each athlete is challenged to appreciate and respect individual differences, to work collaboratively to achieve a common goal and to strive for excellence.

To be eligible to participate in intercollegiate sports, a student must be enrolled for at least 12 credits, be in good academic standing and maintain a cumulative 2.0 G.P.A. Students on academic or social probation are not permitted to participate in varsity or club sports.

## RECREATION

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Recreational activities are provided for members of the Hood College community—students, faculty and staff. A wide variety of activities is offered in response to participant interest. Community and area facilities are used for activities such as skiing, rafting and golf. On-campus facilities are used for activities such as aerobics and volleyball. Fitness equipment in the Hodson Fitness Center is available for use by all members of the Hood College community (students, faculty and staff with a Hood College ID card). The swimming pool, outdoor volleyball court, turf field and tennis courts are also available for recreational use upon availability.

# STUDENT SERVICES

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Hood College offers a variety of support services to assist students in their transition into the college environment. Students enjoy the personal attention that our close-knit community provides.

## ACADEMIC SERVICES

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The Josephine Steiner Center for Academic Achievement and Retention offers a variety of services and programs to the entire Hood College community to assist students who want to be more effective and efficient learners.

### ACADEMIC ADVISING

The most important thing to remember about a student's place in the advising system at Hood is that he or she must take ultimate responsibility for academic planning—of each semester, of each academic year and of degree completion.

Students are encouraged to explore various subjects or disciplines during their first year and a half at Hood. During that time they are advised by the Freshman-Sophomore Advising Group, a designated group of faculty who have expressed interest in working with students before they declare a major. Students must declare a major by the end of their sophomore year by completing the appropriate form with the Office of the Registrar. Transfer students who declare their major upon entering Hood are assigned an academic adviser in their major field. Transfer students who have not declared a major are assigned to a faculty adviser in the Freshman-Sophomore Advising Group.

### IMPROVEMENT OF BASIC SKILLS: READING, WRITING, MATHEMATICS

The Center for Academic Achievement and Retention staff evaluates all new students' basic skills. The following courses are offered to students who need to improve their skills: GNST 099 and GNST 101; and MATH 098 and MATH 099. Tutoring may be recommended to meet specific needs.

Through CAAR, students can receive help when studying math and when writing papers. Tutoring days and times are posted on the bulletin board outside CAAR (RO 330).

### PLACEMENT TESTING

Placement tests, also referred to as the Basic Skills Inventory, are required of all first-year students and are administered online by The Center for Academic Achievement and Retention. All first-year students are required to take placement tests in the following three academic areas:

**Composition** (Required of students who earned 6, 7 or 8 on the SAT Essay and students who did not take the SAT essay. Not required if ENGL 101 credit is transferred or a score of 4 or 5 is achieved on the AP Language/Composition Test)

**Mathematics** (Required unless credit for a college-level mathematics

course is transferred or a score of 4 or 5 is achieved on the AP Calculus Test)

### Foreign language\*

(Students can take French, Spanish, or German placement tests online. The Latin and Hebrew placement tests are administered in The Center for Academic Achievement and Retention.)

Placement tests are generally not required of transfer students with an A.A. degree. However, if the student does not have the required prerequisites for college-level mathematics classes, the Math BSI will be required.

*\*Please contact The Center for Academic Achievement and Retention at 301-696-3569 if you wish to take a placement test for a language other than French, Spanish or German.*

### ENGLISH AS A SECOND LANGUAGE

International students who have a strong command of English but need additional language enhancement may enroll in ENGL 100E/Advanced ESL Skills, which focuses primarily on advanced-level academic writing.

### STUDENTS WITH DISABILITIES

Hood College actively supports the rights of students with disabilities to have equal access to education. In accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Hood makes every reasonable effort to accommodate the needs of students with diagnosed disabilities.

Students with disabilities who will need accommodations must notify the Disability Services Coordinator as soon as possible. Early notification prevents delay in the initiation of services and ensures the student full access to educational activities. Students should present documentation of a disability from a medical professional, and this documentation should state accommodations the student requires to participate fully in the educational programs at Hood College. The Disability Services Coordinator will meet with the student to prepare an individualized plan for services. The student is then prepared to take on the responsibility of advocating for herself or himself.

## CAREER SERVICES

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The Catherine Filene Shouse Career Center provides a range of services and resources to members of the Hood Community. The Center offers assistance at all stages of the career exploration and decision-making process.

- Individual career assessment and counseling;
- Direction in finding community service opportunities with the local non-profit community;
- Guidance in locating an internship experience;
- Extensive online system of job and internship opportunities;
- Graduate, law and medical school guidance and assistance;

- Mentoring opportunities with alumnae and alumni;
- Workshops and fairs on career-related topics;
- A large career library.

Visit [www.hood.edu/careercenter](http://www.hood.edu/careercenter) for more information.

## MULTICULTURAL ENVIRONMENT

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Hood College is committed to enrolling a diverse student population. Through various offices within the divisions of academic and student life, the College provides services to promote understanding among all students. The Office of Multicultural Affairs and International Student Programs (OMA/ISP) provides programs for students and supports activities for African-American, Hispanic, Asian, Native American and international students and organizations such as the International Club, Black Student Union and La Comunidad. The AHANA-I Buddy Program pairs upperclass students with new students to aid in the transition to campus life. To meet the needs of the growing number of students from other countries, the director of OMA/ISP assists these students in making the adjustment to a new country and in achieving their educational objectives. Housing during Thanksgiving, winter and spring breaks is available at no cost for international students. Housing during summer is available on a priority basis at a nominal cost.

## COUNSELING SERVICES

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The Counseling Center offers services by licensed clinical staff to support students in realizing maximum benefit from both their academic and their out-of-class learning experiences. A consulting psychiatrist is available weekly for psychiatric evaluations, medication concerns and local referrals.

Services provided by the Counseling Center include: brief, supportive counseling; crisis management; consulting and referral services; support groups; mediation; self-help brochures and lending library; and wellness and psycho-educational programs to increase self-knowledge and teach skills that will enhance emotional well-being. In addition, we offer consultation with faculty, staff, administration and the local community regarding mental health issues.

## HEALTH CENTER

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The Health Center is staffed by a team of health care professionals, including two registered nurses, a certified nurse practitioner and a board certified doctor of internal medicine. Medical and gynecological appointments are available Monday through Friday while classes are in session.

All registered students are eligible for services at the center. All undergraduate traditional-age (under 25 years) full-time students are

required to have medical information, including a physical examination and immunization records, on file at the Hood College Health Center. Copies of the required health forms may be found on the Hood website at <http://www.hood.edu/Campus-Life/Health-Center/forms.html>

All medical records are confidential. Access to information is limited to authorized health center personnel, unless the student gives written consent or upon receipt of court-ordered subpoena. Medical records are destroyed seven years post-graduation or withdrawal.

The center operates on a wellness model, focusing on preventive care and education to help students develop skills to maintain a healthy lifestyle. The center staff provides outpatient care for illnesses and injuries as well as referrals for services beyond the scope of the center. Nursing staff members are available for consultation for faculty and staff.

# UNDERGRADUATE STUDIES

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## UNDERGRADUATE ADMISSION TO HOOD

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Admission to Hood College is competitive and is offered to students who have outstanding academic credentials and personal characteristics indicating they will contribute to the diversity and richness of the campus. Applicants are selected on the strength of their academic record, standardized test (optional) scores, character and leadership potential and co-curricular activities.

### UNDERGRADUATE ADMISSION OPTIONS

Hood offers four different avenues for admission to its undergraduate programs:

**First-year student admission** —intended for students who are in secondary school, or who have graduated recently from high school and have never enrolled at another college;

**Transfer admission** —intended for students who have graduated from secondary school and have matriculated at another college or university;

**International student admission** —intended for students who are not citizens of the United States and have graduated from secondary school or are looking to transfer from another college or university;

**Hood Start** —a program for exceptional high school juniors and seniors that allows them to take college courses for credit while in high school.

### Campus Visits

Campus visits are encouraged for all prospective students. The undergraduate Admission Office schedules appointments for interviews and campus tours, and also hosts numerous campus visit programs through the year. Campus visits may be arranged online at [www.hood.edu/visit](http://www.hood.edu/visit) or by contacting the Office of Admission at 301-696-3400.

Contact information for undergraduate admission at Hood is as follows:

[www.hood.edu](http://www.hood.edu)

Toll-free: 800-922-1599

Telephone: 301-696-3400

Fax: 301-696-3819

Email:

[admission@hood.edu](mailto:admission@hood.edu)

[transfers@hood.edu](mailto:transfers@hood.edu)

[international@hood.edu](mailto:international@hood.edu)

### Applying for Admission—First-year students

Hood College requires the following items as part of its first-year application process:

- A completed application for admission. The application is available online at [www.hood.edu/apply](http://www.hood.edu/apply) or [www.commonapp.org](http://www.commonapp.org).

- A \$35 application fee (the fee will be waived for students submitting an online application). Applicants who are not able to pay the fee due to financial circumstances may request a fee waiver by having their high school guidance counselor submit an official Fee Waiver request on their behalf.
- A Secondary School Report form, completed by the student's guidance counselor.
- A letter of recommendation from a counselor or teacher the student has had in an academic courses.
- Official high school transcript, sent directly from the high school to the Office of Admission.
- Official results of the SAT or ACT examination (unless the student is applying Test-Optional. See below). If the test scores appear on the high school transcript, the student will not need to submit additional score reports.
- An essay is required. Topics are listed on the application for admission.

In some cases, the Admission Office may request additional supporting information in order to reach a final admission decision.

All applicants for first-year student admission are expected to have completed a full college preparatory curriculum, including the following:

- 4 credits of English
- 3 credits of mathematics, 4 credits preferred (including at least Algebra I and II and geometry)
- 3 credits of laboratory or natural science
- 3 credits of social science
- 2 credits of the same foreign language
- one academic elective

For information regarding International Baccalaureate, Advanced Placement, credit by examination and transfer credit policies, please see *Undergraduate Academic Policies* (p. 35).

### Test Optional Policy

Hood College evaluates students on the basis of their academic preparation, talents, and interests, as well as Hood College's ability to help them achieve their educational and career goals. Understanding that standardized test scores may not be the best indication of an academically prepared student, Hood College offers the Test Optional Choice.

Test Optional Choice candidates will be evaluated based on the rigor of the high school curriculum, GPA, class rank (if available), letters of recommendation, essay and extracurricular and community activities. An on-campus interview is highly recommended. Interested applicants should have a minimum GPA of 3.25 on a 4.0 scale.

### Applying for Admission—Home-schooled Students

Hood College recognizes that a growing number of students and families may choose a home-schooling alternative in place of a traditional secondary school experience. In order to accurately assess a home-

schooled applicant’s likelihood of success at Hood, we will require several forms of documentation in addition to the usual application materials.

Applicants for admission to Hood College who have completed some or all of their secondary education in a home-schooling environment will be required to submit the following:

- A transcript of all high school-level work, evaluated, signed and approved by a certifying home school agency or evaluator.
- Two letters of recommendation (with at least one from outside the home)
- An admission interview
- Official transcript of any college work completed or in progress.

If the student does not have a high school diploma or has not completed high school, we will require the results of an official GED examination. The Departments of Education in several states (notably, Pennsylvania, Virginia, Maryland, West Virginia, Delaware, New Jersey, New York and the District of Columbia) do not recognize a home schooling certificate as an equivalent to a high school diploma. The College must be able to certify that all degree-seeking students hold a high school diploma or its equivalent, or have proven the ability to benefit from a college education.

### Transfer with Ease

Hood welcomes transfer students at every stage in their academic and professional lives. Our transfer agreements with other colleges help ease the admission process and guide students in their efforts to take appropriate courses prior to transferring to Hood. Students transferring to Hood from a community college are encouraged to enroll in classes that meet requirements for an Associate of Arts, Associate of Science, or an Associate of Arts in Teaching degree

Community college students are urged to consult their transfer counselor concerning transfer agreement and course equivalencies, or contact the Office of Admission.

The registrar evaluates prior college coursework after the point of admission for applicability to degree requirements at Hood College. Credit is generally awarded for courses that are clearly applicable to a baccalaureate degree and for which the student earned a grade of C- or above. Courses that are clearly vocational or occupational in nature will not be accepted as credit toward the baccalaureate degree. A maximum of 62 credits may be awarded for freshman and sophomore level work completed elsewhere. Although there is no limit for junior and senior level coursework, students will be awarded no more than a total of 94 credits for all college-level work completed.

For detailed information on transfer credit policies, see *Undergraduate Academic Policies, Transfer Policy* (p. 44).

### Applying for Admission—Transfer Students

Students who have an enrollment record at any college after their graduation from high school are considered a transfer student and should use the transfer application. Any student with a college GPA and more than 11 transferable credits at the time of application will be evaluated primarily on the basis of their prior college record. Transfer students should submit the following materials for consideration:

- A completed Hood College transfer application. The Hood application can be found at [www.hood.edu/apply](http://www.hood.edu/apply). There is no fee for this online application.
- Official college transcript(s), sent directly from the college or university registrar to the Office of Admission.

- If you have been placed on probation, suspended, had disciplinary action or been dismissed from a college or university, you may be required to submit the College/University Report for Transfer Students, completed by the academic adviser, registrar or dean of students at the student’s most recently-attended institution.

Completed College Credits	Type of Application	Required Materials
24+	Transfer	Official transcripts from all colleges attended
0-23	Transfer	Official transcripts from all colleges attended, official high school transcript, official SAT and/or ACT scores if graduation from high school was less than three years ago

### Applying for Admission—International Students

Application deadlines for all international students: Fall – June 15, Spring – November 15

International students, whether in the United States or abroad, may apply for admission as a first-year student or transfer student. International applicants are encouraged to submit their applications online. Applicants should note that all documents submitted as part of the admission process become the property of Hood College and will not be returned.

**International first-year student applicants must** have completed their secondary education or plan to complete it by the semester prior to enrollment. Applications that include all of the materials listed below will be reviewed for admission:

- A completed Hood College Application or Common Application ([www.commonapp.com](http://www.commonapp.com)) for admission. Please remember to include an email address with your application to help make future communication easier. The Hood application is available in paper or electronic versions. The electronic version can be found at [www.hood.edu/apply](http://www.hood.edu/apply).
- A writing sample. This can be an essay on a topic of your choice or a previously graded paper.
- Academic Recommendations. Applicants will need two (2) letters of recommendation. One (1) from a guidance director, guidance counselor, principal, or headmaster, and one (1) from an academic instructor from your most recent place of study. If you are currently enrolled in an English as a Second Language (ESL) program, please have your ESL instructor provide your recommendation
- Official Secondary School (High School) Transcript. Effective immediately, international transcripts will only be accepted for consideration at Hood College if they have been translated and evaluated by a professional organization. We require a course- by-course evaluation. Please visit National Association of Credential Evaluation Services or Hood’s website for a list of acceptable credit evaluation agencies.
- Official TOEFL Profile, IELTS Profile, SAT Profile or ACT Profile TOEFL minimum score of 79-80 Internet based/550 paper based/213 computer based, IELTS minimum score of 6.5, SAT minimum score 1050 composite (critical reading and math sections) or ACT minimum of 22 composite. TOEFL or IELTS are the preferred tests

for students from non-English speaking nations. Students with scores below these numbers may also apply.

- Financial Information:
  - If applying for an F-1 visa, you must complete the Hood College Undergraduate International application and provide the requested financial information.
  - If applying as a student under an immigration status other than permanent resident, please contact the Admission Office for details about which materials you may be required to submit.
  - A student may choose to use the College Board International Student Financial Aid Application and International Student Certification of Finances form to explain their financial situation, as long as they also submit supporting documents such as bank statements.

Optional information that will facilitate the admission decision:

- While not required, an additional essay on a topic of your choice and recommendation(s) from academic instructor(s) about your performance and ability will facilitate the admission decision.

## International Transfer applicants

Applications that include all of the materials listed below will be reviewed for admission:

- A completed Hood College Transfer Application and the International Transfer application supplement. Please remember to include an email address with your application to help make future communication easier. The Hood application is available in paper or electronic versions. The electronic version can be found at [www.hood.edu/admission](http://www.hood.edu/admission).
- A writing sample. This can be an essay on a topic of your choice or a previously graded paper.
- Official copies of all College/University Transcripts. Effective immediately, international transcripts will only be accepted for consideration at Hood College if they have been translated and evaluated by a professional organization. We require a course-by-course evaluation. Please visit National Association of Credential Evaluation Services at Hood's website for a list of acceptable credit evaluation agencies.

The following documents are required if you have less than 24 transferable college credits:

- Official secondary school (high school) transcript along with secondary school report form. Effective immediately, international transcripts will only be accepted for consideration at Hood College if they have been translated and evaluated by a professional organization. We require a course-by-course evaluation. Please visit National Association of Credential Evaluation Services or Hood's website for a list of acceptable credit evaluation agencies.
- Academic Recommendation. Recommendations should be from a teacher or professor at the most recent college or university attended.
- Official results of the SAT (minimum composite score of 1050) or ACT (minimum composite score of 22) examination if the student's first language is English.
- Official TOEFL Profile, IELTS Profile, SAT Profile or ACT Profile. TOEFL minimum score of 79-80 Internet based/550 paper based/213 computer based, IELTS minimum score of 6.5, SAT minimum score 1050 composite (critical reading and math sections) or ACT

minimum of 22 composite. TOEFL or IELTS are the preferred tests for students from non-English speaking nations. Students with scores below these numbers may also apply.

- Financial Information:
  - If applying for an F-1 visa, you must complete the Hood College Undergraduate International application and provide the requested financial information.
  - If applying as a student under an immigration status other than permanent resident, please contact the Admission Office for details about which materials you may be required to submit.
  - A student may choose to use the College Board International Student Financial Aid Application and International Student Certification of Finances form to explain their financial situation, as long as they also submit supporting documents such as bank statements.

Optional information that will facilitate the admission decision:

- While not required, an additional essay on a topic of your choice and recommendation(s) from academic instructor(s) about your performance and ability will facilitate the admission decision.

## Hood Start

The Hood Start program allows exceptional high school juniors and seniors to get a head start on the college academic experience, earning college credits while in high school. The program is designed to help students become familiar with academic work at the college level and to interact with College faculty. Depending on their high school schedule, Hood Start students typically take 1-3 classes per semester. A maximum of 18 credits may be earned through the Hood Start program. Hood Start students may not exceed 11 credits in any given semester. Enrollment is on a space available basis.

Students may enroll in the fall, spring or summer semesters, and have the opportunity to discuss academic goals and post-secondary options with a Hood College academic adviser. Most classes at the 100- and 200-level are open to Hood Start students; they may enroll in 300-level courses when the prerequisites have been met or with permission of the instructor. Hood Start students pay reduced tuition at \$155 per credit and are responsible for additional fees (lab, music practice rooms, parking permit), required course material and books.

### Hood Start Admission Requirements:

- Be a high school junior or senior.
- Have a cumulative unweighted grade point average of 3.50 or greater in a college preparatory, honors, Advanced Placement or International Baccalaureate curriculum.
- Have a minimum composite SAT score of 1150 (critical reading and math sections), a comparable PSAT score, a composite ACT score of 25, or comparable PLAN score.

### Hood Start applicants will be required to:

- Complete a Hood Start application form and essay.
- Submit a transcript of high school work.
- Submit SAT, PSAT and/or ACT score reports.
- Submit School Report/Counselor Evaluation.
- Submit Teaching Recommendation from an academic teacher who has taught you during the past two years.

- Have a personal interview with either the Hood Start coordinator in the Office of Admission.

Hood Start students are guaranteed admission into Hood College upon successful completion of Hood Start classes and high school degree requirements. Students interested in the Hood Start program must apply through the Admission Office; for information contact 301-696-3400, admission@hood.edu or www.hood.edu.

Complete and submit the Hood Start application by: Fall semester – August 15, Spring semester – December 15

### Application Deadlines and Reply Dates

Admission to Hood College is offered on a rolling basis. Students applying for the fall semester are encouraged to apply before January 1st. Applications for the spring semester should be received by December 1st.

### Enrollment Deposit

To confirm enrollment at Hood, all new undergraduate students are required to pay a one-time enrollment deposit. The enrollment deposit is \$350. An additional housing deposit of \$300 is required for all students who reside on campus. The deposits are applied in-full to tuition, housing and fees.

The deadline for payment of the enrollment deposit is May 1 for the fall semester and December 15 for students starting in the spring semester. The enrollment deposit is not refundable after these dates.

### Appeal Process

Our admission process for first-year, transfer and international students entails a thorough, review of each application. It is unusual for a decision to be reversed. The Office of Admission will review a written appeal if the applicant can provide significant new information to consider. If there are grounds for an appeal because of new information, please follow the steps outlined below:

#### Appeal Process:

1. Appeals must be made in writing within 14 days of receiving notification of the initial admission decision. Appeals should be sent to the attention of the Director of Admission.
2. Appeals must be accompanied by supporting documentation such as new grades, updated standardized test scores, additional letters of recommendation, or other appropriate documentation.
3. Appeals will be reviewed by the Director of Admission and other members of the Hood College staff and/or faculty as needed.
4. A decision on an appeal will generally be made within 30 days of receipt of the written appeal.
5. The final decision on all appeals will be made by the Vice President for Enrollment Management.
6. An applicant may only appeal their admission decision one time.
7. An applicant denied admission may apply in a subsequent year with new information to their application.

### Deferred Admission

Students are admitted for the term for which they originally applied, unless they notify the Admission Office that they are unable to enroll for that term due to unusual or personal circumstances. Admitted students are permitted to defer their enrollment for up to 12 months, provided

they do not alter their original admission status by completing additional coursework at another institution in the interim. Students who are deferring their admission must pay the enrollment deposit to hold their space in the class.

If an admitted student defers enrollment, and then attends another institution (whether coursework is completed or not), that student will need to be re-evaluated for both admission and for merit scholarships.

### Equal Access for Students with Disabilities

Hood College actively supports the rights of students with disabilities to have equal access to education. In accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Hood makes every reasonable effort to accommodate the needs of students with disabilities.

In order to receive appropriate advice and accommodations, students who have a disability must notify The Josephine Steiner Center for Academic Achievement and Retention as soon as possible. Early notification prevents delay in initiation of services and ensures the student full access to educational activities. The disability services coordinator and/or the medical staff, in consultation with the student, prepares a plan for services and forwards authorization for specified services (such as note-taking, interpreting, special housing) to the appropriate offices on campus.

## UNDERGRADUATE TUITION AND FINANCIAL AID

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### COSTS

#### Tuition, Fees and Other Charges for the 2014-2015 Academic Year

##### Costs

##### Tuition, Fees and Other Charges for the 2014-2015 Academic Year

Refer to Tuition and Fees at <http://www.hood.edu/accounting> for future pricing information.

All fees listed are per semester.

FULL-TIME UNDERGRADUATE	RESIDENT	COMMUTER
Tuition - 12 to 18.5 credit hours	\$ 16,810	\$ 16,810
Room - Shared	\$ 3,040	
Room - Single	\$ 3,425	
Room - Apartment	\$ 3,170	
Board - Unlimited 19-meal plan (required of first-year students)	\$ 2,765	
Board - 15-meal plan	\$ 2,690	
Board - 10-meal plan	\$ 2,620	
Board - Commuter & off-campus resident meal plan		\$795
Comprehensive Fee	\$ 250	\$250

**PART-TIME  
UNDERGRADUATE**

Tuition per credit hour	\$975
Audit Fee per credit hour	\$485
Comprehensive Fee	\$160
Comprehensive fee per term	\$100 (winter, summer I, summer II)
Hood Start	\$155 per credit

Payment of tuition, fees and other charges is due generally one week before the start of the fall and spring semesters and by the first day of class for the summer terms. Students registering after the deadline must make payment at the time of registration. Students may pay their tuition using the Monthly Payment Plan. Information on this option can be found at [www.hood.edu/paymentplan](http://www.hood.edu/paymentplan) or by calling the Accounting Office at 301-696-3609.

**Referral to Collection Agency**

By registering for classes, the student agrees that in the event the student becomes delinquent or defaults in paying charges due to Hood College, the student agrees to reimburse Hood College the fees of any collection agency, which may be based on a percentage at a maximum of 33 1/3% of the debt, and all cost and expenses, including reasonable attorney’s fees, Hood College incurs in such collection efforts.

**WITHDRAWAL FROM THE COLLEGE AND REFUND POLICY**

**Fall and Spring Semesters**

Students who withdraw from Hood will have their fall and spring semester charges adjusted according to the schedule below:

<b>If a student withdraws from the College:</b>	<b>Tuition</b>	<b>Board</b>
Prior to beginning of the semester	100 percent	100 percent
Within the 14 calendar days from the first day of the semester	80 percent	pro rata weekly

*(See the current College calendar (p. 3) for the actual dates.)*

There are no refunds of the room fee after the first day of classes. There are no refunds of tuition after the end of the drop-add period. Refunds of the board fee are continued on a pro rata weekly basis throughout the semester. There are no refunds of any fees (comprehensive, academic records, course audit, student teaching, parking or student health insurance) once the semester has begun. This refund policy applies to students who withdraw from the College and to those who take a leave-of-absence during the semester.

Withdrawal refunds are determined by the effective date noted on the Change of Status or Leave of Absence Form filed with the Registrar’s Office for undergraduate students and the written withdrawal files with the Graduate Office for graduate students.

The Office of Financial Aid is required to recalculate federal financial aid eligibility for students who withdraw. Up through 60 percent of the semester, a pro rata schedule is used to determine how much federal aid a student has earned at the time of withdrawal. The portion of unearned

aid must be returned to the federal programs. When unearned aid is returned, a student may owe the College additional funds.

**Summer Terms**

<b>One-week and two-week terms</b>	<b>Tuition</b>
Prior to first meeting of class	100 percent
Within the first 2 days from the first day of the term	80 percent
3rd day and thereafter	no refund
<b>Three-week and four-week terms</b>	
Prior to first meeting of class	100 percent
Within the first 4 days from the first day of the term	80 percent
5th day and thereafter	no refund
<b>Five-week and six-week terms</b>	
Prior to first meeting of class	100 percent
Within the first 7 calendar days from the first day of the term	80 percent
8th calendar day and thereafter	no refund

**THE NEED-BASED FINANCIAL AID SYSTEM**

For students whose personal and family resources are insufficient to meet their total educational expenses, Hood administers both need-based and non-need-based financial aid and offers personalized assistance in obtaining other educational resources from outside sources.

Hood College determines the type and amount of aid students may receive by evaluating the student’s financial need and availability of funds. Eligible students receive awards on a first-come, first-served basis.

**Financial Need**

To determine a student’s financial need, the student must complete the Free Application For Federal Student Aid (FAFSA). Need for financial aid is determined by the following calculation:

**Cost of Attendance (COA) Less Expected Family Contribution (EFC) Equals Financial Need**

To determine the EFC, the calculation formula used is the Federal Need Analysis set by the U.S. Department of Education. Factors that are taken into consideration include: family size, number of students in college, income and assets of both the student and parents and the age of the oldest parent.

Complete the FAFSA fully and carefully to avoid delays in processing. FAFSA forms should be submitted online no later than February 15 to receive full consideration for all types of need-based aid. For Hood College to receive FAFSA results, list Hood’s school code, 002076, on the application.

**Financial Aid Package**

After financial need is determined, the Office of Financial Aid can begin to put together a financial aid “package.” Each student’s financial situation is different, so each financial aid package is unique. A financial aid package will include one or more types of financial aid. The most

common types of financial aid include: scholarships, grants, loans and work-study.

All need-based financial aid awards are made in accordance with three criteria: enrollment in a degree-granting program at Hood College, demonstrated financial need and the student's ability to maintain satisfactory academic progress. For many of the need-based financial aid programs, students must be enrolled for at least 6 credits per semester. In addition, for a student to be eligible for any federal financial aid, the student must be a U.S. citizen or permanent resident of the United States; have a high school diploma or equivalent; not be in default on a Federal Perkins Loan or Federal Stafford Loan; and be registered with Selective Service (if required).

Students who qualify for financial aid are notified in the form of a financial aid award letter.

This award letter is sent to admitted students in the spring prior to the academic year for which financial assistance is sought. Continuing students will receive their award letters beginning in April prior to the fall semester upon receipt of their renewal application for financial aid and any other required documents.

All financial aid forms are located on the Financial Aid page of the Hood website.

## **Financial Aid Programs**

### **Federal Pell Grants**

Awarded to undergraduate students with demonstrated financial need. Prorated awards may be made to eligible part-time students. Students must be pursuing their first baccalaureate degree.

### **Federal Supplemental Educational Opportunity Grant (FSEOG)**

Awarded to undergraduate students with the greatest demonstrated financial need. Students must be pursuing their first baccalaureate degree.

### **Hood Grants**

Awarded to full-time undergraduates who demonstrate financial need. Funding is limited. Students must be pursuing their first baccalaureate degree upon initial enrollment.

### **Federal Perkins Loans**

Loans for undergraduate students demonstrating financial need are made at 5 percent simple interest. No interest accrues while in school and repayment does not begin until nine months after the recipient leaves Hood College. Loans are dependent upon financial need.

### **Federal Work Study Program**

This federally-funded need-based employment program enables eligible undergraduate students to earn money for miscellaneous expenses while gaining practical experience in on- and off-campus jobs.

### **Campus Employment**

Awarded to students who are not eligible for federal work-study. Funded and administered by Hood College. Limited number of positions are available.

### **Federal Direct Subsidized Loan**

A need-based student loan program offered to undergraduate and graduate students. The interest rate is fixed. No interest accrues and generally no payments are due while a student is enrolled on at least a half-time basis. Repayment generally begins six months after leaving Hood College.

### **Federal Direct Unsubsidized Direct Loan**

A non-need-based student loan program offered to undergraduate students. The interest rate is fixed. The six-month deferment applies only to repayment on the principal. Interest accrues when the loan is disbursed. Students are mailed quarterly interest statements at which time they may elect to pay the interest.

### **Federal Direct PLUS Loan**

Parents may borrow up to the cost of education, minus any financial aid received, for each dependent undergraduate student. The interest rate is fixed. Repayment on principle and interest begins when the loan is disbursed, however deferment options are available.

### **Maryland State Scholarship Program**

The Maryland Higher Education Commission offers several need-based scholarships and grants for Maryland residents. The scholarships and grants most frequently awarded to Hood students include, but are not limited to, the Educational Assistance Grant, the Guaranteed Access Grant, Senatorial Scholarship and Delegate Scholarship. In order to be considered for a Maryland State Scholarship, a student must file the Free Application for Federal Student Aid (FAFSA) by March 1. Some state scholarships may have additional application requirements. Please check with the Maryland Higher Education Commission-Student Financial Assistance at 800-974-0203 or [www.mhec.state.md.us](http://www.mhec.state.md.us).

### **Veterans' Educational Benefits**

Hood College serves as a liaison/informational resource to veterans by providing Veterans Administration forms and certifying military students for benefits. To initiate or continue benefits, veterans must contact the Registrar's Office, 301-696-3616, at the beginning of each semester to complete the required paperwork, in compliance with the policies and procedures established by the registrar and the Veterans Administration. Information and application forms may be obtained from the Registrar's Office located on the second floor of the Joseph Henry Apple Academic Resource Center.

## **Satisfactory Academic Progress Requirements for Financial Aid (SAP)**

### **Process Overview and Responsibilities**

In accordance with the U.S. Department of Education, the Office of Financial Aid at Hood College monitors undergraduate and graduate students after the spring semester each academic year for successful completion of satisfactory academic progress (SAP) standards. For financial aid eligibility, terms are defined as fall, spring and summer. All students are measured on qualitative (grade-based) and quantitative (time-based) standards. Students who fail to meet SAP standards are not eligible for any financial aid unless an appeal is granted. Students who fail to meet SAP standards can only appeal one time and change their major one time.

Programs affected by not meeting SAP standards include: Federal Pell Grant, Federal Direct Loans (Subsidized and Unsubsidized), Federal Plus Loans, Federal SEOG, Federal Work Study, state grants and scholarships, and institutional scholarships.

### **Qualitative Standards (Grade-based)**

Qualitative standards measure a student's quality of performance in terms of GPA, including basic skills courses (reading, writing, mathematics).

Each semester a student must meet the following cumulative GPA standard:

Total Hours Attempted	Minimum GPA Requirement
1-25	1.50 GPA
26-38	1.60 GPA
39-50	1.70 GPA
51-63	1.90 GPA
64-124	2.00 GPA

In order to graduate, a student must have a minimum GPA of 2.0. If a student fails to meet the above GPA requirements, he/she will be suspended from financial aid but will have the opportunity to submit an appeal.

#### **Quantitative Standards (time-based also referred to as PACE)**

In order to maintain financial aid eligibility, the U.S. Department of Education requires a student to successfully complete 67% of the credits for which he/she attempted as shown in the example below:

Hood College Office of Financial Aid calculates the pace at which you are progressing in your SAP academic plan by dividing the cumulative number of credits you have successfully completed by the cumulative number of credits you have attempted. All periods of enrollment count when assessing quantitative standards, even periods in which the student did not receive financial aid.

$$\text{Pace} = \frac{\text{Cumulative number of credits that you have successfully completed}}{\text{Cumulative number of credits that you have attempted}}$$

Cumulative number of credits that you have attempted

Unsatisfactory grades of F, INC, AU, F, S and U do not count as completed courses but will count as attempted credits. In addition, repeated coursework is counted as attempted hours for financial aid eligibility. Students can only receive financial aid for a passed course one additional time. If the student registers for a previously passed course the third time, the course is ineligible for financial aid. Students are eligible up to 30 attempted hours for basic skills courses (reading, writing, mathematics) which are not counted in the quantitative standards. If a student exceeds 30 attempted hours without successful completion, the student becomes ineligible for financial aid and must pay for those courses prior to continuing at Hood College.

Transfer credits that count toward the student's current program count as attempted and completed for financial aid eligibility.

#### **Quantitative Standards (maximum timeframe)**

Students must be making progress toward a degree. To quantify academic progress, Hood College must set a maximum timeframe in which you are expected to finish a program. A student must complete his/her program of study within 150% of the length of the program. If a student needs additional time to complete the degree, the student may submit an appeal for financial aid. Students at Hood College are expected to complete 124 credit hours to earn an undergraduate degree. Students are eligible to receive financial aid up to 186 attempted hours at Hood College (not including 30 credit hours for basic skills courses). If additional time is needed, students can submit an appeal to the Director of Financial Aid.

## **Financial Aid Suspension**

Students are placed on financial aid suspension if they do not meet one or both of the SAP standards. Hood College monitors SAP annually at the end of spring semester and students are notified accordingly. Students are not given a warning period since the process is monitored once per academic year. Students have the option to appeal for financial aid once they are on suspension.

## **Appeals Process**

Students on financial aid suspension may appeal in writing to the Director of Financial Aid. Appeals must be submitted by July 1 in order to review for the upcoming fall semester. Students must provide in writing the extenuating circumstance(s) why SAP was not made and submit any supporting documentation. The student must state how the situation has changed and what action will be taken in order to meet SAP standards at the next evaluation period (end of spring semester). If the appeal is for maximum timeframe, the Director of Financial Aid may request the student to submit an academic plan signed by his/her advisor. The Director of Financial Aid will notify the student if such documentation is needed for the appeal.

The Director of Financial Aid will review the appeal and notify the student in writing within ten business days of the decision. All decisions made by the Director of Financial Aid are final.

If the appeal is granted, students will be placed on financial aid probation for one semester and are expected to improve their SAP status by the end of the semester probation is granted. If, at that time, the student does not meet SAP standards, the student will be suspended from financial aid with no opportunity to appeal. If the student is successful, the student will be removed from probation and placed in good standing for financial aid eligibility. In order to be successful, the student must meet cumulative GPA standards and maintain a 67% cumulative passing rate. If the student is placed on academic plan and is following the plan, the student shall remain on probation until program completion and will be eligible for financial aid.

## **MERIT SCHOLARSHIPS**

Hood College has developed an extensive merit scholarship program that recognizes outstanding achievement and/or demonstrated talent and accomplishment in leadership, research, community service or writing. Students admitted to Hood are considered for merit scholarships at the time of admission. Some scholarships, however, are awarded through an interview process involving our Faculty Scholarship Committee.

Each year, Hood College awards more than \$5 million in merit-based scholarships. Merit-based scholarships range from \$2,000 to full-tuition.

From time to time, an individual student-applicant may qualify for consideration in more than one scholarship category. In such a case, the highest scholarship amount will take precedence in Hood's awarding process. All are limited up to eight semesters.

Students are notified of yearly renewal criteria, including minimum grade point average, upon receipt of their financial aid award letter.

- **Hodson Trust Academic Scholarship** — awarded to incoming full-time first-year students who have the highest academic profiles and have shown leadership in school and community activities. A separate application and interview are required.
- **Hodson-Gilliam Scholarship** — awarded to incoming full-time first-year students from ethnic backgrounds traditionally

underrepresented in higher education. Applicants must have demonstrated high academic achievement. A separate application and interview are required.

- **Presidential Scholarship** —awarded to incoming full-time first-year students with exceptional academic and extracurricular leadership.
- **Trustee Scholarship**— awarded to incoming full-time first-year students with demonstrated academic ability and leadership in school and community activities.
- **Dean's Scholarship** —awarded to incoming first-year students with strong records of academic performance and extracurricular involvement. These students show the potential to contribute to classroom activities and the Hood College community.
- **Achievement Award** —awarded to incoming full-time first-year students with demonstrated financial need who have the potential to succeed academically and have demonstrated leadership, commitment to community service and/or demonstrated talent.
- **Phi Theta Kappa Scholarship** —awarded to incoming full-time transfer students who are Phi Theta Kappa members and have earned an A.A. or A.S. degree. Must be a Phi Theta Kappa member at the time of admission.
- **Joseph Henry Apple Transfer Scholarship** —awarded to incoming full-time transfer students who have demonstrated academic achievement.
- **Martha E. Church Transfer Scholarship** —awarded to incoming full-time transfer students who have demonstrated academic achievement..
- **Henry Irvin Stahr Transfer Scholarship** —awarded to incoming full-time transfer students who have demonstrated academic achievement..
- **Andrew G. Truxal Transfer Scholarship** —awarded to incoming full-time transfer students who have demonstrated academic achievement..
- **Randle Elliot Transfer Scholarship** —awarded to incoming full-time transfer students who have demonstrated academic achievement.
- **Shirley D. Peterson Transfer Scholarship** —awarded to incoming full-time transfer students who have demonstrated academic achievement.
- **Ross Prichard PTK Merit Transfer Scholarship** —awarded to incoming full-time transfer students who have demonstrated academic achievement.
- **Hood Heritage Scholarship** —awarded to full-time, first year, traditional-age, undergraduate students who are children or grandchildren of a Hood alumna or alumnus.
- **Legacy Scholarship** —awarded to full-time, first year and first time transfer students whose parents earned a graduate degree from Hood College.
- **Alumnae Scholarship** —awarded to incoming full-time first-year students or transfer students who are referred to admission by a Hood College alumnae or alumni.

## SCHOLARSHIPS AND AWARDS

Endowed scholarships, annual scholarships, prizes and awards are awarded according to the criteria of each scholarship, prize and award.

## Endowed Undergraduate Scholarships

The Allegheny Power Scholarship  
 The Carol Lumb Allen '59 and Caroline Finkenbinder Lumb '30 Scholarship  
 The Martha Shortiss Allen '59 Scholarship Fund  
 The W.A. Lantz and the Bertha McCall, Class of 1906, Alumnae Scholarship  
 The Marycatherine Anthony '74 Scholarship  
 The Marguerite L. and William G. Baker Scholarship Fund\*  
 The Alice McCusker Barnard '23 Scholarship  
 The Mary Hendershot Bastian '50 Scholarship  
 The Mariana Main Beachley '36 Scholarship  
 The Sue and Ross Benitez Scholarship  
 The Mary Louise Hester Bennett '30 and Elizabeth Bennett Wiegand '60 Scholarship Fund  
 The Nettie C. Bentley '28 Music Scholarship  
 The Muriel Binder '33 and Mildred K. Binder '40 Scholarship  
 The Christine Moyer Bloom '22 Scholarship  
 The Board of Associates 50th Anniversary Endowed Fund for Student Scholarships  
 The Betty Bruce Borgerding '35 Scholarship Fund  
 The Frances Good Crilly Bowers '27 Music Scholarship Fund  
 The Olive L. Bowlin '19 Endowed Scholarship  
 The William H. Browning, Jr. Community Scholarship  
 The Chug Scholarship  
 The Martha E. Church H'95 Scholarship Fund for International Students  
 The Walter and Eleanor Church Endowed Scholarship\*  
 The Rhea Robinson Claggett '36 and Mariamne Claggett Vickery '80 Scholarship  
 The Class of 1932 Scholarship  
 The Class of 1948 Endowed Scholarship  
 The Class of 1962 Endowed Scholarship  
 The Class of 1967 Memorial Scholarship  
 The Class of 1969 Scholarship\*  
 The Class of 1976 Endowed Scholarship  
 The Class of 1977 Scholarship  
 The Class of 1978 Scholarship  
 The Class of 1979 Scholarship  
 The Class of 1980 Scholarship  
 The Class of 1982 Scholarship  
 The Class of 1984 Endowed Scholarship  
 The Class of 1985 Scholarship  
 The M. Virginia Coblentz '33 Scholarship  
 The Edison H. and Daphne B. Cramer Scholarship  
 The Virginia M. Crist Scholarship  
 The Katharine E. Cutshall '24 Scholarship  
 The Laura and Theodore Deforest Scholarship Fund  
 The Delaplaine Foundation Inc. Scholarship Fund  
 The Judge Edward S. Delaplaine Scholarship  
 The Robert E. and Ruth M. Delaplaine Scholarship

- The William T. and Janie Quynn Delaplaine Scholarship  
 The Dona Ditty Memorial Scholarship  
 The J. William and Sarah Thomas Drenning '49 Scholarship\*  
 The Nancy Hill Drew '58 Scholarship\*  
 The Dyer Work Award  
 The Elfin-Kawecki Scholarship Fund\*  
 The F. Virginia Ellis '39 Scholarship Fund  
 The Helen Kirk Deputy Ellis '27 and Mary Ellen Deputy Fowler '33 Foreign Language Scholarship Fund  
 The Esselen Family Scholarship Fund  
 The Evangelical and Reformed Church Scholarships  
 The Sally Conrad Fauntleroy Scholarship (In Expression)  
 The Karen Louise Fisher '77 Scholarship  
 The Stella Elizabeth Ziegler Foley '28 Scholarship Fund  
 The Jennifer Frantz '97 Scholarship Fund  
 The Frederick Female Seminary Scholarship  
 The Margaret R. Geiser Memorial Scholarship Fund  
 The General Endowed Scholarship  
 The Giles Scholarship  
 The M. Fredrica Godshalk, M.D. '65 Scholarship Fund\*  
 The Griesemer Scholarship  
 The Gloria M. Grossnickle Scholarship Fund  
 The Ann Coulter Hancock '40 Scholarship Fund  
 The Julia Etchison Hanna '19 Scholarship  
 The Anne Keet Hanson '34 Scholarship  
 The Virginia Shaver Harshman '41 Scholarship Fund  
 The William Randolph Hearst Endowed Scholarship  
 The Lizzie S. Heckle Scholarship  
 The Albert & Ethel Herzstein Charitable Foundation Scholarship\*  
 The Carol Schulthess Hires '68 Scholarship  
 The Hodson Foundation Scholarship  
 The Hodson Trust Academic Scholarship  
 The Hodson-Gilliam Scholarship  
 The Nettie McCardell Hoffmeier Scholarship  
 The H.G. and Lula K. Hoke Scholarship  
 The Arlene Utz Hollinger '37 Scholarship  
 The Carolyn Tillou Holran '60 Scholarship  
 The Hood College Fathers' Club Scholarship  
 The J. Harold Hooper Scholarship  
 The Sharon I. Hooper '58 Scholarship  
 The Nancy Hoskins Houston '51 Scholarship  
 The Richard Hudnut Scholarship  
 The Josephine Thompson Hunger '40 Scholarship  
 The Huttle Scholarship  
 The Janice R. Hysten '78 Memorial Scholarship  
 The Dorothy Richardson Jones '31 Scholarship Fund  
 The Dean Mary Frear Keeler Scholarship  
 The Miriam W. Kelly '34 Scholarship  
 The Joan Kempthorne '54 Scholarship
- The Carrie M. Kerschner Memorial Scholarship  
 The Kurbyweit Scholarship\*  
 The John N. Land Scholarship Fund  
 The Elizabeth Ruth Langert '38 Scholarship  
 The Louis A. Langie Jr. and Sally Weaver Langie '51 Scholarship  
 The Latrobe-Westmoreland County, Pennsylvania Scholarship  
 The Charles A. and Helen Titzel Lauffer Scholarship  
 The Lillian Zeigler Lavetan '18 Scholarships  
 The Adele Edmunds Levering '14 Scholarship  
 The Frederick Weir Levering Scholarship  
 The Margaret Loudon Lewis Scholarship  
 The Bert S. and Mary H. Lewis Memorial Scholarship  
 The Charles J. Little Scholarship  
 The Arthur H. Long, Sr. and Lois Long Harley '45 Family Scholarship  
 The Lonza Bioscience Scholarship  
 The Janet B. Loudon Scholarship Fund  
 The Mary and Daniel Loughran Scholarship  
 The Lowe-Bitler Scholarship  
 The Evelyn Barrick Mahoney '34 Scholarship  
 The William Markow Music Scholarship Fund at Hood College  
 The Esther Taylor Marshall '35 Scholarship Fund  
 The Timothy S. May Scholarship  
 The Susan McAlpine '47 and Margaret McAlpine '46 Scholarship  
 The William A. McCarty, Jr. and Elinor F. Herndon McCarty '60 Scholarship  
 The McCullagh McCutcheon Scholarship Fund  
 The McCurdy Scholarship  
 The Paul F. Mehl Memorial Scholarship  
 The John D. Meyer Scholarship  
 The Nettie Morton Miller Scholarship\*  
 The Lorie Harris Morrell '84 Scholarship  
 The Morrow Scholarship Endowment  
 The Margaret J. and John C. Motter Scholarship  
 The Mullison Scholarship Fund  
 The Kathleen A. and Charles F. Murphy Scholarship  
 The Margaret S. Neely Hood Scholarship  
 The Wayne C. Neely Hood Scholarship  
 The Eleanor MacMillan Nelson '32 Scholarship  
 The Elisabeth Farber Neubauer '45 Scholarship  
 The New York Times Scholarship  
 The Kathryn Zimmerman Nicodemus H'05 Music Scholarship  
 The Stephanie Lundy Normann '56 Scholarship  
 The Ines M. Oertel '96 and Carsten Oertel Scholarship\*  
 The J. Edward and Jessie Spielman Omwake Scholarship  
 The George W. and Edith Osmun '18 Scholarship  
 The J. Elyse Pade '54 Scholarship  
 The Elizabeth Walton Paiste '32 and Ethel Hobson Auf Der Heyde '32 Scholarship Fund  
 The Audrey Field Parrott Endowment for the Language Arts\*

The Benjamine Cawley Parrott Endowment for the Sciences\*  
 The Nancy Freeman Patterson '53 Scholarship Fund  
 The Elizabeth Peters - Barbara Michaels Scholarship Fund  
 The Shirley D. Peterson Scholarship Fund  
 The Beryl Pfizer '49 Scholarship Fund for Theatre Minors  
 The Margaret Jones Pollack '49 Scholarship  
 The Sylvia F. Porter H'58 Scholarship  
 The Octavia M. Power '30 Endowed Scholarship  
 The Dorothy E. Pugh '58 Scholarship  
 The James B. Ranck Memorial Scholarship  
 The Nora Roberts Foundation Scholarship  
 The Andy Rooney Scholarship in Writing\*  
 The Harry A. Rosenfeld Scholarship  
 The Charlotte Snyder Rupner '18 Scholarship  
 The Margaret Russell '42 Scholarship  
 The Gretchen Howe Russo '63 Scholarship\*  
 The Patricia Feiser Sanner '38 Science Scholarship Fund  
 The Myrtle Annis Scott Scholarship  
 The Kimberly Ann Servedio '99 Memorial Scholarship  
 The Elizabeth Ann Seton Education Scholarship  
 The Helen Burton Shelton '40 Scholarship  
 The Lori A. G. Shipley '97 Endowed Scholarship Fund\*  
 The Alfred P. and Patricia A. Shockley Scholarship  
 The Alice Smith '33 Scholarship  
 The M.E. Smith Scholarship  
 The Ruth Yost Snyder '36 and Lehman J. Snyder Scholarship  
 The Dr. and Mrs. Alexander Solosko Scholarship  
 The John G. and Beulah Munshower Sommer '44 Computer Scholarship  
 The William H. Sprigg Applied Music Scholarship  
 The Henry I. Stahr Scholarship  
 The Glenna May and John Hedges Staley Scholarship  
 The Eleanor C. Stanley and Kenneth N. Stanley Scholarship Fund  
 The Frances Steckel Music Scholarship  
 The Virginia Geddert Stone '40 Scholarship  
 The Louise Kling Tefft '37 Scholarship Fund\*  
 The Helen Kelly Terwilliger '27 and Edith M. Kelly Terwilliger  
 Scholarship  
 The Clyde E. and Julia E. Thomas '14 Scholarship  
 The G. Frank Thomas Foundation Scholarship  
 The Mr. and Mrs. Jacob L. Thomas and Mr. and Mrs. Charles L. Mullen  
 Scholarship  
 The Dr. William H. Thomas and Bradley Barrick Thomas '41 Scholarship  
 The Andrew G. Truxal Scholarship in Sociology Fund  
 The Van Wert Scholarship Fund\*  
 The Mr. and Mrs. William H. Vanderford Scholarship  
 The L. Marie VanHise '49 Scholarship  
 The Pearl Walker '32 Scholarship in Mathematics  
 The Oliver C. and Carrie E. Warehime and the Alexander D. and  
 Dorothy Warehime Lewis '17 Scholarship

The Louise A. Weagly '30 Scholarship Fund  
 The Wehler Family Scholarship  
 The Aldan T. Weinberg Scholarship Fund\*  
 The Sarah Patton Weinberger '32 Scholarship  
 The Philip and Janis Miller Wertheimer '29 Scholarship Fund  
 The Dr. Olivia G. White Scholarship Fund\*  
 The Olive Wagner Wilt '26 Memorial Scholarship  
 The Women's Guild Scholarship  
 The Nora E. Yost '17 Scholarship  
 The W. Meredith and Helen Brown Young '35 Scholarship  
 \* *Not currently available for award*

## Annual Undergraduate Scholarships

The Achievement Fund  
 The H.K. Alwine Scholarship  
 The Barnes & Noble Textbook Scholarship  
 The Roscoe G. Bartlett Scientific Scholarship Fund  
 The Audrey Pressler Bauman '43 Scholarship Fund\*  
 The Dr. Regena C. Beck '17 Scholarship  
 The Board of Associates Leadership Fund  
 The Alden E. and Harriet K. Fisher Scholarship  
 The Bernard Gerrard Fund for "Mature" Students at Hood College\*  
 The Ardine and Phyllis Gorden Applied Music Scholarship  
 The Hood College Ring Scholarship  
 The Roy Jorgensen Associates, Inc. Annual Scholarship  
 The Dorothy Rost Kretzer '53 Scholarship  
 The Hilda C. Landers Scholarship  
 The Loats Foundation Scholarships  
 The McCardell Family Scholarship Fund  
 The Charles and Kathryn Nicodemus Annual Scholarship Fund  
 The Presidential Leadership Scholarships  
 The Vincent and Alice Riordan Scholarship  
 The Nora Roberts Foundation Scholarship in Nursing  
 The Fred Schenkel Scholarship Fund  
 The George L. Shields Foundation, Inc. Scholarship for Nursing  
 The F. Lawrence and Shirley J. Silbernagel Scholarship  
 The Hood College Waltersdorf Henson Scholarship  
 The Ruth Whitaker Holmes '55 and Portia Whitaker Shumaker '55  
 Science Scholarship  
 The Raymond R. and Margaret M. Zimmerman '22 Music Scholarship  
 \* *Not currently available for award*

## Undergraduate Prizes and Awards

The Accreditation Council for Business Schools and Programs  
 Leadership Award  
 The Leah B. Allen Award in Astronomy  
 The American Institute of Chemists Foundation Award  
 The Elizabeth Yourtee Anderson '82 History Prize  
 The Art Club of Frederick Prize  
 The Art Department Alumnae Award

- The Art Department Faculty Award  
 The Beta Beta Beta Award  
 The Biology Faculty Award  
 The Blue and Grey Editorial Award  
 The James R. Boston Prize  
 The Elizabeth B. Bower Prize  
 The Dr. Martha M. Briney '35, H'78 Honor Scholarship  
 The Bromer Peace Prize  
 The Grace N. Brown '25 Prize in Mathematics  
 The Patricia Bucheimer Piano Prize  
 The Dana Cable Community Service Award in Psychology  
 The Larry T. Campbell Memorial Prize  
 The Julia Holzapfel Carhart '30 Prizes in Mathematics  
 The Catherine Filene Shouse Career Center and Office of Service Learning Distinguished Intern Award  
 The Chemistry Achievement Award  
 The Martha E. Church H'95 Prize for Leadership and Service  
 The Class of 1988 Volunteer Behind the Scenes Award  
 The Janice E. Cole Scholarship  
 The Janice E. Cole Writing Prize  
 The Computer Science Undergraduate Achievement Award  
 The Computer Science Faculty Prize  
 The Computer Science Chair's Fund Prize  
 The Frances C. Cutujian Prize  
 The Joseph E. Dahms Community Service Award  
 The Emily Myers Davis '43 Prize  
 The Department of Chemistry and Physics Faculty Award  
 The Department of Economics and Business Administration Book Prize  
 The Department of Economics and Business Administration Leadership Prize  
 The Department of Foreign Languages & Literatures Award  
 The Johanna Chait Essex '53 Prize in Early Childhood Education  
 The Exceptional Achievement Award in Psychology  
 The Margaret P. Ford Honor Scholarship  
 The Elaine Adrienne Gates Memorial Prize in Studio Art  
 The German Embassy Prize  
 The Raymond L. and Louise K. Gillard Prize  
 The Godman Prize in French\*  
 The Ardine and Phyllis Gorden Music Scholar Prize  
 The Ardine and Phyllis Gorden Musical Talent Prize  
 The Suzanne Gottert '68 Prize in Art  
 The Dr. Ruth Esther Griffith Biology Award  
 The Edenia Guillermo Award  
 The Shirley Conner Hardinge '44 Prize  
 The Maureen Kelly Hess '81 Prize  
 The Hood College Choir Award  
 The Hood College Retailing Club Prize  
 The C. May Hudson Prize  
 The Francis G. Hugo Prize in Psychology  
 The Hypatia Mathematics/Science Education Prize  
 The Dr. Robert Kaufmann German Prize  
 The Mary Ann Kerins Humanitarian Award  
 The George G. Kleinspehn Honor Scholarship  
 The Margaret Louise Kleist Prize  
 The Dr. Henry P. and M. Page Laughlin Administrative Achievement Award  
 The Dr. Henry P. and M. Page Laughlin Faculty Professional Achievement Award  
 The Dr. Henry P. and M. Page Laughlin Student Award  
 The Law and Society Prize  
 The E. Louise Leonard Prize  
 The Virginia E. Lewis Best Paper Award  
 The Virginia E. Lewis Prize for Outstanding Achievement in Political Science  
 The Logic Prize  
 The Marion MacPhail Prize  
 The Marie A. Markow Excellence in Music Prize  
 The Maryland Section of the American Chemical Society Prize  
 The Jane D. McCarrell Prize  
 The Helen McCullagh McCutcheon '14 Prize  
 The Charlotte A. Moran '57 Prize  
 The Music Department Special Award in Applied Music  
 The Wayne C. Neely Prize  
 The John and Janet Nunn '61 French Prize  
 The Vesta Hoffman Osler '30 Chemistry Award  
 The Outstanding Arabic Student Award  
 The Outstanding Intermediate Arabic Award  
 The Outstanding Research Contribution Award in Psychology  
 The Park-Dorff Award  
 The Florence A. Pastore Memorial Prize  
 The George C. Pearson Prize  
 The Phi Alpha Theta Award in History  
 The Pi Mu Epsilon Book Prize  
 The Hildegard Pilgram '31 Book Prize  
 The James B. Ranck Book Prize in American History  
 The George E. Randall Award for Excellence in Journalism  
 The Mary Ellen Randolph Prize  
 The Anna Louise Remsen '33 Prize in Art  
 The Mary Margaret Rose Award  
 The Rouse Graduate Scholarship  
 The Linda Scott Outstanding Mentorship Award in Psychology  
 The SGA Student Leader of the Year Award  
 The Esther E. Shaw Award  
 The Sidney Silverman Award  
 The Linda Mae Snapp Memorial Award in Nursing  
 The William Sprigg Prize  
 The Margaret Condron Sterner '39 Scholarship  
 The Charles E. Tressler Distinguished Teacher Award

The Charles E. Tressler Outstanding Student Award  
 The Alyce T. Weinberg Honor Scholarship  
 The Adrienne Wells '04 Social Work Student of the Year Award  
 The White Blazer Award  
 The Elizabeth Leiby Wood '38 Prize  
 The Linda Wyatt '68 and Marleen Spriggs '69 Award in African American Studies

*\*Not currently available for award*

### Lecture and Performance Funds

The Dana G. Cable Memorial Thanatology Lecture Series Fund  
 The Homer W. Carhart H'07 Guest Pianist Fund  
 The Ceramic Arts Visiting Artist Fund  
 The James M. Etchison Summer Chamber Music Trust  
 The Ardine and Phyllis Gorden Concert Fund  
 The William J. and Wilma M. Haines Lecture Fund in Biomedical Ethics at Hood College  
 The Hanson Lecture Series  
 The Hood College Management Lecture Series Fund  
 The Jean Royer Kohr '62 Memorial Lectureship  
 The Miss Grace Lippy Endowed Science Lecture Fund  
 The Charlotte Moran '57 Foreign Language Visiting Scholar and Lecturer Fund  
 The Pade Lectureship and Performance Fund  
 The Randall Family Endowed Chamber Music Concert Series Fund  
 The Nora Roberts Foundation Writer-in-Residence Program  
 The Silverman Young Artists Concert Fund  
 The Hadley Tremaine Lecture Fund

### Research and Support Funds

The Barrett Advertising Child Development Center Scholarship Fund  
 The Martha E. Church H'95 Center for Leadership and Service Endowed Fund  
 The Class of 1957 Endowment  
 The Class of 1983 Child Development Lab Fund  
 The Class of 1986 Endowed Fund  
 The Class of 1987 Endowed Fund  
 The Class of 1991 Film Series  
 The Computer Science Enhancement Fund  
 The Gale Heather Demarest Class of 1962 Low Interest Loan Fund  
 The Anne Derbes Art Outreach Fund\*  
 The Nancy Salzman Ebert '57 Education Technical Learning Laboratory  
 The First Generation Student Center  
 The Shirley Conner Hardinge '44 Center for Global Studies  
 The Hodson Faculty Fellowships  
 The Hoffberger Endowed Honors Program  
 The Huntsinger Art History Travel Fund  
 The E. Louise Leonard Language Lab Fund  
 The McCardell Professional Development Grants Endowed Fund  
 The McHenry Chaplain Fund  
 The Miller Greenhouse Endowment

The Grace Lampe Morrison '25 Endowment  
 The National Endowment for the Humanities Challenge  
 The Betsy Radey Pancelli '49 Memorial Research Fund  
 The Beryl Pfizer '49 Endowed Theatre Production and Program-ming Fund  
 The Onica Prall Child Development Lab School 75th Anniversary Fund  
 The Second Century Foundation Student Grants  
 The John M. Stadlbauer Chemistry Department Instrument Fund  
 The Summer Research Institute Grants  
 The Tambor Bay School Fund  
 The Tidball Center Endowment Fund  
 The Tischer Endowed Funds  
 The Williams Observatory Fund  
 The Phebe Zimmerman Endowment Fund

*\* Not currently available for award*

### CHAIRS AND PROFESSORSHIPS

The Beneficial Chair in Economics  
 The Giles Chair in Early Childhood Education  
 The Hodson Trust Professorship in Nursing  
 The KBE Head Tennis Coach Fund\*  
 The Mildred Brown Lefferts Endowed Chair Fund  
 The Virginia E. Lewis Chair in Political Science  
 The Sophia M. Libman National Endowment for the Humanities (NEH) Professorship  
 The McHenry Dean of the Chapel  
 The Eleanor S. Pearson Professor Fund  
 The Hildegard Pilgram Chair in History  
 The Andrew G. Truxal Chair of Economics and Sociology  
 The Whitaker Chair in Chemistry

*\* Not currently available for award*

### REDUCED TUITION OPPORTUNITIES

Hood offers several opportunities for reduced tuition, including programs for older citizens and Hood alumnae and alumni.

### Encore Program

The Encore Program enables Hood alumnae and alumni who hold a B.A. or B.S. from Hood to take undergraduate courses at one-half tuition.

### Family Tuition Plan

When two or more members of the same family are enrolled at Hood College, the Family Tuition Plan provides an annual grant of \$2,000 (to be divided equally between the fall and spring semesters) to the second member of the family. A family is defined as a parent, dependent child and/or dependent child's sibling. Under the Family Tuition Plan, both members of the family must be enrolled as full-time traditional undergraduate students.

All students admitted under the Family Tuition Plan must meet the regular admissions standards of the College, as appropriate. The Family Tuition Plan applies to tuition only and does not apply to the board or other fees.

## Renewal Not Retirement

Hood's Renewal Not Retirement (RNR) program offers persons 60 years of age or older the opportunity to audit undergraduate courses. Studio and lab courses, practicums and self-directed study courses are not available for audit.

## UNDERGRADUATE SPECIAL ACADEMIC OPPORTUNITIES

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### CENTER FOR COMPUTER SECURITY AND INFORMATION ASSURANCE

The Center for Computer Security and Information Assurance, housed within the Department of Computer Science, coordinates and promotes inter-disciplinary research, education, and service projects in computer security and information assurance. Center activities bring together faculty, students, researchers, government and industry computer security experts, and law enforcement practitioners to share information and develop new ways to protect users, information systems, and information infrastructures. The Center currently offers a graduate Certificate in Information Security. The Center's web site is located at: [ccsia.hood.edu](http://ccsia.hood.edu).

### COASTAL STUDIES SEMESTER

See *Coastal Studies Semester* (p. 64) for more information.

### DEPARTMENTAL HONORS PAPER

The Departmental Honors Paper is a senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. The course number 499 designates this type of study. Students writing Departmental Honors Papers are designated Christine P. Tischer Scholars.

See *About Course Offerings* (p. 133) for more information.

### FIRST-YEAR LIVING-LEARNING COMMUNITIES

First-Year Living-Learning Communities are designed to provide first-year students with a common living and learning experience within their fields of interest. Students in the program will be housed together by community in the residence halls and will be required to attend monthly activities and events related to the themes, to participate in student-created programs and service projects, and to write papers reflecting on their learning experiences. In addition, students will be required to enroll in at least one of the designated courses within their communities each semester.

### FIRST-YEAR SEMINAR PROGRAM

Because an ability to communicate well on a college level is crucial to success at Hood, this pilot program offers first-year students an opportunity to sharpen reading, writing, and presentation skills in a small classroom setting.

All first-year seminars are reading and writing intensive and will help students refine their skills in critical thinking, information literacy, class discussion, and group work. Each seminar is limited to 15 students in

order to allow class members to work closely with their professor and fellow students. The seminar topics are designed to have broad appeal while reflecting the varied interests and expertise of the faculty who teach them.

The first-year seminar can replace one category of second tier Methods of Inquiry (except for lab science) in the core requirements. No first-year seminar will count toward a major.

### MILITARY SCIENCE/ROTC

Hood College offers the U.S. Army Reserve Officers' Training Program (ROTC) in association with the Military Science Department of McDaniel College. See *Course Offerings* (p. 133) for more information.

### STUDY ABROAD PROGRAMS

Hood students may study abroad in approved programs in virtually every part of the world. The College requires language majors to study abroad unless they reside for two years in one of the language houses.

Language students ordinarily enroll in programs abroad that offer instruction in the local language. Hood has formal associations with several established overseas programs, including those offered by The American University in Cairo (Egypt), Sweet Briar College (Paris), Dickinson College (Toulouse), University of Seville, University of Alicante, Seoul Women's University and the University of Mainz, among others.

Students may also study abroad in short-term summer programs: Social Work Field Experience in Ireland (co-sponsored by Hood College and Frostburg State University) and the Bahrom International Program in Seoul, Korea.

All students intending overseas study should make application at least one semester in advance of the proposed study. Students should consult with the Hood College Study Abroad Coordinator as soon as they determine they wish to study abroad.

The College encourages students to study abroad during the junior year. Some sophomores study abroad because of compelling program or personal reasons, and in rare instances the College permits seniors to study abroad in the fall semester.

### THE HOOD COLLEGE HONORS PROGRAM

A limited number of academically exceptional students are accepted into the Hood College Honors Program. Combining classroom instruction and co-curricular activities, the Honors Program offers a challenging academic experience and encourages both independent and collaborative learning. The program requirements are discussed in *Majors and Courses of Study* (p. 59).

### OFF-CAMPUS PROGRAMS AND COURSES

#### PLEN

Hood College is an associate member of The Public Leadership Education Network. PLEN offers exciting programs that allow Hood students to gain firsthand experience shaping public policy in communities, the nation and the world. Students who enroll in PLEN's Women and Public Policy Internship Program learn about policy, research or social advocacy by working alongside women leaders in the Congress, courts, executive agencies and nongovernmental advocacy groups. Students may earn from 3 to 15 Hood College credits for participation in PLEN's internship programs. Those who wish to complete a PLEN internship must also

meet Hood's requirements for internship eligibility. PLEN also offers three-day to three-week seminars on topics such as Women and Congress; Women in Science and Technology; Women and International Policy; and Women, Law and Public Policy.

For more information about any of PLEN's programs, contact the Career Center.

## Washington Semester Program

Hood College cooperates with American University's Washington Semester Program, an arrangement that provides priority access to Hood students who join 300 to 400 other students from across the country. Students may enroll in any of the units of the program: American National Politics Semester, Foreign Policy Semester, Justice Semester, Public Law Semester, Economic Policy Semester, Peace and Conflict Resolution Semester, Journalism Semester, Museum Studies and the Arts Semester, International Business and Trade Semester and International Environment and Development Semester. The director and academic advisers of each unit help students plan their programs, including a seminar, an independent research project and either an internship or a course at American University. Entrance requirements include a Grade Point Average of 2.5, second-semester sophomore status, a recommendation from the Hood faculty adviser to the program and selection by the director at American University. Credits (but not quality points) are transferable to Hood. Because financial arrangements for room, board and tuition differ from those at Hood, students are urged to consult with the Hood financial aid officer well in advance. Hood students need not file a petition with the Committee on Academic Standards and Policies to participate in the Washington Semester.

## Community College Exchange

Full-time Hood students may take one course each semester at Carroll Community College (CCC) or Hagerstown Community College (HCC) without charge, provided that the course chosen is not offered at Hood during the academic year. See *Academic Policies* (p. 35) for more information on this program.

# UNDERGRADUATE DEGREE REQUIREMENTS

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## Degrees

Hood offers three undergraduate degrees: the Bachelor of Arts, the Bachelor of Science and the Bachelor of Science in Nursing. Candidates for these degrees must complete requirements as outlined below. It is the responsibility of the student to be sure that all degree and major requirements are fulfilled by graduation.

## General Requirements

- Demonstration of the ability to write and speak standard English (included in the grade evaluation for every course at Hood College).
- Compliance with all general regulations of the College and of the Student Government Association.

## Graduation Requirements

- Completion of at least 124 credits in courses numbered 100 or above.

- Achievement of a 2.0 cumulative Grade Point Average.
- Enrollment in the final 30 credits on the Hood campus as a degree candidate.
- Completion of the College Core Curriculum.
- Completion of all major requirements.

## Major Requirements

- A 2.0 cumulative Grade Point Average in courses in the major discipline must be maintained.
- A minimum of 12 credits of course work in the major discipline must be completed at Hood.
- A minimum of 15 credits of course work in the major discipline must be completed at the 300-level or above.

## The Second Degree

Students who wish to earn any two degrees (B.A. and B.S.) concurrently must accumulate 154 semester hours of credit and fulfill Core Curriculum requirements for both degrees and the requirements for both majors.

Students already holding a bachelor's degree who wish to earn a second bachelor's degree, must accumulate at least 30 credits as a degree candidate at Hood and meet all degree and major requirements. Some departments require more than two semesters of full-time enrollment. Determination of how many credits must be earned at Hood for the second degree is made by the registrar, based on evaluation of the transcript from the original degree-granting institution.

A second bachelor's degree is offered through the Encore Program to Hood alumnae and alumni who hold a B.A. or B.S. from Hood. (This program is not available to alumnae and alumni who have only attended Hood's Graduate School.) The same provisions apply as above, but at one-half tuition. Hood graduates apply for reinstatement as degree candidates through the Registrar's Office.

## THE HOOD COLLEGE CORE CURRICULUM

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The Core Curriculum is required of all students. All students admitted as a first-year student must fulfill the Foundation and Methods of Inquiry areas of the core. Transfer students with an A.A., A.A.T. or A.S. degree are exempt from the Foundation and Methods of Inquiry areas of the Core with the exception of the Global Perspectives requirement which may be fulfilled with appropriate transfer courses. Students without the associate degrees mentioned, but transferring with at least 56 credits, and transfer students pursuing the B.S. in Computer Science or B.S. in Computational Science should refer to the core requirements information listed at the end of this section. Students pursuing the B.S. in Nursing, admitted with the A.S. are exempt from the Foundations and Methods of Inquiry areas, but must complete the Global Perspectives area of the Core.

The purpose of the Core Curriculum is to provide students with the basic skills needed to pursue a liberal arts education, to expose them to a variety of modes of inquiry in different disciplines, and to promote critical reflection about global perspectives.

Two parts comprise the Core Curriculum: Foundation and Methods of Inquiry.

**FOUNDATION (16-19 CREDITS)**

The Foundation section of the core presents the fundamental skills necessary to pursue a liberal arts education. Upon satisfactory completion of this requirement, students will be able to write with clarity in English; solve basic mathematical problems and demonstrate some ability to interpret and present numerical data; realize the relationship between physical activity and wellness, and be able to design at least one physical activity program for improving wellness; function successfully using the four skills (listening, speaking, reading and writing) of a foreign language and develop awareness of a foreign culture.

**English Composition (3-4 credits):**

ENGL 100	Elements of Compostn	4.0
ENGL 101	The Writing Process	3.0
ENGL 110-139	Writing About Literature	3.0

Students who receive a grade below C- in ENGL 100 must repeat ENGL 100 to satisfy the Composition requirement.

Students who receive a grade below C- ENGL 101 or ENGL 110-139 must elect and pass one additional writing-intensive course: ENGL 101, ENGL 110-139 to satisfy the Composition requirement.

**Quantitative Literacy (3-4 credits)**

(QL) is a habit of mind. It involves using elementary mathematical tools to interpret and manipulate quantitative data arising in a variety of contexts. It is marked by computational fluency, and by competence and comfort in working with numerical data. Those who are quantitatively literate can create arguments supported by data and can communicate those arguments in many ways – using tables, graphs, mathematical expressions, and words.

A course that satisfies the QL section of the Core Curriculum should have as its main focus the use of mathematics to solve real-world problems. In those courses, using data and appropriate technology, students will collaborate to solve multi-step problems and effectively communicate their reasoning to others

ECMG 212	Statistics for Economics & Management	3.0
MATH 111	Mathematics Everywhere	3.0
MATH 112	Applied Statistics	3.0
MATH 112W	Workshop Statistics	3.0
MATH 201	Calculus I	4.0
MATH 213	Statistical Concepts and Methods	3.0
PSY 211	Elementary Statistics	4.0
SOC 261	Quantitative Methods for Social Sciences	4.0

**Foreign Language (8 credits):**

Completion of an elementary (101 and 102) foreign language course sequence or exemption through a placement test.

Note: American Sign Language will not satisfy this requirement.

International students for whom English is a foreign language may meet the requirement by placing into 100-level English. If, however, English is the official language of the country, a foreign language is required.

**Health and Wellness (2-3 credits):**

The physical education core requirement may be completed in one of two ways:

**Complete two credits of activity courses:**

PE 100-199

**or complete one 3-credit course from the following:**

PE 225	Stress Assess Contrl	3.0
PE 227	Women's Health Issues	3.0
PE 228	Life Wellness and Health	3.0
PE 250	Introduction to Exercise Physiology	3.0

*Athletes who participate in intercollegiate sports may be exempted from all or part of the 2-credit physical education activity option. A 1/2 credit of exemption will be granted for each season of participation. No credit is earned for these exemptions.*

*Students who participate in the United States Army Reserve Officers Training Program (ROTC) may be exempted from all or part of the 2-credit physical education activity option. A ½ credit of exemption will be granted for completing each of the following courses: MSCI 101, MSCI 102, MSCI 201, MSCI 202.*

**METHODS OF INQUIRY (22-23 CREDITS)**

There are seven areas within Methods of Inquiry. These include: Literary Analysis, Visual and Performing Arts, Scientific Thought, Historical Analysis, Social and Behavioral Analysis, Philosophical Inquiry and Global Perspectives.

Courses designated as GP fulfill both Global Perspectives and the Methods of Inquiry area under which they are listed.

The seven Methods of Inquiry categories are:

**Literary Analysis (3-4 credits)**

Upon satisfactory completion of the Literary Analysis requirement, students will be able to read with perception the literature they have studied; analyze significant aspects of this literature; and intelligently discuss relationships between the literature and human experience.

ENGL 221	World Literature	4.0
ENTH 229	History of Drama Theatre I	4.0
ENTH 230	History of Drama and Theatre II	4.0
ENGL 250-269	Thematic Studies	4.0
AFEN 265	African American Voices pre 20thC	4.0
AFEN 266	Theme 20thC AfAm Literature	4.0
ENGL 270-289	Genre Studies	4.0
FLLS 250	Testimonial Narratives in the Americas	3.0
FREN 207	Cultural Perspectives on Fren Lit I	3.0
FREN 208	Introduction to French LiteratureII	3.0
GER 207	Cultural Perspectives on Ger Lit I	3.0
GER 208	Introduction to German LiteratureII	3.0
LAT 207	Latin Literature I: The Classical Period	3.0
LAT 208	Latin Literature II: Medieval	3.0
SPAN 207	Cultural Perspectives on Spanish Lit I	3.0
SPAN 208	Cultural Perspectives on Spanish Lit II	3.0

**Meets Global Perspectives Requirement:**

FREN 207	Cultural Perspectives on Fren Lit I	3.0
SPAN 207	Cultural Perspectives on Spanish Lit I	3.0

**Visual and Performing Arts (3-4 credits)**

The arts engage both the mind and senses, and are formative to human society and communication. Visual and Performing Arts courses allow students to explore the creation of art from a variety of perspectives.

Courses focusing on the practice of the visual and performing arts, or on the history and analysis of these arts, satisfy this requirement.

ART 201	Meaning & Method in Art	4.0
ART 220	History of Art I	4.0
ART 250	Art of Asia	4.0

ARTS 101	Design	4.0
ARTS 203	Ceramics I	3.0
ARTS 210	Color Theory	3.0
CMA 280	Screen Craft	3.0
CMA 282	History of American Film	3.0
LSSP 215	Hispanic & Latino Film	3.0
MUSC 100	Fundamentals of Music	3.0
MUSC 101	Beginning Music Theory & Musicianship	4.0
MUSC 103	Introduction to Music	4.0
THEA 101	The Elements of Acting	4.0
THEA 102	Improvisation	4.0

**Meets Global Perspectives Requirement:**

ART 250	Art of Asia	4.0
LSSP 215	Hispanic & Latino Film	3.0

**Scientific Thought (7-8 credits)**

These courses promote the student’s understanding and appreciation of science, the scientific approach to problem solving and the importance of science in our society. Courses will focus on the methods of scientific analysis as well as the actual content of the science. Students will take two semesters of introductory science courses, at least one of which will include a laboratory or similar experience. Upon satisfactory completion of this requirement, students will be able to understand the introductory content of at least one of the sciences; explain and use the scientific approach to problem solving; and understand scientific or technological information written for nonprofessional audiences.

This core requirement may be fulfilled in one of two ways:

- Complete one Non-laboratory and one Laboratory course
- Complete two Laboratory courses

**Non-laboratory Courses (3-4 credits):**

BIOL 130-149	Biological Inquiry	3.0
CHEM 105	Molecular Basis of Nutrition	3.0
ENSP 101	Environmental Problems	3.0
IT 180	Unraveling the Web	3.0

**Laboratory Courses (4 credits):**

BIOL 110-129	Biological Inquiry	4.0
CHEM 100	The Chemical World	4.0
CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0

ENSP 101	Environmental Problems and	3.0
ENSP 102	Environmental Science Lab	1.0

PHYS 101	General Physics	4.0
PHYS 102	General Physics	4.0
PHYS 203	Introductory Physics I	4.0
PHYS 204	Introductory Physics II	4.0

**Historical Analysis (3-4 credits)**

Historical Analysis courses introduce students to an analysis of human affairs that goes beyond the mere narration of historical facts by acquainting students with the methods historians use to describe, explain and reconstruct the past. Upon satisfactory completion of this requirement, students will be able to make use of historical information found in primary source materials; place significant works in their proper historical and cultural context; assess the complex relationship between

historical events and the human condition; and chronologically order and explain the significance of major events and the development of key social and political institutions for at least one period of history.

AFHS 257	African American History	4.0
AFPS 301	AfAm Political Autobiography	3.0
CMA 204	Media History	3.0
HIST 217	History of the United States to 1865	4.0
HIST 218	History of United States since 1865	4.0
HIST 262	Africa, Asia & Europe to 1500	4.0
HIST 263	Africa, Asia & Europe since 1500	4.0
WMST 200	Method Women Studies	3.0

**Meets Global Perspectives Requirement:**

HIST 262	Africa, Asia & Europe to 1500	4.0
HIST 263	Africa, Asia & Europe since 1500	4.0

**Social and Behavioral Analysis (3-4 credits)**

Social and Behavioral Analysis courses introduce students to the study of human behavior and/or the structures of society by acquainting students with the methods used for solving problems in the social or behavioral sciences. Upon satisfactory completion of this requirement, students will be able to identify the essential features of society and culture or the major factors of human behavior, either in general or as they apply to particular social, political or economic issues; describe the structures and functions of some major social institution or analyze the effect of social structures on their own and others’ attitudes and behavior; analyze and synthesize information that deals with social or behavioral issues, distinguish between relevant and irrelevant information and lines of reasoning and form appropriate conclusions.

ANTH 201	Introduction to Anthropology	4.0
CMA 200	Mass Media and Society	3.0
CMA 209	Mass Media and Revolution	3.0
ECON 205	Princ of Macroeconomics	3.0
LWPS 230	Introduction to Law	3.0
MGMT 205	Prin of Mgmt Intro to Organizations	3.0
PSCI 202	Women & Politics	4.0
PSCI 203	Introduction to U.S. Politics	4.0
PSCI 210	Comparative Politics	3.0
PSY 101	Introduction to Psychology	4.0
SOC 101	Principles of Sociology	4.0
SOC 215	Social Problems	4.0
WMST 200	Method Women Studies	3.0

**Meets Global Perspectives Requirement:**

CMA 209	Mass Media and Revolution	3.0
PSCI 210	Comparative Politics	3.0

**Philosophical Inquiry (3 credits)**

Philosophical Inquiry courses teach students to think in a disciplined and reasoned way about questions of reality, meaning and value by approaching such questions either theoretically or through examples that may be drawn from different disciplines or cultures. Upon satisfactory completion of this requirement, students will be able to analyze, in a preliminary way, questions about reality, meaning or value; discuss some of the traditional views on such questions; and develop criteria to arbitrate differences between conflicting normative claims about thought or behavior.

PHIL 200	Contemporary Philosophical Topics	3.0
PLWS 203	Philosophical Issues in Feminism	3.0
PLRL 205	Classical Religion & Philosophy	3.0

PHIL 211	Phil Through Film	4.0
PHIL 212	Human Nature and Society	3.0
PLRL 219	Ethics & Leadership	3.0
PHIL 220	Professional Ethics	3.0
PHIL 221	Ethics	3.0
PSCI 304	Philanthropy and Civic Life	4.0
REL 200	What is Religion? Intro to Relig Studies	3.0
REL 203	Old Testament	3.0
REL 204	The New Testament	3.0
REL 211	American Religious History	3.0
REL 212	Saint, Sinner, Heretic: Intro Christianity	3.0
REL 233	Eastern Religions	4.0

**Meets Global Perspectives Requirement:**

REL 212	Saint, Sinner, Heretic: Intro Christianity	3.0
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**Global Perspectives (3-4 credits)**

Students will take one 3 or 4 credit course designated as GP and these courses may fulfill other core or major requirements.

Courses that fulfill the Global Perspectives portion of the core promote critical reflection about global perspectives in one of the following ways:

1. critically examining a work, discourse or institution of global significance in its historical context and suggesting ways it has influenced world cultures, ideas or issues or
2. describing the cultural, ideological or institutional structures that transcend two or more national, cultural or continental boundaries and critically considering how two or more different communities divergently experience the world shaped by such global structures.
3. Study abroad for at least one full semester would fulfill this requirement.

*Students admitted to Hood prior to Fall 2014 are exempt from the Global Perspectives core requirement.*

AFPS 350	African Politics	3.0
AFPS 353	Contemporary Afr Political Thought	3.0
ART 250	Art of Asia	4.0
CMA 209	Mass Media and Revolution	3.0
CSIT 302	Impact of Computers on Society	3.0
ECON 324	International Trade	3.0
ENHN 463	International Currents in Modern Fiction	4.0
FREN 207	Cultural Perspectives on Fren Lit I	3.0
FREN 310	Le Roman d'initiation	3.0
FREN 314	Refinement Politeness & Social Beh	3.0
GEOG 101	Cultural Geography	3.0
GLBS 200	Introduction to Global Studies	3.0
GLBS 300	Challenges/Opportunities of Globalizatn	3.0
HIST 246	Introduction to Africa	4.0
HIST 262	Africa, Asia & Europe to 1500	4.0
HIST 263	Africa, Asia & Europe since 1500	4.0
HIST 316	The Middle East in Modern Times	4.0
HIST 336	The World since 1945	4.0
HIST 343	Modern Russia	4.0
HIST 353	US Foreign Relations since World War II	4.0
HIST 368	Early Modern Europe, 1517-1789	4.0
HIST 369	Modern Europe, 1789-2000	4.0
HNPL 316	Perspectives in Global Health	3.0
HON 201	Honors Colloquium III	3.0
HNPS 354	African Political Autobiography	3.0
HSPS 345	Global Persp/Women, Power & Politics	4.0

ITLS 301	The Culture of India	4.0
LSSP 215	Hispanic & Latino Film	3.0
LSSP 333	Latin American Poetry	3.0
MATH 470	Seminar: History of Math and	2.0
MATH 471	Research Project in the History of Math	1.0
MEST 300	Cultures of the Middle East	4.0
MGMT 314	International Business	3.0
MUSC 302	World Music	3.0
PLRL 301	Indian Thought	3.0
PLRL 306	Chinese Thought	4.0
PSCI 210	Comparative Politics	3.0
PSCI 215	International Relations	4.0
PSCI 323	Politics of the Developing World	3.0
REL 212	Saint, Sinner, Heretic: Intro Christianity	3.0
REL 304	Islam	3.0
REL 342	From Abolitionism to Human Rights	3.0
SOC 318	Global Social Problems	4.0
SPAN 207	Cultural Perspectives on Spanish Lit I	3.0

## CORE REQUIREMENTS - BACHELOR OF SCIENCE DEGREE, COMPUTER SCIENCE AND COMPUTATIONAL SCIENCE MAJORS

Students entering Hood as a first-year student who plan to pursue the B.S. degree in Computer Science or the B.S. in Computational Science must complete the Foundation and Methods of Inquiry sections of the Hood College Core Curriculum.

Transfer students planning to pursue the B.S. degree in Computer Science or Computational Science who have not earned an A.A., A.A.T. or A.S. degree must complete a minimum of 40 credits in liberal arts and sciences courses at Hood College or another institution, including the following:

**English Composition (3 credits)**

**Oral Communication (3 credits)** (It is recommended that this course emphasize the practice, rather than just theory.)

**Arts and Humanities (9 credits)**

**Mathematics (3 credits)** (at the pre-calculus level or higher)

**Biological and Physical Sciences (3 credits)****Social and Behavioral Sciences (6 credits)****Physical Education or Health (2 credits)**

## CORE REQUIREMENTS - BACHELOR OF ARTS DEGREE/A.A. EQUIVALENCE

Transfer students who have not earned an A.A., A.A.T. or A.S. degree may still be eligible for an exemption of Hood's Foundation and Methods of Inquiry core requirements. Upon evaluation of transcripts of all prior college level work, students determined to have completed at least 56 transferable credits and the appropriate General Education distribution as listed below will be granted A.A. equivalency.

**English Composition (3 credits)**

**Arts and Humanities (6 credits)** (two separate disciplines)

**Mathematics (3 credits)** (at or above level of college algebra)

**Biological and Physical Sciences (7-8 credits)** (one lab, one non-lab)

**Social and Behavioral Science (6 credits)** (may be from same discipline)

Transfer students whose only deficiency in meeting the A.A. equivalency requirements as listed above is in either the math or English composition requirement, will be given the opportunity to complete an appropriate math or English composition course at Hood College in their first semester of course work. Upon completion of the English composition or math course at Hood, A.A. equivalency will be awarded.--

All students must satisfy the Global Perspectives category of the Core. Appropriate transfer courses may fulfill this requirement.

## UNDERGRADUATE ACADEMIC POLICIES

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*Appeals to academic policy may be made to the Committee on Academic Standards and Policies. Petition forms are available in the Office of the Registrar.*

### ACADEMIC HONOR CODE

All Hood undergraduates affirm on each class assignment that they “have neither given nor received any unauthorized aid.” Cheating or plagiarism—any unacknowledged use of another person’s language or ideas—is thus both an affront to the general standards of conduct on which an intellectual community depends and a specific violation of the Honor Code. As such, these offenses are treated seriously and may lead to severe disciplinary action, including dismissal from the College. For a full description of the policies and procedures of the Honor Code, contact the dean of students.

Students wishing advice on the proper use and acknowledgement of scholarly materials should consult their individual instructors, the library staff and any of the several reliable guides to scholarly writing that these sources may recommend.

### Copyright Statement

Hood College affirms the obligation of its faculty, staff, and students to comply with all Federal copyright laws (Title 17, United States Code). Copyright law gives copyright holders (writers, publishers, artists, etc.) exclusive rights to distribute, copy, perform, or publicly display, their own original works. The College recognizes its obligation to promote the rights and responsibilities granted under this law. Hood College assumes that any questions regarding copyright, as they apply to materials for instructional or other College use, will be resolved prior to the use of those materials on College-owned equipment or in College-sanctioned activities.

As members of an institution with an established Honor System emphasizing intellectual integrity, the Hood College community should recognize their responsibility to follow the law and to model it for others. All members of the College community are responsible for complying with College guidelines regarding the legal use of copyrighted materials, regardless of their format or the purpose for which they are used, and for complying with the requirements of copyright law, including obtaining required permissions to use copyrighted materials. Members of the Hood community who willfully disregard copyright law do so at their own risk

and assume any liability, which may include criminal, and/or civil penalties. In addition, disciplinary action may be taken as outlined a) for students, in the Bylaws of the Student Government Association (Judicial System), b) for faculty, in the Faculty Code (Termination or Sanctions for Cause), and c) for staff, in the Staff Handbook (Section 405.3).

### Peer-to-Peer File Sharing

Uploading or downloading works protected by copyright without the permission of the copyright owner is an infringement of the copyright owner’s exclusive rights of reproduction and/or distribution. Anyone found to have infringed a copyrighted work may be liable for statutory damages up to \$30,000 for each work infringed and, if willful infringement is proven, liability may be increased up to \$150,000 for each work infringed. An infringer of a work may also be liable for the attorney’s fees incurred by the copyright owner to enforce his or her rights. The files distributed over peer-to-peer networks are primarily copyrighted works, and there is a risk of liability for downloading material from these networks. There are currently many “authorized” services on the Internet that allow consumers to purchase copyrighted works online, whether they be music, e-books, or motion pictures. By purchasing works through authorized services, consumers can avoid the risks of infringement liability.

### The Digital Millennium Copyright Act

The DMCA is a response to concerns regarding the pirating and distribution of digital materials, and it helps to clarify how copyright relates to those materials. The DMCA criminalizes the development of technologies intended to circumvent devices (such as passwords or encryption) that limit access to copyrighted material, and it also criminalizes the act of circumvention itself. Institutions of higher education that act as Internet Service Providers (such as Hood College) are granted limited liability for copyright infringement involving the use of their networks if they take steps to designate a local agent to receive notices regarding instances of infringement over the local network and for effecting a “take-down” of the infringing material. The Library Director will provide contact information for Hood’s Take-Down Officer.

## ACADEMIC HONORS

### Commencement Honors

Commencement Honors are awarded to graduating seniors who have achieved the following composite average at the time of graduation (see *The Hood College Grade Point Average and The Composite Average* located under *Grades* (p. 40)):

- Summa Cum Laude: 3.95–4.00
- Magna Cum Laude: 3.85–3.94
- Cum Laude: 3.70–3.84

### Convocation Honors

Convocation Honors are awarded to current sophomores, juniors or seniors who achieved a 3.6 or above G.P.A. for the preceding year. The College bases this G.P.A. on at least 12 semester hours of Hood work (or approved study away) on letter-grade basis. Students who have outstanding incomplete grades for the year are not eligible.

### Dean’s List

The Dean’s List recognizes degree-seeking students who completed at least 6 semester hours of Hood work (or who have received permission to study abroad or away for a semester) and achieved a 3.5 or above

semester G.P.A. Students who have outstanding incomplete grades for the semester are not eligible.

## Hood College Scholar

Hood College Scholars are named at the beginning of the junior or senior year, is the student who received Convocation Honors for at least two consecutive years (may include approved study away). A student who has graduated from the College is not eligible to become a Hood College Scholar.

## ACADEMIC STANDING AND CLASSIFICATION

### Classification

- Freshman: fewer than 25 credits earned.
- Sophomore: 25-55 credits earned.
- Junior: 56-86 credits earned.
- Senior: 87 or more credits earned.

### Academic Standing

Students are in good academic standing when both the semester and cumulative Grade Point Averages are at least 2.0. Hood makes every effort to assist students to maintain this academic standard. It is the student's responsibility to take advantage of the College's academic, health and psychological counseling services as a means of overcoming problems impeding progress.

At the end of each semester, the Committee on Academic Standards and Policies considers the records of those students who have earned a semester or cumulative average below 2.00, and examines the records of students previously placed on academic warning or probation. Academic action by the Committee is based not only on the academic record, but includes input from the offices of Residence Life, Disability Services, Student Affairs and the student's instructors and adviser, regarding issues such as attendance and completion of assigned coursework, and issues from outside the classroom that may have affected a student's academic success. Based on all the information, students will be placed on academic warning, academic probation, required leave of absence or be dismissed from the College.

### Academic Warning

A student will be placed on academic warning if his or her semester Grade Point Average (G.P.A.) falls below 2.0.

### Academic Probation

A student will be placed on academic probation if his or her cumulative Grade Point Average (G.P.A.) falls below 2.0. Academic probation means that a student is in danger of being dismissed from the College for academic reasons. Students on academic probation must make satisfactory progress the following semester or risk being dismissed.

Students on academic probation may not register for more than 14 credits or 4 courses without permission from the Committee on Academic Standards and Policies.

Students who are placed on Academic Probation will be required to sign a copy of the probation letter, indicating they have agreed to assume responsibility for their academic status by attending classes regularly, completing assignments on time, using course, mathematics and composition tutoring services and/or doing whatever is appropriate to resolve their specific academic problems.

## Academic Dismissal

The College, upon recommendation of the Committee on Academic Standards and Policies, may at any time dismiss a student who is experiencing academic difficulty. This policy applies to all students. Although all cases are decided individually, the Committee on Academic Standards and Policies will use the following guidelines when reviewing academic records:

1. Students whose cumulative Grade Point Averages (G.P.A.) fall below the following levels will be dismissed:

Total Semester Hours Attempted*	Minimum Cumulative Hood G.P.A.
Less than 30 credits	1.75
30 or more credits	2.00

\*Credits attempted include all transfer credits accepted by Hood.

However, grade point averages listed in this table are based on Hood work only.

2. Students with three consecutive semester averages below 2.0 will be dismissed.

3. The College reserves the right to dismiss at any time any students who fail to meet minimal standards of academic responsibility or who are deemed to be a detriment to themselves or to others, as determined by the vice presidents of academic affairs or student life. Such grounds for dismissal could include but are not limited to ceasing to attend classes, disrupting the life and work of the College community or completing any semester with a term grade point average below 1.0. This policy applies to all students, including first-semester first-year students.

4. Students who are dismissed from the College may not enroll in classes as a nondegree-seeking student.

### Exceptions:

1. Students with more than two consecutive semesters on probation may be permitted to remain at the College only if the student has earned a G.P.A. above 2.0 in the most recent regular (fall or spring) semester and in the opinion of the Academic Standards and Policies Committee is making satisfactory progress toward the completion of degree requirements.
2. The Committee on Academic Standards and Policies Committee may make exceptions to the above-mentioned guidelines based on input about unique circumstances from the Offices of Residence Life, The Josephine Steiner Center for Academic Achievement and Retention, Disability Services, Student Affairs and/or the student's instructors and adviser.

Appeal for exemption from dismissal may be granted by the provost and dean of the faculty in unusual circumstances and following consultation with the Committee on Academic Standards and Policies, the student's instructors and adviser and other relevant offices. Appeals for reinstatement must be received two weeks prior to the first day of classes. Students whose appeals are granted will be readmitted to the College for one semester on a provisional basis. Failure to comply with the conditions specified in the letter allowing them to return to the College will result in their dismissal at the end of the provisional semester, if their minimum G.P.A. for retention is not attained.

## Dismissal and Reinstatement

Students who are dismissed for academic reasons may petition for reinstatement after completing a minimum of one full-time semester at another accredited institution and receiving no grade below a C.

The following is the procedure for possible reinstatement:

- The student writes to the registrar to request permission to return to Hood.
- The student provides transcripts of work attempted elsewhere or other pertinent information.
- The Committee on Academic Standards and Policies reviews the request and makes a decision regarding reinstatement.

A student who is reinstated will be placed on academic probation.

Reinstatement does not automatically reinstate financial aid. The student must notify the Office of Financial Aid.

If a student is dismissed for nonacademic reasons, the student must request in writing to the dean of students permission to return to Hood. The dean of students decides if the student may be reinstated.

## Financial Aid Implications

Financial aid recipients are required to be in good academic standing and maintain satisfactory academic progress toward degree requirements. Please refer to the financial aid section of the catalog for financial implications.

## ATTENDANCE AND ABSENCE

The College does not set a maximum number of absences permissible in any course. Individual faculty members have the prerogative to establish a maximum number of absences at the beginning of the semester, and are encouraged to include a written statement of their attendance policy on the course syllabus. Students accept full responsibility for seeing that work does not suffer from excessive absence.

The College recognizes that there are other justifiable reasons for class absence: observance of religious holidays or participation as a representative of the College in athletic contests or cultural performances. Such absences are acceptable only if previous absences are not excessive and if the student has made arrangements with the instructor, prior to the day of the absence, for the work missed.

### Limits/Restrictions:

- Students must attend the first class meeting of each of their courses or notify the instructor or the Registrar's Office of their absence, or risk being withdrawn from the class with a grade of WX.
- Enrollment in a course constitutes an informal contract with the instructor, and a student who violates an instructor's attendance policy risks dismissal from the course. Instructors may have a student withdrawn from a class and a grade of WX recorded up until the deadline for course withdrawal. After the course withdrawal deadline has passed, the student receives a grade of F.
- A student who is dismissed from a course for excessive absences or who is withdrawn from the class for failing to appear at the first class meeting may be reinstated only by the joint consent of the course instructor and the registrar.
- Classes are held up to the date and hour preceding vacations and they resume promptly after the recess in accordance with the academic calendar. Students are expected to attend classes meeting just prior to and immediately following holiday periods.

- Students are fully responsible for making up work missed due to class absence. When students are absent, they are responsible for obtaining lecture notes from reliable sources. Assignments and projects are to be delivered to the instructor on the assigned date, even when the student does not attend class. All exams are to be taken at the scheduled time. Having another exam scheduled on the same day is not considered sufficient justification for rescheduling the exam.

The College requires instructors to inform the director of The Josephine Steiner Center for Academic Achievement and Retention of students who demonstrate erratic attendance patterns. This is not done to penalize the student but rather to ensure that College officials can assist students in making consistent progress toward the degree.

## AUDIT

With instructor permission, a student may enroll in most lecture courses as an auditor. As the term implies, auditors listen rather than engage in class discussions and projects. Auditors attend class regularly but do not write papers or take exams or quizzes.

### Limits/Restrictions:

- The student receives neither credit, grade nor grade points for an audit; however, the audit does appear on the transcript.
- There is no limit on the number of courses that a student may audit during a semester. If the audited course or courses cause a student to exceed 18.5 credits, the excess credits will be billed by the undergraduate per-credit-hour fee.
- It is not possible to audit courses such as creative writing, painting, drawing, labs and other courses where the nature of the activity requires the participation of the student. Students may enroll on a noncredit basis in such courses by paying the current per-credit-hour fee.
- No changes to or from the audit option may be made after the end of drop/add period.
- A student may take for credit, at a later time, a course that was previously audited.
- Part-time students pay a reduced audit fee to audit a course See Undergraduate Tuition and Financial Aid, Costs.

## CREDIT FOR PRIOR LEARNING

Hood awards credit for prior learning through Advanced Placement exams, CLEP and DANTES exams, departmental challenge exams, portfolio work, International Baccalaureate, military training and noncollegiate programs approved by the American Council on Education. These alternative modes of learning are evaluated separately from transcripts of traditional transfer credit from other accredited schools.

### Limits/Restrictions:

- Credit for prior learning is awarded only to students admitted as degree candidates.
- A maximum of 30 hours of credit may be earned through any combination of prior learning credits and Hood courses elected on the Satisfactory/Unsatisfactory basis.
- Students may not receive credit by examination for any course that they have previously audited, failed, received credit or from which they have withdrawn.

- Credit through examination or portfolio may not be attempted during the final 15 hours of credit.
- Credit through examination or portfolio may not count in the minimum of 30 Hood credits required for the degree.
- The requirement of 12 credits of coursework at Hood in the major cannot be fulfilled by portfolio credit or through credit by examination.

## Advanced Placement

Unless otherwise noted, Hood College awards credit upon receipt of the official AP Grade Report for AP scores of 4 or 5 for the following tests:

### Art:

Art History, 3 credits for ART 220 and exemption for ART 221  
 Studio Art, 3 credits for ARTS 101 or ARTS 123 (score of 3 is acceptable).  
 The Department of Art and Archaeology will determine for which course credit will be awarded after portfolio review.

### Biology:

Biology, 4 credits for BIOL 110-139 with a score of 4 or 5

### Chemistry:

Chemistry, 4 credits for CHEM 101 with a score of 4; 8 credits for CHEM 101 and CHEM 102 with a score of 5.

### Computer Science :

Computer Science Test A, 3 credits for CS 201  
 Computer Science Test AB, 3 credits for CS 202

### Economics:

Macroeconomics, 3 credits for ECON 205  
 Microeconomics, 3 credits for ECON 206

### English:

English Language/Composition, 3 credits for ENGL 101  
 English Literature/Composition, 3 credits for ENGL 221

### Environmental Science and Policy :

Environmental Science, 3 credits for ENSP 101 for score of 5

### Foreign Languages:

Chinese Language and Culture, 3 credits, No Hood equivalency  
 French Language and Culture, 3 credits, No Hood equivalency  
 German Language and Culture, 3 credits, No Hood equivalency  
 Italian Language and Culture, 3 credits, No Hood equivalency  
 Japanese Language and Culture, 3 credits, No Hood equivalency  
 Latin, 3 credits, No Hood equivalency  
 Spanish Language and Culture, 3 credits, No Hood equivalency

### Geography:

Human Geography, 3 credits for GEOG 101

### History:

European History, 3 credits, no Hood equivalent  
 United States History, 3 credits each for HIST 217, HIST 218  
 World History, 3 credits each for HIST 262, HIST 263

### Mathematics:

Calculus AB, 3 credits for MATH 201  
 Calculus BC, 3 credits each for MATH 201, MATH 202  
 Calculus BC/AB Subscore of 4 or 5, 3 credits for MATH 201  
 Statistics, 3 credits for MATH 112

### Music:

Music Theory, 3 credits for MUSC 101

### Physics:

Physics B, 4 credits for PHYS 101 with score of 4; 4 credits each for PHYS 101, PHYS 102 with score of 5  
 Physics C-Mechanics, 4 credits for PHYS 203 with score of 4  
 Physics C-Electricity/Magnetism, 4 credits for PHYS 204 with score of 4

### Political Science :

Comparative Government, 3 credits for PSCI 210  
 United States Government, 3 credits for PSCI 203

### Psychology:

Psychology, 3 credits for PSY 101

### CLEP

Unless otherwise noted, Hood College awards credit for scores of 50 on the following CLEP examinations:

### Biology:

Biology, 4 credits for BIOL 110-139 for score of 52

### Business Administration:

Principles of Management, 3 credits for MGMT 205  
 Principles of Accounting, 6 credits for MGMT 281, MGMT 284

### Economics:

Principles of Macroeconomics, 3 credits for ECON 205  
 Principles of Microeconomics, 3 credits for ECON 206

### Education:

Human Growth and Development, 3 credits for EDUC 223 for score of 52. Students who transfer credit for a similar human growth and development course must take the departmental test to qualify for courses for which EDUC 223 is a prerequisite. No additional credit is earned for this test.

### English:

American Literature, 3 credits for ENGL 223  
 English Literature, 3 credits for ENGL 222

### History:

History of the United States I, 3 credits for HIST 217  
 History of the United States II, 3 credits for HIST 218

### Mathematics:

Calculus, 6 credits. No Hood equivalency  
 Precalculus, 3 credits for MATH 120

### Political Science:

American Government, 3 credits for PSCI 203

**Psychology:**

Human Growth and Development, 3 credits for PSY 237  
 Introductory Psychology, 3 credits for PSY 101

**Sociology:**

Introductory Sociology, 3 credits for SOC 101 with a score of 52

**DANTES**

Hood awards credit for the following DANTES examinations:

Geography 101  
 History - No Hood course equivalency  
 History 234  
 Mathematics 112  
 Religion - No Hood course equivalency

**Departmental Examinations**

\$195 per test for Hood students; administered through The Josephine Steiner Center for Academic Achievement and Retention 301-696-3569.

**Departmental examinations may not be repeated. Credit is awarded for grades of A, B or C on the following departmental examinations:**

CHEM 101 – 3 lecture credits; may be used to fulfill Non-laboratory area of the Core  
 CHEM 102 – 3 lecture credits; may be used to fulfill Non-laboratory area of the Core  
 IT 180 – 3 credits  
 MATH 120 – 3 credits  
 MATH 201 – 3 credits if Level III has been earned on the BSI  
 MATH 202 –3 credits (test available only to students who have earned credit for or completed MATH 201)  
 MATH 207 – 3 credits if Level III has been earned on the BSI  
 MATH 253 – 3 credits  
 MUSC 103 – 3 elective credits  
 PHIL 207 – 3 credits  
 PE 225, 226 – 3 credits each  
 PHYS 101, PHYS 102 (p. 226) –3 lecture credits each; may be used to fulfill Non-laboratory area of the Core  
 PHYS 203, PHYS 204 (p. 227)–3 lecture credits each; may be used to fulfill Non-laboratory area of the Core

**Foreign Language Placement Examinations:**

*Additional credit in French, German, Latin and Spanish is awarded at the end of the first semester with grades of A, B or C earned for the following placements:*

**3 credits** – Placement in and completion of a 103-level course during first semester at Hood ; no credit for students awarded credit for AP/Foreign Language

**6 credits** – Placement in and completion of 203, 204 or civilization course during first semester at Hood; 3 credits for students awarded credit for AP/Foreign Language

**9 credits** – Placement in and completion of 207 or a 300-level course during first semester at Hood ; 6 credits for students awarded credit for AP/Foreign Language

Students are exempt from the Foreign Language Core requirement if placed by exam, but choose not to enroll, in a 103 or above foreign language course. No credit is earned.

**International Baccalaureate**

Credit is awarded only upon receipt of the official IB transcript. Students who have received an IB diploma, with a score of 30 or higher and with no score less than 4 in any one of the six examination groups, may be awarded up to 30 credits toward an undergraduate degree at Hood College. Students who have not completed the full IB diploma will receive 6-8 credits for Higher Level examination results of 5, 6 or 7.

**Portfolio Advantage Program**

Hood College awards credit for alternative modes of learning. Students who have acquired college-level learning through life experiences and other noncollegiate activities may want to explore Hood's Portfolio Advantage Program. This program enables a degree-seeking student to earn credit for prior learning through work and/or volunteer experience equivalent to college-level courses. Students should do so only if the learning cannot be assessed through standardized or departmental measures.

At Hood, the portfolio is an organized presentation of a student's past experiences that identifies and documents specific skills that the student has learned, mastered and applied to be successful. Once the written portfolio is completed, the document is reviewed and evaluated by a member of the faculty who will determine if what the student has written is equivalent to what is taught in class. It is the portfolio that enables a professor to evaluate work and volunteer experience and to grant credit for relevant learning beyond the classroom.

**To participate in Hood's Portfolio Advantage Program:**

- Once admitted as a degree-seeking student, students must register for at least 3 credits before they can begin the Portfolio program. Three credits of coursework must be earned before portfolio credits are awarded.
- Degree candidates interested in the Portfolio Advantage Program are required to work with the Writing Skills Coordinator in the Center for Academic Achievement and Retention (CAAR). The fee for this program is \$935.
- The complete portfolio must be submitted within one year of beginning the program.
- Portfolio credit may be awarded only if the learning is appropriate to Hood's general education requirements, electives and/or specific programs. Based on the quality of writing and construction of the portfolio and the content, credit will be awarded for work equivalent to a grade of C or better.

**Military Experience**

Hood recognizes the unique nature of the military lifestyle and has committed itself to easing the transfer of relevant course credits and crediting learning from appropriate military training and experiences. Students need to provide a copy of their DD214 and/or ACE/AARTS transcripts. One credit in physical education is awarded for military basic training. First aid certification will receive elective credit for PE 214.

**DOUBLE-NUMBERED COURSES AND UNDERGRADUATE ENROLLMENT IN GRADUATE COURSES**

Certain courses have been designated as appropriate for both graduate students and undergraduates. These double-numbered courses are identified by numbers in both the 400 and 500 range. Undergraduate

students enroll in a double-numbered course at the 400-level and receive undergraduate credit. Graduate students enroll at the 500-level and receive graduate credit.

Undergraduate students must meet different performance standards from the graduate students. These differences may relate to the quality and/or quantity of work required, and may also involve measures of grading.

**To be eligible to take a 400/500-level course**, undergraduate students must have a cumulative Grade Point Average of 2.0 or better and have earned at least 56 credits, including 12 credits or more at the 200 level or above in the course discipline.

**To be eligible to take a 500-level graduate course and receive undergraduate credit**, Hood undergraduate students must have earned senior status (87 credits) including 12 credits or more at the 200 level or above in the course discipline; have a cumulative Grade Point Average of 3.0 or better; have a Grade Point Average of 3.0 or better in the major area of study; and complete a petition, verified by the registrar and approved by the Graduate School, the adviser and the instructor. Credit will count only toward the undergraduate degree.

**To be eligible to take a 500-level graduate course and receive graduate credit**, Hood undergraduate students must have earned a minimum of 109 credits and meet the requirements indicated above. Credit will not apply toward the 124 credits required for the undergraduate degree.

## FINAL EXAMINATIONS

Instructors give final examinations in all courses except those in which special assignments are more appropriate. Instructors inform students of final examination policy at the beginning of the term. Final exam dates are listed in the official Academic Calendar, and students' travel plans must take the dates of scheduled exams into account. No student may reschedule a final examination in order to leave or travel early. In accordance with the Hood College Honor Code, the student may not discuss any final examination in any way with anyone during the final examination period. Final examinations may not be given prior to the start of the designated examination period.

## FINANCIAL OBLIGATIONS

Grades, transcripts, future registrations and diplomas will be withheld until the student has paid all tuition, fees and other bills incurred at the College, and has returned all library books.

## GRADES

### Grading Criteria

Hood's faculty uses the following general criteria in determining grades. Demonstration of the ability to write and speak standard English is included in the grade evaluation of every course. The criteria upon which students will be evaluated is included on every course syllabus.

**A, A- (90–100)** indicates general excellence; the student displays initiative, independence and often originality in the course.

**B+, B, B- (80–89)** indicates an unquestioned grasp of the subject's fundamental facts and principles, an understanding of their significance and an ability to use them effectively; work is logically organized and technically correct; the student often shows initiative and independent work.

**C+, C, C- (70–79)** indicates the student has a fairly accurate knowledge of the subject's fundamental facts and principles and is able to apply them

reasonably well; work is fairly logical in organization and technique but it is incomplete; there is evidence of growth in handling the coursework.

**D+, D, D- (60–69)** indicates work is of inferior quality yet deserving of credit; there is some acquaintance with basic facts and principles but work is poorly organized and technically faulty; the student frequently fails to complete assignments.

**F (0–59)** indicates work shows no grasp of basic facts and principles and is not deserving of credit; it is poorly organized and technically faulty; the student frequently fails to complete assignments.

**S** indicates satisfactory completion of work done on a Satisfactory/Unsatisfactory basis; performance is at a C- level or better.

**U** indicates unsatisfactory completion of work done on a Satisfactory/Unsatisfactory basis and not deserving of credit; performance is at a D+ level or lower.

**INC** indicates incomplete work in a course because of illness or serious emergency beyond the student's control; students must arrange to finish assignments in accordance with the College's incomplete grade policy.

## Grade Appeal

Grade appeals of the final course grade must be filed in a timely manner. Students must contact the faculty member involved no later than the end of the first week of the semester following the filing of the disputed grade. If the issue is not satisfactorily resolved, the department chair must be contacted within 30 days of the beginning of the semester. Appeals to the Committee on Academic Standards and Policies must be initiated by the last day prior to midsemester recess of the semester following the filing of the disputed grade. A Final Grade Appeal, available in the Registrar's Office, must be completed and submitted with all required documents before the Committee considers the petition. A delay in the filing of a grade appeal constitutes sufficient reason for denial of the appeal by the Committee.

The Committee on Academic Standards and Policies will screen out frivolous or unsubstantiated appeals and will consider legitimate appeals that fall into the following categories:

- Miscalculation of a grade; or,
- Assignment of a grade to a particular student by application of more exacting requirements than were applied to other students in the same course.
- Assignment of a grade on some basis other than performance in the course.

All parties to the grade appeal (student, instructor, chairperson, registrar, committee members) are to maintain strict confidentiality until the matter is resolved.

## Grade Changes

Instructors have the right to change a grade if they have made an error in computing or recording a student's grade. Instructors must notify the Registrar's Office in writing of the error within three weeks after the grades have been issued. Grade changes due to a computational or recording error discovered after the deadline, and requests for grade changes for any other reasons, must be submitted by the instructor in writing to the Committee on Academic Standards and Policies.

## Midterm Low Grades

Students who earn a low grade at mid-semester (C-, D+, D, D-, F, U or INC) receive a notice of low grade(s). The low grade report does not

become a part of the student's permanent record, but is, instead, an indication of the need for corrective action.

## Final Grades

Hood releases final grades electronically to the student and the student's adviser through Self-Service. Final and midterm grades will be forwarded to parents/guardians of first-year students who have signed a release form sent to them the summer before they enter Hood.

## Satisfactory/Unsatisfactory Grade Plan

Hood provides an alternate grade plan as a means of encouraging intellectual curiosity. Under the satisfactory/unsatisfactory option, students receive a grade of "S" and credit for work of "C-" caliber or better or a grade of "U" and no credit for work of "D+" or lower quality. Neither grade is computed in the cumulative grade point average.

### Limits/Restrictions:

- Students may not choose the S/U option for any course used to satisfy the Core, in the major field, the minor field or an independent study. If a course is only offered for S/U credit, this policy does not apply.
- Students may choose the S/U option for a maximum of 12 satisfactory/unsatisfactory credits within the total 124 credits Hood requires for graduation. Students spending three years at Hood may choose the S/U option for only 9 satisfactory/unsatisfactory credits to meet graduation requirements; two years, 6 credits; one year, 3 credits. Courses only offered for S/U credit are not counted in these totals.
- At registration, students indicate their intent to take a course on the satisfactory/unsatisfactory plan on the course and schedule card. Change from one grading plan to another must have the adviser's approval and must occur before the end of the drop/add period. No changes to or from the satisfactory/unsatisfactory grading system may be made after the drop/add period.
- Students are cautioned that some graduate and professional schools and employers look negatively at satisfactory/unsatisfactory on transcripts because actual performance or mastery of the subject has not been demonstrated.

## GRADE POINT AVERAGES (GPA)

The average that appears on all transcripts and grade reports is the average of all grades earned at Hood. Accepted transfer credit is included in the earned credit total and is applied toward the 124-credit degree requirement, but the quality hours and quality points earned at another institution are not calculated in the Hood average. Foreign language majors and students participating in a Hood-sponsored, affiliated or approved semester or year abroad program at the University of Seville or the Dominican Republic programs may earn quality points for work accomplished with a passing letter grade

Each grade received at Hood on the A-F grading scale has a corresponding grade point: A=4.00; A-=3.67; B+=3.33; B=3.00; B-=2.67; C+=2.33; C=2.00; C-=1.67; D+=1.33; D=1.00; D-=0.67 and F=0.00.

Grades with no quality points include: AU, S, U, INC, Z, TR, W

By computing the quality points received for each letter grade, students can ascertain their average or grade point average. For example, a grade of "C" in a 3-credit course earns 6 quality points. Add the number of quality points earned in each course to learn the quality point total.

Divide the quality point total by the total number of credits (in courses which have letter grades) and the result is the Grade Point Average (G.P.A.).

## The Composite Grade Point Average

The composite Grade Point Average is the average of all college work attempted. All grades earned at Hood and those completed at other institutions are calculated, regardless of whether the course credit was accepted for transfer. The composite average is used to determine eligibility for various honor societies as well as determining Commencement honors.

## The Major Average

An academic department may refuse to accept as a major a student whose G.P.A. falls under 2.0 in the discipline. The department may require a student who has declared a major to drop the major if the student's G.P.A. falls below 2.0.

## GRADUATION AND COMMENCEMENT PARTICIPATION

### Graduation

In the spring of the junior year, the registrar sends rising seniors who plan to graduate in the following year a graduation audit form indicating their progress toward fulfilling degree requirements. This audit begins the graduation clearance process that continues through the senior year. Students should meet with their faculty advisers to review degree requirements and to plan their senior year registrations. At the beginning of the fall semester, seniors complete the Application for Graduation. Bachelor degrees are awarded in January, May and September.

### Commencement Participation

Students who have completed all degree requirements by the date grades are due for the second semester may participate in the May commencement.

Students graduating in January participate in the May commencement ceremony. Students completing degree requirements in September participate in the May ceremony the following year.

Students may not participate in commencement unless all degree requirements and all financial obligations to the College have been met.

## INCOMPLETE GRADE POLICY

When serious illness or emergency prevents a student from completing the work for a course, instructors may allow additional time to finish assignments. Incompletes are not substitutes for failure to attend classes or to complete assigned work.

### Limits/Restrictions:

1. The student must file an application for an incomplete grade with the Registrar's Office no later than the last day of classes.
2. An incomplete may not be granted unless a student has completed at least half the work of the course.
3. The student's progress in the course must be passing (D- or above) at the time the incomplete is requested.
4. The registrar must approve a notation of incomplete and record an INC on the student's permanent record. After the instructor assigns a grade, an "I" remains permanently on the record with the final grade earned beside it.

5. The date agreed upon for completion of all assignments may not be later than March 15 for fall semester and October 15 for spring or summer semester. Any request for extension of an incomplete grade must be submitted by the student to the Committee on Academic Standards and Policies.
6. Work not completed by the deadlines stated above will convert to a grade of zero unless an extension is approved by the Committee on Academic Standards and Policies.
7. Students who register for a subsequent semester with more than three credits of incomplete outstanding will have their schedules reviewed and their enrollment registration potentially restricted by the Committee on Academic Standards and Policies. As a result of this review, the Committee may limit the course load that a student is permitted to undertake in the subsequent semester.

## INTERNSHIP PROGRAM

### Requirements for 3- to 9-credit Internship

- Enrollment at Hood as a degree candidate (nondegree or non-matriculated students are ineligible for internships).
- A minimum 2.0 cumulative G.P.A. and 2.5 G.P.A. in the internship discipline.
- Completion of a minimum of 45 college-level credits prior to the beginning of the internship.
- Completion of at least 9 credits or three courses at the 200 level or above at Hood in the internship discipline. (See additional department requirements.)

### Requirements for 12- to 15-credit Internship

- Enrollment at Hood as a degree candidate (nondegree or non-matriculated students are ineligible for internships).
- A minimum 2.0 cumulative G.P.A. and 2.5 G.P.A. in the internship discipline.
- Completion of 75 college-level credits prior to the beginning of the internship.
- Students may enroll for 15 credits during the spring or fall only. Students may enroll for a maximum of 12 credits of internship during the summer and 3 credits in the January term. The number of credits available also varies by department.

*Note: Students may take a maximum of 15 internship credits throughout their academic career.*

### Applying for an Internship

Students considering an internship should visit the Career Center to explore internship options and pick up appropriate paperwork, including a Learning Agreement to be signed by the faculty internship adviser and the on-site supervisor.

### Internship Responsibilities

All parties have specific responsibilities for ensuring the integrity and success of the internship experience. Please refer to the Internship Handbook available on the Career Center website ([www.hood.edu/careercenter](http://www.hood.edu/careercenter)) for additional details.

### Supplemental Expenses and Time

In fulfilling the expectations of the internship, the intern may incur expenses in addition to the usual tuition and fees. Students who enroll in

an internship must plan to provide their own transportation or use public transportation.

Due to the time requirements of an internship, students may need to work during breaks and holidays. Campus housing is available when the College is not in session.

### Placement is not Guaranteed

Interns are not placed in sites and it is the student's responsibility to find a site. The Career Center and departmental offices provide many resources to the student to assist in locating a suitable internship.

### Termination of Internship

Under unusual circumstances, any party involved in the internship may terminate the agreement. Because the internship is essentially a professional commitment, Hood strongly encourages students to fulfill their obligations to complete the full term of service at the site. Unfortunately, on rare occasions, the intern or the faculty internship adviser may determine that the internship site is not an appropriate learning experience, or the internship site may determine that the intern is not a good fit for their internship. In either case, any of the parties may decide to terminate the internship. If this occurs, notify the Career Center immediately. *Please note: If an internship is terminated for any reason, the student is responsible for following all procedures regarding adding/dropping credits and is responsible for all tuition, fees and penalties associated with credit coursework.* Please refer to the Internship Handbook available on the Career Center website ([www.hood.edu/careercenter](http://www.hood.edu/careercenter)) for additional details.

### Time Requirements

A student must work a minimum of 40 hours at the internship site for each credit earned.

### LEAVE OF ABSENCE

Students who need to be away from the College for one or two semesters, but who wish to maintain ties to the College and to resume their studies at a later time, may take a leave of absence instead of withdrawing. Students who do not return from a leave of absence after two semesters will be withdrawn. Students may not request a leave of absence for the remainder of the currently enrolled semester without the written permission of the dean of students. Leave of absence forms are available in the Office of the Registrar.

Students do not file a leave of absence form in order to study abroad or at another institution in the U.S. Instead, they must file a petition with the Committee on Academic Standards and Policies for approval for study elsewhere.

### EMERGENCY LEAVE OF ABSENCE (ELOA)

A student may be granted an Emergency Leave of Absence (ELOA) for a period not to exceed two consecutive weeks within an academic semester. A request for an emergency leave of absence must be supported with appropriate documentation which is required before the leave is approved. Requests for an emergency leave of absence will be reviewed and approved by the Dean of Students and communicated to the Registrar's Office for a specified period of time.

An emergency leave of absence applies to students who must be absent for mental or physical health reasons, military commitments, international travel/documentation or any other personal or family emergency.

Students who require an emergency leave of absence beyond the two week period will be withdrawn from the semester. Failure to attend classes by the return date specified on the emergency leave of absence form will result in an automatic administrative withdrawal from the College.

Students are asked to consult with appropriate offices/personnel in processing an emergency leave of absence. Such consultations may include conversations with the Financial Aid Office, Residence Life Office, Office of Multicultural Affairs and International Student Programs, Dining Services, ROTC, and the academic adviser.

An Emergency Leave of Absence (ELOA) Form may only be obtained from the Dean of Students Office.

## REGISTRATION, DROP/ADD AND COURSE WITHDRAWAL

Advising and registration for degree candidates occurs in April for the fall semester and November for the spring semester. Matriculated students are required to meet with their advisers to select courses and review degree progress. The adviser authorizes the student for registration and, on the day indicated on the Academic Calendar, the student registers for classes via Self-Service.

### Cancellation of Courses

A fall or spring semester course is subject to cancellation when fewer than eight students are enrolled. Summer and January term classes are subject to cancellation when fewer than five students are enrolled.

The College reserves the right to cancel the course as late as the first day of classes each semester. Every effort will be made to work with students regarding program planning and placement in alternate courses that would be compatible with the cancelled course.

### Course Schedules

A credit hour usually represents one hour of class work and at least two to three hours of preparation in a given subject per week throughout the semester.

Classes usually meet on a Monday-Wednesday-Friday, Monday-Friday afternoon or a Tuesday-Thursday schedule. Except for lab sessions, 3-credit Monday-Wednesday-Friday classes generally convene for 50 minutes and Tuesday-Thursday classes for 75 minutes. Four-credit classes meet for a total of 200 minutes per week. Most evening classes meet once a week for 2-1/2 hours or twice a week for 75-minute periods.

Hood also has blocked courses, which are courses that meet for double periods during a portion of the semester. Blocked courses are primarily studio art and education courses in the teaching internship semester.

### Course Repeat Policy

A student may repeat a course under the following circumstances:

- Failure (F, U) in the course previously.
- Enrollment in a course on a credit basis after previously auditing the course.
- Course description states that a course may be repeated (e.g., MATH 335).
- Grade of "C-" or below has been initially earned in a 100- or 200-level course. Course may be repeated once.
- Failure to meet minimum grade required in a prerequisite course.

- All grades earned for a given course will remain on the academic record and be computed in the Grade Point Average. Credit will be awarded only once.
- Students may not repeat a course at Hood for which transfer credit has been awarded.

### Course Load Full-time and Part-time Status

Full-time status requires 12 credit hours or more per semester. A typical semester program consists of 15 or 16 credits except in the first year when it may be 12-15 credits.

Part-time status is accorded students taking 11.5 credit hours or fewer per semester.

Students are normally limited to 12 credits completed during the summer. Exceptions to this credit limit require permission of the Committee on Academic Standards and Policies. Students may complete a maximum of three credits during the January session.

#### Limits/Restrictions:

- Enrollment in more than 18.5 credits in one semester requires a 3.0 cumulative average and permission from the Committee on Academic Standards and Policies. Enrollment in credits beyond 18.5 requires additional tuition for each hour or fraction above that number.
- A student may not enroll in two courses which meet at the same hour.

### Drop/Add Period

Students may drop or add courses without academic penalty from the time of registration through the end of the drop/add period. See the Academic Calendar for dates.

During this period students may also change to or from the SU (Satisfactory/Unsatisfactory) grading option (see below), change to or from enrollment on an audit basis, or alter the number of credits in courses carrying variable credit.

### Course Withdrawal After Drop/Add

If a student withdraws from a course after the end of the drop/add period and before the end of the eleventh week of the semester a W (indicating withdrawal) will be noted on the transcript. This notation will not be computed in a student's grade point average.

**A student may not withdraw from a class during the last four weeks of classes.**

## SELF-DIRECTED STUDY AND TEACHING ASSISTANTSHIPS

Hood defines self-directed study as: 1) regular and X-credit independent study; and 2) internships, field work and other courses similar to internships in that they do not have a classroom component.

- Students may take a maximum of 27 credits (excluding an honors paper) in self-directed study in the total 124-credit program. A combination of internships and independent study must not exceed 15 credits of internship or 12 credits of independent study.
- Students may take a maximum of 18 credits (excluding an honors paper) in self-directed study in the major program. A combination of internships and independent study must not exceed 15 credits of internship, 12 credits of independent study or more than 1/4 of the major program (whichever is less).

- Students may not add independent study credits to internships to fill a complete semester program. An exception to this rule is independent study that students take at the Washington Center for Learning Alternatives or through a similarly structured program.
- Independent study topics may not duplicate any course offered during the period of the student's enrollment at Hood.
- Independent studies are granted to nondegree students under only exceptional circumstances.

## Teaching Assistantships

Many departments offer students the opportunity to serve as teaching assistants, for which academic credit is awarded. Serving as a teaching assistant affords a student the opportunity to understand the materials of a course or of a laboratory from the perspective of the teacher. The course number 335 designates this type of study.

### Limits/Restrictions:

- A total of 4 credits of Teaching Assistantship may be counted toward the degree. The course may be taken for 1-3 credits and may be repeated at the discretion of the department. Departments have the right to limit the number of credits granted per semester and may or may not allow students to repeat the course.
- As a general guideline, a student should work at least three hours per week for each credit granted in the assistantship. Grading is on a Satisfactory/Unsatisfactory basis.

## STUDENT INFORMATION, RECORDS AND TRANSCRIPTS

### Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act (FERPA) of 1974 (P.L. 93-380) extends to students the right of access to their education records maintained at the College. The provost, the dean of the Graduate School, and the registrar maintain these records for enrolled and former students. Information and notification as to the type of record; the accessibility of and policies for maintaining, reviewing and expunging the record; and the procedures for inspecting, reviewing, obtaining copies of or challenging the record are established by the appropriate offices.

### Student Rights and Public Information

In accordance with College policy and FERPA, the following items are considered Directory Information and will be released in response to any inquiry, unless the student notifies the registrar in writing that she/he does not wish this information released: class level, major, dates of attendance, name and dates of attendance at other institutions, degrees and dates awarded.

### Transcripts

***No transcript will be released if the student has not satisfied all financial obligations to the College.***

Hood College has authorized the National Student Clearinghouse to provide transcript ordering. This service provides 24 hour access, seven days a week; secure transactions; secure electronic transcript delivery worldwide; on-demand order tracking and updates emailed to the student; enables additional documents to be delivered with the transcript; and the ability to order multiple transcripts for multiple recipients in one order.

Current students may place transcript requests through Self-Service.

Alumnae and former students may access the Clearinghouse through [www.getmytranscript.com](http://www.getmytranscript.com).

Normal requests are processed within 3-5 working days upon receipt of request. Rush transcripts are processed in 24 hours of the next working day at a charge.

## TRANSFER POLICY AND ATTENDING OTHER INSTITUTIONS

### Transfer Policy

The registrar evaluates prior college coursework and credit earned through alternative methods for applicability to degree requirements at Hood College. Credit is generally awarded for courses that are clearly applicable to a baccalaureate degree and for which the student earned a grade of C- or above. Courses that are clearly vocation or occupational in nature will not be accepted as credit towards the baccalaureate degree. A maximum of 62 credits may be awarded for freshman/sophomore level work completed elsewhere. Although there is no limit for junior/senior level coursework, students will be awarded no more than a total of 94 credits for all college-level work completed.

The transferability of credits from an institution that is not accredited by a regional accreditation agency may be considered upon receipt of documentation that demonstrates equivalency regarding course information, equivalencies and learning outcomes. It is the student's responsibility to provide this documentation.

The final 30 hours of the degree must be taken on the Hood campus (see *Undergraduate Degree Requirements*). In addition, the College requires transfer students to take a minimum of 12 credits of classroom instruction in the major discipline at Hood, regardless of the number accepted in transfer. Transfer students must submit their transcripts to the registrar prior to enrollment. All transfer documents must be filed within the first semester of enrollment. The registrar may refuse to award credit if students fail to meet this deadline.

All grades earned at Hood and those completed at other institutions are calculated in the composite grade point average, regardless of whether the course credit was accepted for transfer. The composite average is used to determine eligibility for various honor societies as well as determining Commencement honors.

### Degree Students Attending Other Institutions

Students may receive credit for coursework completed with a grade of C- or above at another accredited institution during the academic year or the summer with prior approval of the department and the registrar.

Students must petition to take a course from another college during any semester or session. The course may not be offered at Hood during that semester/session. Petitions are available in the Registrar's Office. The maximum number of credits that can be taken during the summer is one credit more than the number of weeks in the session for a maximum of 12 credits. Students may enroll for up to 4 credits during a three-week January term.

### Community College Exchange

Full-time Hood students may take one course each semester at Carroll Community College (CCC) or Hagerstown Community College (HCC) without charge, provided that the course chosen is not offered at Hood during the academic year. CCC also offers the exchange to Hood students during their summer sessions. To register, students obtain the consent of

their advisers and the Hood registrar. The registrar will provide a statement of enrollment for registration at CCC or HCC.

## Withdrawal from the College

A student may withdraw from the College at any time during the semester. See *Tuition and Financial Aid* (p. 21) for refund information. If the withdrawal occurs after the drop/add period, a grade of W will be recorded for each course.

## Reinstatement after Withdrawal

Students in good academic standing at the time of withdrawal and with no holds on future registration are eligible for reinstatement to the College. Reinstatement requests must be sent to the Registrar, indicating the year and semester of return; if the student will return as a full or part-time student and as a resident or commuter. Students will be readmitted with the major active at the time of withdrawal.

# UNDERGRADUATE MAJORS, MINORS AND CERTIFICATES

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## Majors

Concentrations within a major are listed below the major.

\**Secondary education certification is available in majors followed by an asterisk (\*)*.

### Bachelor of Arts

Accounting (p. 69)

Art and Archaeology (p. 59)

archaeology (p. 59)

art education (preK-12) (p. 60)

art history (p. 60)

studio arts (p. 61)

Biochemistry (p. 66)

Biology\* (p. 62)

Business Administration (p. 69)

accounting

finance

human resource management

individual career interest

international economics and finance

marketing

Chemistry\* (p. 67)

Communication Arts (p. 75)

digital media

Early Childhood Education (p. 73)

Economics (p. 70)

international economics

political economy

Elementary/Special Education (p. 74)

English\* (p. 76)

creative writing (p. 77)

drama and theatre (p. 77)

literature (p. 76)

Environmental Science and Policy (p. 65)

environmental biology

environmental chemistry

environmental policy

French\* (p. 78)

French/German (p. 79)

German (p. 79)

Global Studies

(p. 79)

History\* (p. 81)

public history (p. 82)

Integrated Marketing Communication (p. 71)

Latin American Studies (p. 80)

Law and Criminal Justice (p. 92)

law (p. 92)

criminal justice (p. 92)

Mathematics\* (p. 85)

Middle Eastern Studies (p. 80)

Music (p. 86)

music history and literature (p. 87)

music performance (p. 87)

piano pedagogy (p. 88)

Philosophy (p. 89)

Political Science (p. 93)

Psychology (p. 95)

Religion (p. 90)

Social Work (p. 96)

Sociology (p. 96)

Spanish\* (p. 81)

### Bachelor of Science

Computational Science (p. 84)

molecular biology

ecology

chemistry

physics

Computer Science (p. 68)

Nursing (p. 89)

### Pre-Professional Preparation

Pre-Dental Studies (p. 94)

Pre-Law Studies (p. 94)

Pre-Medical Studies (p. 94)

Pre-Veterinary Studies (p. 94)

### The Single Major

Students enrolled in one major specialize in one of the fields Hood offers. Declaration of major is made during the spring of the sophomore year. An academic department may refuse to accept as a major, or may drop as a major, a student whose Grade Point Average in the discipline falls below 2.0.

#### **The Double Major**

As a double major, the student specializes in two of the fields Hood offers. At least one of these fields must be declared during the spring of the sophomore year. Students must identify the second major in the same manner during the spring of the junior year. Students should consult the appropriate department chairperson for assignment to a second adviser in the second major.

Double majors must meet the major requirements of both departments. The courses may count for requirements in both majors, but the credits can only count toward one major.

Students must confer with both advisers prior to each registration. In programs where there is great overlapping of requirements, a student may not double major (e.g., law and society and political science).

#### **The Interdepartmental Major**

The purpose of the major is to allow students with superior achievement to use the existing courses, curriculums and programs to structure an individualized program of studies with the guidance and assistance of a program advisory committee.

Working with the Program Advisory Committee, consisting of faculty members from the represented disciplines, the student submits a petition of interdepartmental major requirements no later than March 15 of the sophomore year to the Committee on Academic Standards and Policies for consideration. Transfer students with first-semester junior status must submit petitions no later than October 15 or March 15 of the first semester on campus.

To graduate as an interdepartmental major with an individually designed program, a student must have at least 15 credits in one of the areas represented in the major and at least 12 credits in another field for a total of at least 30 credits, 15 of which must be at the 300- or 400-level. A 300- or 400-level capstone course is required. Approval is necessary before the student implements the program. The individualized program is a contract and, as such, is binding.

Students may count toward the major only those courses which are included in the program outline. (Courses within the disciplines contained in the interdepartmental major, but not included in the program outline, are considered electives.)

If a student wishes to revise the approved program, the primary adviser will assist and the Program Advisory Committee must approve the amended outline by majority vote. Any amendments must be submitted to the Committee on Academic Standards and Policies for approval. However, no significant changes will be permitted if the student is within 36 semester hours of graduation.

#### **Minors**

The following minors are offered at Hood:

Actuarial Science

(p. 47)

African-American Studies (p. 47)

African Studies (p. 48)

American Studies (p. 48)

Archaeology (p. 48)

Art History (p. 49)

Biology (p. 49)

Business Administration (p. 49)

Chemistry (p. 49)

Classical Studies (p. 49)

Coastal Studies (p. 50)

Computer Science (p. 50)

Criminology and Delinquency (p. 50)

Economics (p. 51)

Environmental Studies (p. 51)

French (p. 51)

French/German (p. 51)

German (p. 51)

Gerontology (p. 52)

Global Studies (p. 52)

History (p. 53)

Journalism (p. 53)

Literature (p. 53)

Management (p. 53)

Mathematics (p. 53)

Mathematics Education (p. 53)

Medieval Studies (p. 54)

Middle Eastern Studies (p. 54)

Music History and Literature (p. 54)

Music Performance (p. 54)

Philosophy (p. 55)

Physics (p. 55)

Political Science (p. 55)

Psychology (p. 55)

Public Relations (p. 56)

Religion (p. 56)

Renaissance Studies (p. 56)

Social Science Research (p. 56)

Social Work, Pre-Professional Practice (p. 57)

Sociology (p. 57)

Spanish (p. 57)

Studio Art (p. 57)

Theater and Drama (p. 58)

Web Development (p. 58)

Women's and Gender Studies (p. 58)

Writing (p. 59)

**Students may choose from a variety of programs which the College has designated as minor fields of study. The purposes of the program of minors are as follows:**

- To provide opportunities for students to pursue in a focused and integrated manner programs of study not currently available as majors;
- To use existing resources to provide distinctive and challenging curricular opportunities;

- To provide an alternative to double majors for students who wish to pursue more than one program of study;
- To integrate further the liberal arts and career preparation through opportunities to combine a liberal arts major with a career-related minor or a career-related major with a liberal arts minor; and
- To enable graduates to prepare for careers or further study in more than one area of concentrated knowledge.

The grouping of courses in a minor may be identical to a concentration. However, a concentration is elected by students within a major, while a minor is elected by students majoring in another field. The minor consists of a minimum of 15 credits of course work, forming a coherent program relating to a specific academic objective. Students are allowed to have two majors and a single minor, or a major and two minor fields. Minors are not required of students.

#### The following are requirements for a minor:

- A minimum of 12 credits in the minor must be taken outside the student's major and may not overlap with the major. If there is additional overlap, the credit must count in the major. The course may be used to fulfill a requirement in the minor, but the credit may count only in the major.
- If a student elects a second minor, a minimum of 12 credits must be taken outside the first minor. Courses may be used to fulfill requirements in both minors, but the credit may count only in one minor.
- Students must have a Grade Point Average of 2.0 in the minor and a minimum of 9 credits completed at Hood College for the minor to be listed on the academic record.
- A maximum of 21 credits may be counted in the minor.
- Courses counted in the minor may also count in the Core.
- Declarations of a minor occur during the spring semester of the junior year when students submit the graduation audit, listing their intended minor field, to the Registrar's Office.
- Students may develop their own minor, with the approval of the department or departments that are teaching those classes relative to the student's proposed minor and of the Committee on Academic Standards and Policies, provided they meet the minimum number of credits required of minors.

## SECONDARY EDUCATION CERTIFICATION

Hood offers preparation leading to state of Maryland secondary teaching certification (middle through high school) in eight subjects: biology, chemistry, English, French, history, mathematics or Spanish and art (preK-12). For more information, refer to both Education and the field in which you plan to major, in *Majors and Programs of Study*.

## CERTIFICATES IN MUSIC PERFORMANCE AND PIANO PEDAGOGY

Hood College offers two professional certificates in music for students who already possess a baccalaureate degree in a field other than music. The certificates may be earned in any of the applied music areas offered at Hood: voice, piano, organ, harpsichord, violin, viola, cello, double bass, trumpet, trombone, French horn, euphonium, tuba, clarinet, saxophone, flute, oboe and guitar, as well as piano pedagogy. For more information, see Music in *Majors and Programs of Study*.

## MINORS

### ACTUARIAL SCIENCE MINORS

Coordinator: James Parson

An actuary is someone who uses knowledge of mathematics and finance to manage financial uncertainty. Actuaries work for insurance companies, for private corporations, for the government, and as consultants. Being an actuary is consistently ranked as one of the best jobs in America – where people are happiest and best-paid. The goal of this minor is to help prepare students to be an actuary.

Students pursuing the actuarial science minor usually major in a related field; students with majors other than the ones listed below should contact the coordinator to design an appropriate program.

#### ACTUARIAL SCIENCE MINOR FOR BUSINESS ADMINISTRATION MAJOR

##### Courses:

ECON 480	Econometrics	3.0
MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
MATH 253	Multivariable Calculus	4.0
MATH 351	Probability and Statistics	4.0

#### ACTUARIAL SCIENCE MINOR FOR ECONOMICS MAJOR

##### Courses:

MATH 202	Calculus II	4.0
MATH 253	Multivariable Calculus	4.0
MATH 351	Probability and Statistics	4.0
MGMT 281	Principles of Financial Accounting	3.0

*Economics majors must choose ECON 480 Econometrics (3 credits) when choosing courses for the major. Students are also encouraged to take MATH 339 Linear Algebra if possible.*

#### ACTUARIAL SCIENCE MINOR FOR MATHEMATICS MAJOR

##### Courses:

ECON 205	Princ of Macroeconomics	3.0
ECON 206	Princ of Microeconomics	3.0
ECMG 303	Principles of Finance & Investment	3.0
ECON 306	Microeconomic Analysis	3.0
ECON 480	Econometrics	3.0
MGMT 281	Principles of Financial Accounting	3.0

*Mathematics majors must choose MATH 351 Probability and Statistics when choosing courses for the major. Students are also encouraged to choose MATH 320 Modeling and Simulation as part of the mathematics major.*

### AFRICAN-AMERICAN STUDIES MINOR

(20-22 credits)

Coordinator: Hoda Zaki

The African-American Studies program, an interdisciplinary minor, is designed to prepare students for graduate study in this and related areas. Firmly based in the liberal arts, the minor's curriculum provides students with the opportunity to study in a systematic fashion the lives and contemporary experiences of African-American men and women. The

program focuses primarily on African-Americans in the United States, but includes a series of courses on African culture, history and politics. The curriculum is structured to give students the opportunity to examine the interrelated dynamics of class, gender and race.

### REQUIREMENTS FOR THE MINOR

#### Courses: (14 credits)

(two at the 300-level or above):

#### 4 credits in African-American history:

AFHS 257 African American History 4.0

#### 4 credits in African-American literature:

AFEN 266 Theme 20thC AfAm Literature 4.0  
or

AFEN 265 African American Voices pre 20thC 4.0

#### 3 credits in African-American or African politics or political thought:

AFPS 240 African American Politics 3.0

PSRL 310 Politics of the Black Church 3.0

AFPS 350 African Politics 3.0

AFPS 353 Contemporary Afr Political Thought 3.0

AFPS 355 African American Political Thought 3.0

#### 3 credits in African-American religion:

AFRL 311 Black Theology 3.0  
or

PSRL 310 Politics of the Black Church 3.0

#### Two of the following (6-8 credits):

AFAM 299 Special Topics 3.0

AFAM 335 Teaching Assistantship in AfAm 1.0 - 2.0

AFAM 351 The African Diaspora 3.0

AFAM 399 Internship in African American Studies 3.0 - 6.0

AFAM 470 African American Feminist Thought 3.0

AFEN 265 African American Voices pre 20thC 4.0

AFEN 266 Theme 20thC AfAm Literature 4.0

AFHS 424 Race and Racism in the United States 4.0

AFPS 240 African American Politics 3.0

AFPS 301 AfAm Political Autobiography 3.0

AFPS 350 African Politics 3.0

AFPS 353 Contemporary Afr Political Thought 3.0

AFPS 355 African American Political Thought 3.0

AFPY 270 AfAm Psychological Perspectives 4.0

AFRL 311 Black Theology 3.0

ART 349 Art of Egypt and Mesopotamia 4.0

FREN 320 Francophone Women Writers 3.0

HIST 246 Introduction to Africa 4.0

HIST 319 Civil War and Reconstruction 4.0

PSCI 307 American Constitutional Law 3.0

PSRL 310 Politics of the Black Church 3.0

HNPS 354 African Political Autobiography 3.0

REL 304 Islam 3.0

SOC 300 Social Inequality 4.0

SOC 323 Ethnicity in the United States 4.0

SOWK 301 Social Policy Human Service Program 4.0

## AFRICAN STUDIES MINOR

(16-18 credits)

**Coordinator:** Hoda Zaki

### REQUIREMENTS FOR THE MINOR

#### Courses (7 credits):

HIST 246 Introduction to Africa 4.0

AFPS 350 African Politics 3.0

#### Three of the following (9-11 credits):

AFAM 351 The African Diaspora 3.0

AFPS 353 Contemporary Afr Political Thought 3.0

ECON 317 Economics of Development 3.0

ECON 324 International Trade 3.0

PSCI 323 Politics of the Developing World 3.0

REL 304 Islam 3.0

SOC 318 Global Social Problems 4.0

## AMERICAN STUDIES MINOR

(18-20 credits)

**Coordinator:** Carol Kolmerten

A minor in American studies allows a student to focus on American culture from a variety of perspectives. This minor helps students to understand the relationships between ideas, institutions and aesthetic forms. Using the tools of several disciplines, students can better understand the symbols, myths and values that pervade American culture. The minor is jointly offered by the departments of English, history, political science, and sociology and social work.

### REQUIREMENTS FOR THE MINOR

#### Courses (12 credits):

ENGL 223 American Literature 4.0

HIST 218 History of United States since 1865 4.0

SOC 215 Social Problems 4.0

#### Two of the following (6-8 credits):

AFEN 265 African American Voices pre 20thC 4.0

AFEN 266 Theme 20thC AfAm Literature 4.0

AFPS 355 African American Political Thought 3.0

ENGL 261 Theme: Amer Transcendtl/Dark Romantic 4.0

ENGL 275 Genre Studies: American Novel 4.0

ENGL 280 Genre: 20th Century Ethnic Narratives 4.0

ENGL 347 Wrt of Significance: Whitman & Dickinson 4.0

ENGL 441 Faulkner and Morrison 4.0

ENHN 368 American Landscapes Env Lit in US 4.0

HIST 217 History of the United States to 1865 4.0

HIST 338 Gilded Age & Progressive Era-1877-1929 4.0

HIST 339 New Deal America, 1929-2000 4.0

PSCI 203 Introduction to U.S. Politics 4.0

PSCI 307 American Constitutional Law 3.0

REL 211 American Religious History 3.0

SOC 323 Ethnicity in the United States 4.0

## ARCHAEOLOGY MINOR

(15-16 credits)

**Coordinator:** Jennifer Ross

Students majoring in a number of fields, including history, literature, foreign languages, philosophy, religion or the sciences, may wish to

minor in archaeology, as it can complement the major field and introduce new areas of study. The minor is interdisciplinary, requiring coursework in archaeological methods, regional studies, ancient history and literature.

### REQUIREMENTS FOR THE MINOR

#### Courses: (12 credits):

ART 370	Archaeological Fieldwork or	3.0
ART 399	Internship in Art	3.0 - 15.0
ART 399C	Archaeology Internship/Fieldwork Colloq	1.0
INST 312	Archaeology:Cultures,Tech,Meth,Theories	4.0

#### One of the following:

ART 340	Art of Prehistory	4.0
ART 349	Art of Egypt and Mesopotamia	4.0
ART 350	Classical Art and Archaeology	4.0
ART 363	Roman Art & Culture	4.0

#### One of the following (3-4 credits):

ANTH 201	Introduction to Anthropology	4.0
CL 202	Mythology	3.0
HIST 365	The Ancient Near East and Greece	4.0
HIST 366	Ancient Rome	4.0

## ART HISTORY MINOR

(16 credits)

**Coordinator:** Frederick N. Bohrer

Students majoring in one of the humanities—history, literature, foreign languages, philosophy or religion—will find that the art history minor complements and enhances their area of study. The minor is also worthwhile for students considering careers in arts administration, conservation, interior design and similar fields. The required courses offer both chronological breadth and the opportunity to study a period in depth.

### REQUIREMENTS FOR THE MINOR

#### Required:

ART 220	History of Art I	4.0
ART 221	History of Art II	4.0

#### One of the following:

ART 350	Classical Art and Archaeology	4.0
ART 351	Medieval Art	3.0
ART 352	Northern Renaissance Art	3.0
ART 353	Early Renaissance Art	4.0
ART 357	High Renaissance & Mannerist Art	4.0

#### One of the following:

ART 358	Baroque Art	4.0
ART 360	Nineteenth Century Art	4.0
ART 361	Twentieth Century Art	4.0

## BIOLOGY MINOR

(24 credits)

**Coordinator:** Kathy Falkenstein

The biology minor provides students a foundation in biology. The biology minor is organized to familiarize students with the broad areas of

biological investigation, cellular and molecular biology, physiology, organismal biology and ecology.

### REQUIREMENTS FOR THE MINOR

#### Required:

BIOL 110-129	Biological Inquiry	4.0
BIOL 201	Evolution and Ecology	4.0
BIOL 202	Physiology of Plants & Animals	4.0
BIOL 203	Intro to Cell Biology & Genetics	4.0
CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0

## BUSINESS ADMINISTRATION MINOR

(18 credits)

**Coordinator:** Anita Jose, ajose@hood.edu; 301-696-3691

### REQUIREMENTS FOR THE MINOR

#### Courses (12 credits):

ECON 206	Princ of Microeconomics	3.0
MGMT 205	Prin of Mgmt Intro to Organizations	3.0
MGMT 281	Principles of Financial Accounting	3.0
MGMT 284	Principles of Managerial Accounting	3.0

#### Two of the following (6 credits):

ECMG 303	Principles of Finance & Investment	3.0
MGMT 306	Principles of Marketing	3.0
MGMT 314	International Business	3.0
MGMT 454	Legal Environment of Business	3.0

## CHEMISTRY MINOR

(24 credits)

**Coordinator:** Kevin Bennett

The minor in chemistry provides a broad introduction to the field by combining a core of chemistry courses with additional study in electives of the student's choice.

### REQUIREMENTS FOR THE MINOR

#### Courses (16 credits):

CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0
CHEM 209	Organic Chemistry I	4.0
CHEM 210	Organic Chemistry II	4.0

#### Two of the following (at least 8 credits):

CHEM 215	Quantitative Analysis	4.0
CHEM 301	Biological Chemistry I	4.0
CHEM 324	Instrumental Methods of Analysis	4.0
CHEM 402	Biological Chemistry II	3.0
CHEM 403	Biological Chemistry Lab Techniques	1.0
CHEM 431	Quantum Mechanics	3.0
CHEM 433	Quantum Mechanics Lab	1.0

## CLASSICAL STUDIES MINOR

(15-16 credits)

**Coordinator:** Jennifer Ross

The classical studies minor combines courses in the fields of history, philosophy, language, literature and art with a focus on classical civilizations, namely those of ancient Greece and Rome. In addition to

coursework in classical studies, students have opportunities to visit local collections of classical art, to attend performances of ancient plays and to participate in on-campus lectures dealing with ancient history and culture.

### REQUIREMENTS FOR THE MINOR

#### Required (12 credits):

ART 350	Classical Art and Archaeology	4.0
GRK 101	Ancient Greek I or	4.0
LAT 101	Elementary Latin I	4.0
HIST 365	The Ancient Near East and Greece or	4.0
HIST 366	Ancient Rome	4.0

Students placed in a higher level of classical Latin (LAT 103, LAT 104 or LAT 207) by placement test may substitute the higher-numbered course for this requirement, but may not place out of this requirement.

#### One of the following (3-4 credits):

ART 332	Aegean Archaeology	4.0
ART 362	Rome and Hollywood	4.0
ART 363	Roman Art & Culture	4.0
CL 202	Mythology	3.0
CL 302	Classical Mythology	3.0
CLEN 281	Genre Studies: Greek & Roman Drama	4.0
ENGL 221	World Literature	4.0
INST 312	Archaeology:Cultures,Tech,Meth,Theories	4.0
PLRL 205	Classical Religion & Philosophy	3.0
PHIL 305	Great Figures: Western Political Thought	3.0
PHIL 305	Great Figures: Western Political Thought	3.0
PHIL 307	Hist of Phil: Ancient World to Renaiss	4.0
PHIL 360	Topics in Ancient Greek Philosophy	3.0
PSCI 332	Ancient Medieval Political Thought	4.0

### COASTAL STUDIES MINOR

(19-20 credits)

**Director:** Drew Ferrier

**Coordinator:** Ronald Albaugh

The coastal studies minor provides students with an interdisciplinary view of environmental issues that confront coastal habitats and communities. The minor is largely travel-based and designed to provide students with both textbook and first-hand knowledge of environmental challenges currently facing coastal regions.

### REQUIREMENTS FOR THE MINOR

#### Required courses (block-scheduled during fall semesters - 13 credits):

ENSP 210	Coastal Oceanography	4.0
ENSP 212	Coastal Community Ecology	4.0
ENSP 370	Coastal Studies Practicum	2.0
ESHN 307	Chesapeake Bay:Human Impact on Nat Sys	4.0

#### One block-scheduled elective offered as part of the Coastal Studies Semester (3-4 credits).

These can include:

ENHN 368	American Landscapes Env Lit in US	4.0
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ENSP 201	Contemporary Environ Controversies	3.0
ENSP 299	Sp Topics:Environmental Science & Policy	4.0

#### One of the following (3 credits):

BIOL 348	Tropical Marine Ecology	3.0
ENSP 380	Coastal Studies Field Experience	3.0

### COMPUTER SCIENCE MINOR

(20 credits)

**Coordinator:** William Pierce

The minor in computer science provides an organized exposure to the concept of software, its creation, structuring and uses. Study in computer science offers an additional career dimension to a major in virtually any field.

### REQUIREMENTS FOR THE MINOR

#### Required:

MATH 207	Discrete Math	3.0
CS 201	Computer Science I	4.0
CS 202	Computer Science II	4.0
	Nine additional credits of computer science courses, six of which must be at the 300-level or above.	9.0

CS 335 and CS 399 may not be applied toward the minor.

### CRIMINOLOGY AND DELINQUENCY MINOR

(22-23 credits)

**Coordinator:** Jolene Sanders

This interdisciplinary minor is designed for students whose career plans include working with, or advocating for, people within the criminal or juvenile justice systems: counseling juvenile or adult offenders or victims; serving as consultants or expert witnesses regarding mental health, child custody, domestic violence, and other issues; advocating for reforms within the prison system; or working in settings such as substance abuse programs, community-based agencies serving ex-offenders, parole and probation agencies, and state and federal correctional facilities. The minor complements a number of different majors, including social work, sociology, psychology, law criminal justice, and political science. Students are encouraged to complete an internship in a criminal or juvenile justice setting and/or to conduct independent research on a topic of interest related to the minor.

### REQUIREMENTS FOR THE MINOR

#### Required (18 credits):

SOC 101	Principles of Sociology	4.0
SOC 216	Criminology	4.0
SOSW 217	Juvenile Delinquency & Juvenile Justice	3.0
SOWK 201	Intro to SoWk & the Human Services	4.0
SOWK 302	Forensic Social Work	3.0

#### Electives (choose at least one):

CJ 230	Introduction to Criminal Justice	3.0
LWPS 230	Introduction to Law	3.0
PSCI 308	Criminal Law	3.0
PSY 203	Survey Clin Commnty & Counsel Psy	4.0
PSY 319	Drugs & Behavior	4.0
PSY 370I	Seminar:Psy Bases of Criminal Behav	4.0

PSY 431	Abnormal Psychology	4.0
SOC 300	Social Inequality	4.0
SOC 310B	Topics in Soc: Gender and Crime	3.0
SOC 323	Ethnicity in the United States	4.0
SOC 353	Deviance and Social Control	3.0
SOC 375	Independent Study	1.0 - 3.0
	or	
SOWK 375	Independent Study	1.0 - 3.0
SOC 399	Internship	3.0 - 15.0
	or	
SOWK 370	Social Work Practicum	3.0
SOSW 217	Juvenile Delinquency & Juvenile Justice	3.0
SOWK 214	Child Welfare Policies & Services	3.0
SOWK 330	Social Work with Families	3.0

### ECONOMICS MINOR

(21 credits)

**Coordinator:** Sang W. Kim

#### REQUIREMENTS FOR THE MINOR

**Required (12 credits):**

ECON 205	Princ of Macroeconomics	3.0
ECON 206	Princ of Microeconomics	3.0
ECON 305	Macroeconomic Analysis	3.0
ECON 306	Microeconomic Analysis	3.0

**Two of the following (6 credits):**

ECON 302	Latin American Economies	3.0
ECON 304	International Political Economy	3.0
ECON 310	Environmental Economics	3.0
ECON 316	Game Theory	3.0
ECON 317	Economics of Development	3.0
ECON 318	Comparative Market Economies	3.0
ECON 320	The Economics of Gender	3.0
ECON 324	International Trade	3.0
ECON 326	Industrial Organization	3.0
ECON 328	Labor Economics	3.0

**One of the following (3 credits):**

ECON 410	Public Economics	3.0
ECON 452	History of Economic Thought	3.0
ECON 460	Intl Finance & Open Economy Macro	3.0
ECON 480	Econometrics	3.0

### ENVIRONMENTAL STUDIES MINOR

**Coordinator:** Eric Kindahl

The minor in environmental studies provides students with the intellectual tools necessary to analyze a broad array of complex environmental problems. It is an interdisciplinary minor offered jointly by the departments of biology and political science.

### REQUIREMENTS FOR THE MINOR

**Required:**

BIOL 110-129	Biological Inquiry	4.0
BIOL 201	Evolution and Ecology	4.0
BIOL 338	Advanced Ecology	4.0
ENSP 101	Environmental Problems	3.0
PSCI 203	Introduction to U.S. Politics	4.0
ECPS 414	Environmental Policy	3.0

### FRENCH MINOR

(15-16 credits)

**Coordinator:** Didier Course

Students with a minor in French will learn about the French language and culture through a combination of courses designed to improve language skills and expose students to French civilization.

#### REQUIREMENTS FOR THE MINOR

**Required:**

FREN 203	French Conversation & Composition	4.0
FREN 207	Cultural Perspectives on Fren Lit I	3.0
	or	
FREN 208	Introduction to French LiteratureII	3.0

- One French civilization course
- One 200-level or above French course
- One 300-level French course

### FRENCH-GERMAN MINOR

(17 credits)

**Coordinator:** Didier Course

Students with a minor in French-German will learn about the French and German languages through a combination of courses designed to improve language skills and expose students to French and German civilization and culture.

#### REQUIREMENTS FOR THE MINOR

**Required:**

FREN 203	French Conversation & Composition	4.0
GER 203	German Conversation & Composition	4.0
	3 additional credits in French at the 200 level or above	3.0
	3 additional credits in German at the 200 level or above	3.0
	One 300-level course in either French or German	

### GERMAN MINOR

(16 credits)

**Coordinator:** Scott E. Pincikowski

A minor in German exposes students to German culture, civilization and language.

#### REQUIREMENTS FOR THE MINOR

**Required:**

GER 203	German Conversation & Composition	4.0
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GER 207	Cultural Perspectives on Ger Lit I or	3.0
GER 208	Introduction to German LiteratureII	3.0
	One German civilization course One 300-level German course One 200-level or above German course	

## GERONTOLOGY MINOR

(19-22 credits)

**Coordinator:** Elizabeth MacDougall

Studying gerontology provides an opportunity for students to engage in a multidisciplinary study of the biological, psychological and social determinants of the aging process. The undergraduate minor may be used to supplement a number of majors, including biology, business administration, economics, nursing, political science, psychology, social work and sociology. The minor provides a knowledge base regarding the special needs of this segment of the population; the skills required to work effectively with older adults; and discussion of the economic, political, clinical and social issues surrounding the increasingly larger proportion of aged individuals in the American society.

By supplementing a major with the gerontology minor, students will be better prepared for careers in healthcare, politics, law, counseling, education, business and others.

### REQUIREMENTS FOR THE MINOR

**Four of the following (13-14 credits):**

BIOL 138	The Human Health Mosaic	3.0
GERO 370	Gerontology Practicum	3.0
PSY 373	Psychology of Aging	4.0
PYSO 221	Social Gerontology or	4.0
SOWK 327	Gerontological SoWk:Policy/Practice	3.0

**Two of the following (6-8 credits):**

MGMT 205	Prin of Mgmt Intro to Organizations	3.0
MGMT 301	Organizational Theory and Behavior	3.0
PE 225	Stress Assess Contrl	3.0
PSY 204	Psychology of Death	4.0
PSY 239	Developmental Psychology	4.0
SOC 215	Social Problems	4.0
SOC 260	Methods of Social Research	4.0
SOWK 301	Social Policy Human Service Program	4.0
SOWK 330	Social Work with Families	3.0

In addition to the specific courses listed above, an independent study related to gerontology might be taken in any number of departments. This should be cleared in advance with the program coordinator in order to ensure that it will fulfill credits toward the minor.

A large number of today's older adults live in urban areas and are Spanish speaking. Thus, students will benefit by having background in Spanish, particularly through SPAN 103.

Gerontology students have many practicum sites available to them, including the National Council on Aging, the Maryland State Office on Aging, community commissions on aging, nursing facilities, adult day

care centers, hospice and many independent living facilities for older adults.

## GLOBAL STUDIES MINOR

(Minimum 15 credits)

**Coordinator:** Leonard Latkovski

The Global Studies Minor is an interdisciplinary program of study which examines the dynamics of globalization in the world today and their historical foundations. It examines the multiple interconnections of states, regions, economies and societies. It studies the historical, political, commercial, cultural, environmental and technological aspects of this phenomenon. The purpose is to better understand the dynamic forces, both positive and negative, of modern globalization. The study of a foreign language beyond the college requirement is strongly recommended, but not required for the successful completion of the minor.

### REQUIREMENTS FOR THE MINOR

**Required: (6 credits):**

GLBS 200	Introduction to Global Studies	3.0
GLBS 300	Challenges/Opportunities of Globalizatn	3.0

**One course from each of the three content areas (12-15 credits):**

**Global Cultures and Society:**

ANTH 302	Cultural Anthropology	4.0
ART 250	Art of Asia	4.0
ART 372	Arts of the Non-Western World	4.0
HSLs 330	Cultural Encounters in LatAm Hist	4.0
ITLS 301	The Culture of India	4.0
MEST 300	Cultures of the Middle East	4.0
PLRL 301	Indian Thought	3.0
PLRL 306	Chinese Thought	4.0
REL 303	Judaism	3.0
REL 304	Islam	3.0

**Global Governance and Conflict**

AFPS 350	African Politics	3.0
CMA 209	Mass Media and Revolution	3.0
ECPS 414	Environmental Policy	3.0
HIST 263	Africa, Asia & Europe since 1500	4.0
HIST 316	The Middle East in Modern Times	4.0
HIST 336	The World since 1945	4.0
HIST 340	Modern China & Japan	4.0
HIST 343	Modern Russia	4.0
HIST 344	Revolutions and Revolutionaries	4.0
HIST 346	War and Society	4.0
HSPS 345	Global Persp/Women, Power & Politics	4.0
LWPS 406	International Law	3.0
PSCI 200	Political Violence & Terrorism	4.0
PSCI 219	Model United Nations	1.0
PSCI 302	9/11 in Global Perspective	3.0
PSCI 305	U.S. Foreign Policy	3.0
PSCI 323	Politics of the Developing World	3.0
REL 342	From Abolitionism to Human Rights	3.0

**Global Economy**

ECON 205	Princ of Macroeconomics	3.0
ECON 302	Latin American Economies	3.0
ECON 304	International Political Economy	3.0

ECON 317	Economics of Development	3.0
ECON 320	The Economics of Gender	3.0
ECON 324	International Trade	3.0
HNLS 302	Third World Development: Latin America	3.0
MGMT 314	International Business	3.0

## HISTORY MINOR

(20 credits)

**Coordinator:** Emilie Amt

The minor in history requires 20 credits in history. A maximum of 4 credits of independent study may count toward the required work for the minor.

### REQUIREMENTS FOR THE MINOR

The minor in history requires 20 credits in history. A maximum of 4 credits of independent study may count toward the required work for the minor.

#### One introductory U.S. History course: (4 credits)

HIST 217	History of the United States to 1865	4.0
HIST 218	History of United States since 1865	4.0
AFHS 257	African American History	4.0

#### One introductory World History course (4 credits):

HIST 262	Africa, Asia & Europe to 1500	4.0
HIST 263	Africa, Asia & Europe since 1500	4.0

#### Two upper-level history courses (300 or 400 level)

300-400 level History course

#### One elective history course

History Elective

## JOURNALISM MINOR

(18 credits)

**Coordinator:** Aldan Weinberg

The journalism minor is designed for noncommunication arts majors who may wish to write in their specialties for general audiences, or for those with an interest in journalism for whom a double major with communication arts is not feasible.

### REQUIREMENTS FOR THE MINOR

#### Required: (15 credits):

CMA 200	Mass Media and Society	3.0
CMA 201	News Writing	3.0
CMA 208	Editing & Layout	3.0
CMA 260	Feature Writing	3.0
CMA 305	Communications Law	3.0

#### One of the following (3 credits):

CMA 204	Media History	3.0
CMA 304	Online Journalism	3.0

## LITERATURE MINOR

(18 credits)

**Coordinator:** Mark Sandona

### REQUIREMENTS FOR THE MINOR

Students who minor in literature must take a minimum of 18 credits in literature at the 200 level or above. Their work must include:

#### One thematic course

ENGL 250-269	Thematic Studies	4.0
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#### One genre course

ENGL 270-289	Genre Studies	4.0
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#### At least two literature courses at the 300 level or above

Literature courses

## MANAGEMENT MINOR

(15 credits)

**Coordinator:** Anita Jose, ajose@hood.edu; 301-696-3691

### REQUIREMENTS FOR THE MINOR

#### Required: (12 credits):

MGMT 205	Prin of Mgmt Intro to Organizations	3.0
MGMT 281	Principles of Financial Accounting	3.0
MGMT 301	Organizational Theory and Behavior	3.0
MGMT 307	Personnel Management	3.0

#### One of the following (3 credits):

CMA 306	Business Writing in the Digital Age	3.0
MGMT 314	International Business	3.0

## MATHEMATICS MINOR

**Coordinator:** M. Elizabeth Mayfield

A minor in mathematics will introduce students to the two major strands of mathematics, the continuous and the discrete. Students will then have the opportunity to explore an area of interest in greater depth.

### REQUIREMENTS FOR THE MINOR

#### Required:

MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
MATH 207	Discrete Math	3.0
	Two additional three or four-credit mathematics courses at the 200 level or above	6.0 - 8.0

## MATHEMATICS EDUCATION MINOR

(16-17 credits)

**Coordinator:** Christy Graybeal

The mathematics education minor is open only to students majoring in early childhood education or elementary/special education.

### REQUIREMENTS FOR THE MINOR

#### Required:

MATH 106	Fundamental Concepts of Math I	3.0
MATH 107	Fundamental Concepts of Math II	3.0
MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
	or	
MATH 207	Discrete Math	3.0

#### One of the following:

MATH 112	Applied Statistics	3.0
MATH 112W	Workshop Statistics	3.0
PSY 211	Elementary Statistics	4.0

## MEDIEVAL STUDIES MINOR

(16-20 credits)

**Coordinator:** Heather Mitchell-Buck

The medieval studies minor examines the history, literature, religion and art of the Middle Ages. By exploring medieval Europe from the vantage point of several disciplines, students gain an understanding of the period's richness and depth. The minor is offered by the departments of art, english, history, and philosophy and religious studies.

Students minoring in medieval studies are reminded of the College requirement that a minor must include 12 credits outside the student's major.

### REQUIREMENTS FOR THE MINOR

The minor consists of at least five courses, distributed as indicated.

#### Required (4 credits):

HIST 367	Medieval Europe	4.0
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#### Two of the following (6-8 credits):

HIST 300	From Celts to Vikings 400-1000	4.0
HIST 309	Islam & the Crusades	4.0
HIST 313	Medieval England	4.0
HIST 375	Independent Study in History	1.0 - 4.0
HIST 412	Women in Medieval Europe	4.0
HIST 470	Seminar: Topics in History	4.0
PSCI 332	Ancient Medieval Political Thought	4.0
REL 375	Independent Study in Religion	1.0 - 3.0

HIST 375, HIST 470, REL 375: Courses require prior written permission of the coordinator.

#### Two of the following (6-8 credits):

ART 308	Myths, Saints and Symbols	3.0
ART 351	Medieval Art	3.0
ART 375	Independent Study	1.0 - 3.0
ART 470	Seminar: Topics in Art & Archaeology	4.0
ENGL 259	Thematic St:Medieval Magic & Mysticism	4.0
ENGL 284	Genre Studies:Medieval Romance	4.0
ENGL 301	Medieval Drama	4.0
ENGL 318	Chaucer	4.0
ENGL 375	Independent Study	1.0 - 3.0
ENGL 400	Really Old English:Anglo-Saxon Lang/Lit	4.0
ENGL 405	The English Language	4.0
GER 207	Cultural Perspectives on Ger Lit I	3.0
HON 308	Dante and Giotto	4.0
LAT 208	Latin Literature II: Medieval	3.0

ART 375, ART 470, ENGL 375, GER 207: Courses require prior written permission of the coordinator.

With permission, other courses on medieval topics may count toward the minor.

A departmental honors paper in one of the above disciplines may also be used as one of the courses required for the minor, with the prior written permission of the coordinator.

## MIDDLE EASTERN STUDIES MINOR

(18-20 credits)

**Coordinator:** Donald Wright

### REQUIREMENTS FOR THE MINOR

#### Required (12 credits):

ARAB 101	Elementary Arabic I	4.0
ARAB 102	Elementary Arabic II	4.0
MEST 300	Cultures of the Middle East	4.0

#### Two of the following, at least one at the 300 level (6-8 credits):

(May also be fulfilled during an approved semester or year of study abroad)

ANTH 302	Cultural Anthropology	4.0
ARAB 203	Arabic Conversation & Composition	4.0
ARHN 319	Orientalism & Egyptomania	3.0
ARRL 330	Archeology of Ancient Israel	4.0
ART 349	Art of Egypt and Mesopotamia	4.0
HIST 309	Islam & the Crusades	4.0
HIST 316	The Middle East in Modern Times	4.0
PSCI 200	Political Violence & Terrorism	4.0
PSCI 210	Comparative Politics	3.0
PSCI 215	International Relations	4.0
PSCI 302	9/11 in Global Perspective	3.0
PSCI 305	U.S. Foreign Policy	3.0
PSCI 323	Politics of the Developing World	3.0
REL 303	Judaism	3.0
REL 304	Islam	3.0
SOC 318	Global Social Problems	4.0

## MUSIC HISTORY AND LITERATURE MINOR

(21 credits)

**Coordinator:** Wayne L. Wold

### REQUIREMENTS FOR THE MINOR

#### Required (18 credits):

MUSC 100	Fundamentals of Music	3.0
MUSC 101	Beginning Music Theory & Musicianship	4.0
MUSC 201	Intermediate Music Theory & Musicianship	4.0
MUSC 303	Music History and Literature I	4.0
MUSC 304	Music History and Literature II	4.0
	2 credits of applied music (any area)	2.0
	1 credit of music ensemble	1.0

## MUSIC PERFORMANCE MINOR

(18 credits)

**Coordinator:** Wayne L. Wold

### REQUIREMENTS FOR THE MINOR

#### Required (6 credits):

MUSC 100	Fundamentals of Music	3.0
MUSC 101	Beginning Music Theory & Musicianship	4.0

MUSC 100: (or Exemption Exam)

#### One of the following (4 credits):

MUSC 303	Music History and Literature I	4.0
MUSC 304	Music History and Literature II	4.0
	2 credits of music ensemble	2.0

6 credits of applied music 6.0  
Participation in two recitals, one of which  
must be an honors recital

6 credits of applied music: (all in the same area)

## PHILOSOPHY MINOR

(15 credits)

**Coordinator:** Karen Hoffman

The philosophy minor offers an introduction to philosophical approaches, both Western and Eastern. Students in any major will find the philosophy minor useful in providing exposure to intellectual debate and to the theoretical basis of many academic disciplines. Students must complete at least 15 credits in philosophy, which must include the following:

### REQUIREMENTS FOR THE MINOR

**Required:**

PHIL 207 Logic 3.0

PHIL 307 Hist of Phil: Ancient World to Renaiss 4.0  
or

PHIL 308 Hist of Phil:Early Modern to 20thC 4.0

**One of the following:**

PLRL 301 Indian Thought 3.0

PLRL 306 Chinese Thought 4.0

REL 304 Islam 3.0

## PHYSICS MINOR

(28-29 credits)

**Coordinator:** Allen Flora

The minor in physics offers a coherent introduction to the topics of physics. Selection of the physics minor should benefit the following:

- Students currently majoring in one of the science fields who want to obtain a more complete understanding of the physical universe;
- Students in mathematics who might wish to examine (in a more applied way) the concepts of their discipline; and
- Students considering the dual degree program in engineering offered by Hood College and The George Washington University.

Master's level programs in chemical physics and many engineering and physics graduate schools consider favorably the application of a student with a minor in physics and a major in a related discipline such as mathematics.

### REQUIREMENTS FOR THE MINOR

**Required:**

MATH 201 Calculus I 4.0

MATH 202 Calculus II 4.0

MATH 253 Multivariable Calculus 4.0  
or

MATH 304 Differential Equations 4.0

PHYS 203 Introductory Physics I 4.0

PHYS 204 Introductory Physics II 4.0

PHYS 101 and PHYS 102 could be substituted although PHYS 203 and 204 are recommended. Permission of the coordinator is required for this substitution.

**Students also are required to take a second group of courses, which provide a more detailed look at the topics of physics (9 credits):**

PHYS 222 Introduction to Modern Physics 3.0

PHYS 324 Mechanics 3.0

PHYS 325 Electricity & Magnetism 3.0

## POLITICAL SCIENCE MINOR

(19-21 credits)

**Coordinator:** Paige Eager

### REQUIREMENTS FOR THE MINOR

**Required (7-8 credits):**

PSCI 203 Introduction to U.S. Politics 4.0

PSCI 210 Comparative Politics 3.0

or

PSCI 215 International Relations 4.0

**One course in Political Theory from the following (3-4 credits):**

PSCI 307 American Constitutional Law 3.0

PSCI 332 Ancient Medieval Political Thought 4.0

PSCI 333 Modern Political Thought 4.0

AFPS 353 Contemporary Afr Political Thought 3.0

HNPS 354 African Political Autobiography 3.0

**9 additional credits in political science**

six of which must be at the 300 or 400 level, are required for the completion of the minor.

## PSYCHOLOGY MINOR

(20 credits)

**Coordinator:** Ingrid Farreras

### REQUIREMENTS FOR THE MINOR

**Foundation Requirements; grade of C- or higher required (12 credits):**

PSY 101 Introduction to Psychology 4.0

PSY 211 Elementary Statistics 4.0

PSY 312 Non-Experimental Research Methods 4.0

PSY 211: Statistics courses completed in another discipline will fulfill the requirement but will not count toward the 20 credit minimum in psychology courses.

**Any two electives from two of the following four areas (8 credits):**

**Clinical/Counseling Psychology:**

PSY 203 Survey Clin Commnty & Counsel Psy 4.0

PSY 204 Psychology of Death 4.0

PSY 370C Seminar: Death and Dying 4.0

PSY 370E Sem: Psychology of Human Sexuality 4.0

PSY 431 Abnormal Psychology 4.0

PSY 434 Tests and Measurements 4.0

PSY 456 Behavior Modification 4.0

**Developmental Psychology:**

AFPY 270 AfAm Psychological Perspectives 4.0

PSY 206 Psychology of Women 4.0

PSY 208 Psychology of Adolescence 4.0

PSY 239	Developmental Psychology	4.0
PSY 370I	Seminar: Psy Bases of Criminal Behav	4.0
PSY 373	Psychology of Aging	4.0
PYSO 221	Social Gerontology	4.0

**Experimental Psychology:**

PSY 319	Drugs & Behavior	4.0
PSY 370F	Seminar: Cognitive Psychology	4.0
PSY 409	Learning and Memory	4.0
PSY 418	Physiological Psychology	4.0

**Social-Personality/Industrial-Organizational Psychology:**

PSY 205	Social Psychology	4.0
PSY 370E	Sem: Psychology of Human Sexuality	4.0
PSY 370H	Seminar: Postive Psychology	3.0
PSY 370I	Seminar: Psy Bases of Criminal Behav	4.0
PSY 401	Theories of Personality	4.0
PSY 434	Tests and Measurements	4.0
PYSO 221	Social Gerontology	4.0

**PUBLIC RELATIONS MINOR**

(18 credits)

**Coordinator:** Donna Bertazzoni

The public relations minor offers a range of courses combining theory and best practices in the field to students seeking to add depth to knowledge and skills in related majors.

**REQUIREMENTS FOR THE MINOR****Required (15 credits):**

CMA 201	News Writing	3.0
CMA 310	Public Relations	3.0

CMA 312	Introduction to Communication Research or	3.0
MGMT 423	Marketng Research Methods	3.0

CMA 313	Writing for Public Relations	3.0
CMA 411	Public Relations Campaigns	3.0

**One of the following (3 credits):**

CMA 207	Principles of Speech Communication	3.0
CMA 208	Editing & Layout	3.0
CMA 242	Persuasion	3.0
CMA 306	Business Writing in the Digital Age	3.0
MGMT 306	Principles of Marketing	3.0

**RELIGION MINOR**

(15 credits)

**Coordinator:** Karen Hoffman

The religion minor gives students the opportunity to explore a variety of religions and issues confronting religion in today's world.

**REQUIREMENTS FOR THE MINOR****Required (3 credits):**

REL 200	What is Religion? Intro to Relig Studies or	3.0
REL 412	Myth, Symbol & Ritual	3.0

**At least one of the following western religions (3 credits):**

REL 203	Old Testament	3.0
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REL 204	The New Testament	3.0
REL 212	Saint, Sinner, Heretic: Intro Christianity	3.0
REL 303	Judaism	3.0
REL 314	Western Spirituality: Contemp Issues	3.0

**At least one of the following world religions (3 credits):**

REL 304	Islam	3.0
PLRL 301	Indian Thought	3.0
PLRL 306	Chinese Thought	4.0

**Any two additional courses in religion**

at least one of which must be at the 300 level or above.

**RENAISSANCE STUDIES MINOR**

(16-20 credits)

**Coordinator:** Mark Sandona

The Renaissance studies minor explores the history, literature, philosophy and art of Western Europe from the 14th through the 17th centuries. Students who are majoring in history, art, English or a foreign language will find that the Renaissance studies minor blends well with their interests.

**REQUIREMENTS FOR THE MINOR**

Select five of the following courses, with at least one course from each of the three groups.

**Group I**

HIST 314	Tudor and Stuart England	4.0
HIST 406	Religion, Family & Soc: Reformation Europe	4.0
HIST 470	Seminar: Topics in History	4.0

HIST 470: requires prior written approval of the coordinator.

**Group II**

ENGL 273	Genre Studies: Renaissance Drama	4.0
ENGL 277	Genre: English Renaissance Poetry	4.0
ENGL 313	Shakespeare	4.0
ENGL 365	The Renaissance Amphibium	4.0
ENGL 414	Shakespeare on Film	4.0
ENGL 470	Seminar	4.0
FREN 207	Cultural Perspectives on Fren Lit I	3.0
FREN 317	Parlez moi d'amour Love in Fr Cult	3.0
FREN 321	Masque et illusion dans la France	3.0
GER 207	Cultural Perspectives on Ger Lit I	3.0
SPAN 207	Cultural Perspectives on Spanish Lit I	3.0
SPAN 440	Spanish Novel	3.0

ENGL 470: requires prior written approval of the coordinator.

**Group III**

ART 352	Northern Renaissance Art	3.0
ART 353	Early Renaissance Art	4.0
ART 357	High Renaissance & Mannerist Art	4.0
ART 358	Baroque Art	4.0
ART 470	Seminar: Topics in Art & Archaeology	4.0
HON 308	Dante and Giotto	4.0

ART 470: requires prior written approval of the coordinator.

**SOCIAL SCIENCE RESEARCH MINOR****Coordinator:** Kerry Strand

This minor, which requires 18 credits of coursework in sociology, can be combined with majors outside the department. It is designed to provide

students in social sciences and fields that use social science research methods (such as business administration, communication arts, education and social work) with research skills that are useful in a wide variety of job settings, including human services, education, media, marketing, politics, social action and health-related organizations.

Students who complete the minor meet practicum requirements (SOC 482) either by completing an independent semester-long research project or by working on a collaborative, community-based research project with an agency in the Frederick community.

### REQUIREMENTS FOR THE MINOR

#### Required:

SOC 101	Principles of Sociology	4.0
SOC 260	Methods of Social Research	4.0
SOC 261	Quantitative Methods for Social Sciences	4.0
SOC 320B	Skills Workshop: Grant Proposals	1.0
SOC 320C	Skills Workshop: Evaluation Research	1.0
SOC 482	Practicum in Social Research	4.0

### SOCIAL WORK, PRE-PROFESSIONAL PRACTICE, MINOR

**Coordinator:** Joy Swanson Ernst

The social work minor offers students in related majors (such as sociology, psychology, law and society and education) an introduction to the methods and theory of social work practice. It enhances students' understanding of human behavior and social policy, and teaches intervention strategies designed to enhance functioning of individuals, families, groups and communities.

### REQUIREMENTS FOR THE MINOR

#### Required:

SOWK 201	Intro to SoWk & the Human Services	4.0
SOWK 301	Social Policy Human Service Program	4.0
SOWK 342	Social Work Methods I	4.0
SOWK 345	Human Lifecycle & the Social Environment	4.0

### SOCIOLOGY MINOR

(20 credits)

**Coordinator:** Kerry Strand

The sociology minor offers students a systematic introduction to the theoretical and methodological bases of the discipline and, at the same time, contributes to their ability to look at human problems and the human condition analytically; to understand important features of the society in which they live; and to think and communicate logically and clearly.

### REQUIREMENTS FOR THE MINOR

#### Required (12 credits):

SOC 101	Principles of Sociology	4.0
SOC 259	Sociological Theory	4.0
SOC 260	Methods of Social Research	4.0

#### Any two additional courses in sociology (8 credits)

Sociology courses	8.0
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### SPANISH MINOR

(15 credits)

**Coordinator:** Roser Caminals-Heath

A Spanish minor offers students an understanding of the Spanish language and culture.

### REQUIREMENTS FOR THE MINOR

#### Required:

SPAN 203	Spanish Conversation & Composition	4.0
SPAN 207	Cultural Perspectives on Spanish Lit I	3.0
SPAN 208	Cultural Perspectives on Spanish Lit II	3.0
	One Spanish civilization course	
	One 300-level Spanish course	
	One 200-level or above Spanish course	

### STUDIO ART MINOR

(16 credits)

**Coordinator:** Gary Cuddington

The minor in studio art exposes students to fundamentals of design, drawing and painting, and develops visual and creative thinking skills.

Fine art is about layers of meaning, about the visual message in relationship to us as people. Students are required to address hard questions and become more articulate visually. As the world moves toward a fast-paced, visual-based, computer-linked society, it is within studio art that rigorous academic studies and personal expression merge in a new understanding of life as an integrated whole. The cognitive skills developed during the creative process span the skills needed for a creative approach to life.

### REQUIREMENTS FOR THE MINOR

#### Required (5-7 credits):

ARTS 101	Design	4.0
	or	
ARTS 102	Two-Dimensional Design	2.0
	and	
ARTS 103	Three-Dimensional Design	2.0
ARTS 123	Drawing I	3.0

#### Three of the following (9 credits):

ARTS 203	Ceramics I	3.0
ARTS 211	Digital Photography	3.0
	or	
ARTS 214	Darkroom Photography	3.0
ARTS 224	Drawing II	3.0
ARTS 226	Digital Arts	3.0
ARTS 234	Relief Printmaking I	3.0
ARTS 235	Monotype Printmaking I	3.0

ARTS 237	Painting I	3.0
ARTS 303	Ceramic Wheel	3.0
ARTS 304	Ceramics:Sculpture/Handbuilding	3.0
ARTS 311	Photography II	3.0
ARTS 312	Photography III	3.0
ARTS 314	Relief Printmaking II	3.0
ARTS 315	Monotype Printmaking II	3.0
ARCA 322	Photojournalism	3.0
ARTS 324	Drawing III	3.0
ARTS 330	Skills for Surviving in Drawing & Pntg	3.0
ARTS 334	Advanced Printmaking	3.0
ARTS 338	Painting II	3.0
ARTS 339	Painting III	3.0
ARTS 343	Intermediate Wheel	3.0
ARTS 344	Drawing IV	3.0
ARTS 345	Ceramic Sculpture	3.0
	Any 3-credit course offered through the artists in residence program or special topics in studio arts	3.0

## THEATRE AND DRAMA MINOR

(16 credits)

**Coordinator:** Joe Brady

Drama and its active practice, theatre, is an art form dedicated to expression and communication; exposure to and training in it can also serve students in a range of non-performative areas of study, such as education, business administration and social work.

Students choosing a minor in theatre and drama take a minimum of 16 credits from the courses listed below, four credits of which should be THEA courses. Additionally, student work in performance projects sponsored by the minor may count for one, two or three credits.

### REQUIREMENTS FOR THE MINOR

Students choosing a minor in theatre and drama take a minimum of 16 credits from the courses listed below, four credits of which should be THEA courses. Additionally, student work in performance projects sponsored by the minor may count for one, two or three credits.

**Required:**

ENTH 229	History of Drama Theatre I	4.0
ENTH 230	History of Drama and Theatre II	4.0
ENGL 273	Genre Studies: Renaissance Drama	4.0
CLEN 281	Genre Studies: Greek & Roman Drama	4.0
ENGL 301	Medieval Drama	4.0
ENTH 303	Elements of Playwriting	4.0
ENGL 313	Shakespeare	4.0
ENGL 330	Modern Women Playwrights	4.0
ENGL 414	Shakespeare on Film	4.0
ENGL 461	Family in American Modern Drama	4.0
FREN 321	Masque et illusion dans la France	3.0
GER 319	German Drama	3.0
SPAN 343	Spanish Theater	3.0
THEA 101	The Elements of Acting	4.0
THEA 102	Improvisation	4.0
THEA 202	The Theatre and Films of Buster Keaton	4.0
THEA 210	Acting II	4.0

THEA 254	Directing	4.0
THEA 255	Auditioning	4.0
THEA 370	Theater Practicum	1.0

## WEB DEVELOPMENT MINOR

**Coordinator:** Elizabeth Chang

The minor in web development provides a substantial experience in web design and development for students who wish to develop or maintain websites in conjunction with their work in another discipline. The courses are designed to provide increasing depth, culminating in a guided practicum.

### REQUIREMENTS FOR THE MINOR

**Required:**

IT 180	Unraveling the Web	3.0
CAIT 221	Applied Computer Graphics	3.0
IT 280	Intermediate Web Development	3.0
IT 382	Usability Engineering/Web Development	3.0
IT 480	Practicum in Web Development	3.0

## WOMEN'S AND GENDER STUDIES MINOR

(minimum 15 credits)

**Coordinator:** Katy Fulfer

The women's and gender studies program at Hood examines the experience of gender and the status of women cross-culturally and historically. Gender categories do not exist in isolation, but intersect with race, ethnicity, nationality, class, sexuality, age and other social categories to shape identities and institutions. The program provides an analytical framework for students to examine gender across disciplines and in their own lives.

### REQUIREMENTS FOR THE MINOR

**Required Course: (3 credits):**

WMST 200	Method Women Studies	3.0
	or	
PLWS 203	Philosophical Issues in Feminism	3.0

**Minimum of 12 credits from the following list, with no more than 6-8 credits within the same discipline**

(with the exception of WMST 299, WMST 375 and WMST 399):

AFAM 470	African American Feminist Thought	3.0
ART 320	Women/Art:Artists,Subj,Patrons,Scholars	3.0
ENGL 278	Genre Studies: The Woman in the Poem	4.0
ENGL 330	Modern Women Playwrights	4.0
ENGL 342	Writers of Sig: Jane Austen	4.0
ENGL 344	Wrtrs Woolf Forster	4.0
ENGL 347	Wrt of Significance:Whitman & Dickinson	4.0
ENGL 441	Faulkner and Morrison	4.0
FREN 313	Gender & Gaze in Modern Fr Lit Film	3.0
FREN 320	Francophone Women Writers	3.0
HSPS 345	Global Persp/Women, Power & Politics	4.0
HIST 406	Religion,Family & Soc:Reformation Europe	4.0
HIST 410	History of Women in the United States	4.0
HIST 412	Women in Medieval Europe	4.0
HON 301	Images of Women	3.0
HNWS 312	Revisoning Motherhood/Mod West Cultr	3.0
PE 227	Women's Health Issues	3.0
PLWS 203	Philosophical Issues in Feminism	3.0

PSCI 202	Women & Politics	4.0
PSCI 336	Gender and the Law	3.0
PSY 206	Psychology of Women	4.0
SOC 308	Sociology of Sexuality	3.0
SOC 311	Sociology of Gender	4.0
WMST 299	Special Topics	3.0
WMST 375	Independent Study	1.0 - 3.0
WMST 399	Internship	3.0 - 6.0

## WRITING MINOR

(18-20 credits)

**Coordinator:** Aldan Weinberg

### REQUIREMENTS FOR THE MINOR

**12 credits in writing-intensive courses from the following group, 3 credits at the 300 level or above:**

CMA 201	News Writing	3.0
CMA 260	Feature Writing	3.0
CMA 281	Introduction to Screenwriting	3.0
CMA 299	Special Topics in Communication Art	1.0 - 3.0
CMA 303	Advanced Reporting	3.0
CMA 306	Business Writing in the Digital Age	3.0
CMA 313	Writing for Public Relations	3.0
ENGL 200-209	Topics in Writing	
ENGL 219	Creative Writing	4.0
ENGL 299	Special Topics	3.0
ENGL 335	Teaching Assistantship in English	1.0 - 3.0
ENGL 375	Independent Study	1.0 - 3.0
ENGL 420	Advanced Fiction Writing	4.0
ENGL 520	Advanced Fiction Writing	3.0
ENGL 421	Advanced Poetry Writing	4.0
ENGL 521	Advanced Poetry Writing	3.0

CMA 299, ENGL 299: these courses are writing-intensive.

**6-8 credits in literature courses at the 200 level or above**  
Literature courses

## UNDERGRADUATE DEPARTMENTS AND PROGRAMS OF STUDY

### ART AND ARCHAEOLOGY DEPARTMENT

**Professor:** Frederick Bohrer, Joyce Michaud (interim chair 2014-15), Jennifer Ross

**Associate Professors:** Genevieve Gessert (chair)

**Assistant Professors:** Martha Bari, Ryan Browning (visiting), Gary Cuddington (visiting), Leslie Wallace (visiting)

**Gallery Curator:** Ryan Browning

The Department of Art and Archaeology offers a range of studio art, art history, film, art education and archaeology courses that prepare the student for graduate study or for a career in various professions. In addition to concentrations in art history, archaeology, studio art and art education, the department also offers three minors.

Art and archaeology faculty are active professionals who frequently participate in conferences, symposia, archaeological projects and regional, national and international exhibitions. The department is closely linked to the community of Frederick and to the cultural centers in Washington, D.C., Baltimore and New York. Invitational art exhibits are held throughout the year in Hood's Hodson and Whitaker Art Galleries, bringing to campus professional work from a variety of artists and representing a wide range of media from fine arts to communication arts to computer-generated art. In addition, the gallery provides space for a variety of exhibitions of student work.

**Facilities:** Art classes are held in the Tatem Arts Center, which provides studios for design, ceramics, drawing, painting, photography and printmaking. A darkroom houses color and black and white developing equipment for film. A computer lab provides classroom and work space for digital photography, digital art and photojournalism. The ceramic arts facility consists of a handbuilding/sculpture studio, a wheel room, lecture area, plaster mixing room and cone-6 glaze lab, kiln room with a variety of electric kilns, five full-size and three test kilns. The Hodson Ceramic Studios provide studio space for graduate students, a graduate-level classroom and a cone-10 glaze lab. Gas-fired kilns are located in the kiln yard outside the Hodson Ceramic Studios.

### Programs Offered:

- Ceramic Arts (M.A.) (p. 114)
- Ceramic Arts (M.F.A.) (p. 115)
- Ceramic Arts Graduate Certificate (p. 129)
- Art and Archaeology Major (B.A.) with Archaeology Concentration (p. 59)
- Art and Archaeology Major (B.A.) with Art Education Concentration (p. 60) (pre K-12)
- Art and Archaeology Major with Art History Concentration, B.A. (p. 60)
- Art and Archaeology Major with Studio Art Concentration, B.A. (p. 61)
- Art History Minor (p. 49)
- Archaeology Minor (p. 48)
- Studio Art Minor (p. 57)

### ART AND ARCHAEOLOGY MAJOR WITH ARCHAEOLOGY CONCENTRATION, B.A.

The art and archaeology major with a concentration in archaeology introduces students to the art, artifacts and cultures of the ancient world, as well as the field methods of archaeologists today. Hood students regularly participate in excavations in the U.S. and around the world, most recently at sites in Italy, Turkey, Belize and Bermuda. U.S. sites include battlefields and historical sites in Maryland and Virginia. We also encourage students to seek internship opportunities locally and worldwide, as hands-on experience is vital to future studies and employment in archaeology.

**REQUIREMENTS FOR THE MAJOR WITH CONCENTRATION****Required courses:**

ART 220	History of Art I	4.0
ART 370	Archaeological Fieldwork or	3.0
ART 399	Internship in Art	3.0 - 15.0
ART 399C	Archaeology Internship/Fieldwork Colloq	1.0
ART 470	Seminar: Topics in Art & Archaeology	4.0
INST 312	Archaeology: Cultures, Tech, Meth, Theories	4.0

**Two of the following:**

ARRL 330	Archeology of Ancient Israel	4.0
ART 332	Aegean Archaeology	4.0
ART 340	Art of Prehistory	4.0
ART 349	Art of Egypt and Mesopotamia	4.0
ART 350	Classical Art and Archaeology	4.0
ART 363	Roman Art & Culture	4.0
ART 469	Advanced Topics in Archaeology	4.0

**Two of the following; at least one must be outside the Art and Archaeology Department:**

ART 201	Meaning & Method in Art	4.0
ART 250	Art of Asia	4.0
ART 331	Museums, Sites and Cities	4.0
ART 362	Rome and Hollywood	4.0
ARTS 203	Ceramics I	3.0
ARTS 211	Digital Photography	3.0
ANTH 201	Introduction to Anthropology	4.0
ANTH 302	Cultural Anthropology	4.0
CL 202	Mythology	3.0
CL 302	Classical Mythology	3.0
HIST 365	The Ancient Near East and Greece	4.0
HIST 366	Ancient Rome	4.0
PLRL 205	Classical Religion & Philosophy	3.0

**ART AND ARCHAEOLOGY MAJOR WITH ART EDUCATION CONCENTRATION (PRE K-12), B.A.**

Students who wish to teach art at the preK-12 level should plan to major in Art and Archaeology with an Art Education Concentration. Students in this concentration receive a strong training in traditional studio media, including design, drawing, painting, photography, ceramics and printmaking; as well as in digital media and art history. Students who successfully complete this concentration will receive certification to teach in Maryland upon graduation, as well as reciprocity for teaching in certain other states.

The Art Education concentration provides for the development of broad-based knowledge and skills in the studio arts insuring that students will be thoroughly prepared to teach courses in design, drawing and painting, and in their choice of two additional media: painting, photography, ceramics or printmaking. The required course in photography and digital arts will introduce students to the uses of technology in the arts. Three courses in art history and an upper-level course in art history or archaeology will provide students with a solid grounding in the history

and cultural contexts of the visual arts. An internship (i.e., a student teaching semester) will culminate teacher preparation.

**REQUIREMENTS FOR THE MAJOR WITH CONCENTRATION****Foundation courses**

ARTS 101	Design or	4.0
ARTS 102	Two-Dimensional Design and	2.0
ARTS 103	Three-Dimensional Design	2.0
ARTS 123	Drawing I	3.0
ARTS 224	Drawing II	3.0
ART 220	History of Art I	4.0
ART 221	History of Art II	4.0

**Second level courses**

ARTS 203	Ceramics I	3.0
ARTS 211	Digital Photography or	3.0
ARTS 214	Darkroom Photography	3.0
ARTS 226	Digital Arts	3.0
ARTS 234	Relief Printmaking I or	3.0
ARTS 235	Monotype Printmaking I	3.0
ARTS 237	Painting I	3.0

**Upper-level requirements**

ARTS 338	Painting II	3.0
	One additional 300 level art history course (ART)	4.0
	One additional 300 level studio course in any medium (ARTS)	3.0

**One of the following:**

ARTS 311	Photography II	3.0
ARTS 303	Ceramic Wheel	3.0
ARTS 314	Relief Printmaking II	3.0
ARTS 315	Monotype Printmaking II	3.0
ARCA 322	Photojournalism	3.0

In addition, students must meet the requirements specified under *Education, Secondary Education Certification* (p. 74).

**ART AND ARCHAEOLOGY MAJOR WITH ART HISTORY CONCENTRATION, B.A.**

The art and archaeology major with art history concentration introduces students to significant works of painting, sculpture and architecture, and helps them develop creativity, critical judgment and historical awareness. The major stresses art history, which places works of art in their historical, cultural and artistic contexts. It also offers the student experience in the concepts, methods and materials of archaeology and the history of film. Studio art, providing direct experience with design, drawing, painting and other media, enriches the student's understanding

of the creative process and is also an important component of the curriculum.

For art majors, Hood’s location near Washington, D.C., and Baltimore is especially valuable. Field trips to the National Gallery of Art, the Smithsonian, the Hirshhorn Museum and Sculpture Garden, Dumbarton Oaks, the Walters Art Gallery and other collections allow students to study major works of art firsthand. Internships are available with most of these museums and with advertising agencies, design studios and cultural institutions such as the Library of Congress and the National Trust for Historic Preservation. In Hood’s Hodson Art Gallery, students may participate in the planning and installation of exhibitions by serving as gallery assistants in ART 300.

The concentration offers students a broad perspective on themes fundamental to the humanities. It also prepares students to pursue careers in museums, galleries and other cultural institutions, and provides a basis for graduate work in art history, museum studies, conservation, archaeology and other fields. Students are encouraged to take related courses in history, literature, foreign languages, music, religion and philosophy. Those who plan to earn an advanced degree in art history or archaeology should take French or German in preparation for graduate school. The department strongly suggests that majors spend a semester or year abroad.

**REQUIREMENTS FOR THE MAJOR**

The art and archaeology major with art history concentration requires a minimum of 35 credits in art.

**The following are required:**

ART 220	History of Art I	4.0
ART 221	History of Art II	4.0
ART 470	Seminar: Topics in Art & Archaeology	4.0
ARTS 101	Design	4.0
	or	
ARTS 102	Two-Dimensional Design and	2.0
ARTS 103	Three-Dimensional Design	2.0
	One additional course in studio art (ARTS)	3.0
	Four additional courses in art history (ART)	16.0

NOTE: Three of the four additional courses in art history must be at the 300-level or above and cannot include the following: ART 300, ART 335, ART 370 and ART 399.

While the major emphasizes art history, studio art supports and contributes to the curriculum. Hood offers courses in design, drawing, painting, photography, printmaking and ceramic arts. Visiting artists offer courses and frequently visit classes to enrich student learning experiences. Course work in studio art, as well as in art history and chemistry, is also essential for students considering a career in conservation.

**ART AND ARCHAEOLOGY MAJOR WITH STUDIO ART CONCENTRATION, B.A.**

The studio art concentration provides academic preparation for students planning to pursue professional careers in the visual arts, teaching, community art programs, museums, galleries and other cultural institutions. The study of studio art is important for students interested

in art therapy. Students planning careers in art therapy should take a minimum of 15 credits in studio art and 15 credits in psychology in preparation for graduate school. Students will gain broad-based knowledge and skills in design, drawing, painting, photography, printmaking and ceramic art. A major in studio arts will provide educational opportunities to develop an understanding of movements and concepts in art, the ability to analyze formal design issues and apply accurate terminology to that analysis, the ability to express personal visual aesthetics inherent in a body of work, the ability to communicate their aesthetic intentions verbally and in written form, and the skills to create a body of work and present an exhibition to the public. The studio art concentration provides educational opportunities that both strengthen the analytical and creative thinking skills needed for diverse careers and give students experience in personal aesthetic expression.

**REQUIREMENTS FOR THE MAJOR**

The art and archaeology major with studio art concentration requires a minimum of 38 credits in art.

**The following are required:**

ARTS 101	Design	4.0
	or	
ARTS 102	Two-Dimensional Design and	2.0
ARTS 103	Three-Dimensional Design	2.0
ARTS 123	Drawing I	3.0
ART 220	History of Art I	4.0
ART 221	History of Art II	4.0
ART 300	Gallery Management	2.0
ART 361	Twentieth Century Art	4.0
ARTS 469	The Business of Art	2.0
ARTS 470	Senior Seminar	3.0

**In addition, students are required to complete:**

9 credits in one medium, including two 300-level courses, from the following selection of studio art courses:

ARTS 203	Ceramics I	3.0
ARTS 211	Digital Photography	3.0
ARTS 224	Drawing II	3.0
ARTS 226	Digital Arts	3.0
ARTS 234	Relief Printmaking I	3.0
ARTS 235	Monotype Printmaking I	3.0
ARTS 237	Painting I	3.0
ARTS 303	Ceramic Wheel	3.0
ARTS 304	Ceramics:Sculpture/Handbuilding	3.0
ARTS 311	Photography II	3.0
ARTS 312	Photography III	3.0
ARTS 314	Relief Printmaking II	3.0
ARTS 315	Monotype Printmaking II	3.0
ARTS 316	Selected Topics in Studio Art	3.0
ARCA 322	Photojournalism	3.0
ARTS 324	Drawing III	3.0
ARTS 330	Skills for Surviving in Drawing & Pntg	3.0
ARTS 334	Advanced Printmaking	3.0
ARTS 338	Painting II	3.0
ARTS 339	Painting III	3.0
ARTS 343	Intermediate Wheel	3.0
ARTS 344	Drawing IV	3.0

ARTS 345	Ceramic Sculpture	3.0
ARTS 375	Independent Study	1.0 - 3.0
	One additional 3-credit studio course (ARTS) outside the focus area	3.0

## BIOLOGY DEPARTMENT

**Professors:** Ann L. Boyd, Drew Ferrier, Ricky Hirschhorn, Craig Laufer, Oney P. Smith

**Associate Professors:** Michael Alavanja, Eric Annis, Susan Carney, Kathy Falkenstein (chair), Eric Kindahl, Jeffrey Rossio

**Assistant Professors:** Rachel Bagni, April Boulton, Steven Giardina

The Department of Biology offers two programs of study leading to a Bachelor of Arts degree and two programs leading to a Master of Science degree. A biology minor and an environmental science minor are also offered.

The undergraduate major in biology leads to a Bachelor of Arts degree. Biology majors also may earn secondary teaching certification.

The environmental science and policy major is an interdisciplinary major leading to a Bachelor of Arts degree, administered by the departments of biology; chemistry and physics; economics and management; and political science. Students who choose this major take a common core of environmental studies, natural sciences and social sciences courses, then concentrate in environmental biology, environmental chemistry or environmental policy. Each area of study is structured to meet the particular goals of that program. There is ample freedom in the course selection, however, to allow for programs tailored to individual needs.

The Master of Science degree is offered in biomedical science and in environmental biology.

**Facilities:** The department is housed in the Hodson Science and Technology Center. All laboratory facilities are either completely new or newly renovated. Lecture and lab classrooms have the latest in multimedia classroom presentation hardware. Specially designed and equipped labs for molecular biology, microbiology, physiology and animal behavior are available for course work and student and faculty research. Additional facilities such as dark room, cold room, tissue culture lab, fluorescence microscopy and an environmental analysis lab are all available for teaching and faculty and student research. Students can conduct environmental analyses using high performance liquid chromatography, gas chromatography, atomic absorption and other analytical instruments. A greenhouse, environmental chambers and aquatic laboratory are available to grow and study plants and animals. Other major instrumentation includes a scanning electron microscope, ultracentrifuge and automated DNA sequencer. Along with the new teaching labs and classrooms, specially designed laboratories for student and faculty research enhance the opportunities for students to join with the faculty in pursuing work from the biochemical to the ecological.

### Programs Offered:

- Biomedical Science (M.S.) (p. 111)
- Environmental Biology (M.S.) (p. 123)
- Biology Major (B.A.) (p. 62)

- Environmental Science and Policy Major (B.A.) (p. 65)
- Biology Minor (p. 49)
- Coastal Studies Minor (p. 50)
- Environmental Studies Minor (p. 51)

## BIOLOGY MAJOR, B.A.

Majors in biology obtain a broad and modern education in the biological sciences. The course of study includes the biology core courses that cover the fundamentals of cell biology, ecology, evolution, genetics and physiology. Elective courses provide for study at greater depth and reflect the breadth of biology. The major allows students to specialize or take a broad range of elective courses as they and their advisers deem appropriate. Elective courses are designed to help prepare students for graduate and professional school and biology-related employment. The capstone experience allows biology majors to synthesize and apply the knowledge and skills gained in earlier coursework and serves as a transition to post-baccalaureate training and employment.

Course offerings in the biology department are well balanced and broad, ranging from animal behavior to recombinant DNA technology. In all courses, material focuses on principles and their application to current topics in each of the fields. Advanced, double-numbered elective courses allow qualified seniors to study in depth in their chosen fields. Almost all courses offered for the major include laboratory instruction. Laboratory curricula complement lecture material and emphasize hands-on learning through experimentation. As students progress through the curriculum they are challenged to develop increasingly sophisticated experimental and analytical skills. Some courses also include trips to undertake field research and to tour industrial and research sites of interest.

The curriculum for biology majors provides excellent preparation for many different careers. Options for graduates include research positions with government and private agencies in the laboratory or in the field. Students are well prepared for post-baccalaureate programs in medicine, veterinary medicine, dentistry, physical therapy and clinical laboratory science. Graduate study in a specialized field of biology is another excellent option for students majoring in biology. The biology faculty play an active role in assisting students throughout the process of achieving their career goals.

### REQUIREMENTS FOR THE MAJOR

#### Basic Courses

BIOL 110-129	Biological Inquiry	4.0
CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0
CHEM 209	Organic Chemistry I	4.0
MATH 112	Applied Statistics	3.0

#### Biology Core

BIOL 201	Evolution and Ecology	4.0
BIOL 202	Physiology of Plants & Animals	4.0
BIOL 203	Intro to Cell Biology & Genetics	4.0

#### Biology Electives

Five electives at the 300 level or higher, three of which must include a laboratory (3 credit, double-numbered laboratory courses do not satisfy the lab requirement. Not included among the elective courses are BIOL 335; BIOL 375; BIOL 399; and BIOL 499).

### Capstone

Students with senior standing or second semester juniors with grades of “C-” or better who have completed the three biology core classes (BIOL 201, BIOL 202, BIOL 203) and four elective classes in biology at the 300 level or above or with permission of the department may enroll in capstone experiences.

Regular attendance by senior students at departmental seminars is a capstone requirement. Further, students can satisfy the capstone requirement via two alternate means:

Three-credit research or field work experience through appropriate honors, independent study, secondary education teaching or internship mechanisms. Departmental approval of a research proposal must precede this work. Students are also required to present, in the form of a poster, the results of their capstone experience. Capstone research credits must be taken as a second semester junior or a senior (or the summer between the junior and senior years).

or

BIOL 470 Biology Seminar—the course will involve a team approach toward preparation of a significant document. The nature of the document is not fixed but chosen by the instructor for each seminar course. Examples of the types of documents envisioned include grant proposals, review articles and texts for proposed 110-129 courses. Biology seminar must be taken as a second semester junior or as a senior.

### Recommended Courses

BIOL 375	Independent Study	1.0 - 3.0
CHEM 210	Organic Chemistry II	4.0
MATH 112	Applied Statistics	3.0
MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
PHYS 203	Introductory Physics I and	4.0
PHYS 204	Introductory Physics II or	4.0
PHYS 101	General Physics and	4.0
PHYS 102	General Physics	4.0
MATH 112, MATH 201: (if not taken for math requirement in major)		

### CURRICULAR DIRECTIONS IN BIOLOGY

Curricular directions provide students with suggested combinations of courses that could best meet a student’s individual goals and interests; however, biology majors are not required to choose a particular curricular direction listed below. It is recommended that students, along with their academic advisers, choose a combination of elective courses to suit their needs for further study and work in biology and health-related fields.

#### Integrative Biology Direction

The integrative biology direction broadly prepares students for further study or work in biology. Recommended elective courses include:

- cell biology • genetics • microbiology
- plant form and function • field biology • advanced ecology
- vertebrate physiology • invertebrate zoology • animal behavior

#### Pre-medical Direction

The pre-medical direction is especially suited for students who wish to pursue a career in medicine, dentistry, veterinary medicine or an allied health field (e.g., nursing, physical therapy, physician’s assistant).

Students are urged to meet with the health professions adviser, located in the Catherine Filene Shouse Career Center, in their first year.

Recommended elective courses include:

- vertebrate physiology • human anatomy and physiology • microbiology
- mechanisms of infectious disease • cell biology • genetics
- immunology

#### Molecular Biology Direction

The molecular biology direction is recommended for students who are planning a career in research in molecular or cell biology or intend to pursue graduate studies in these fields. The molecular biology direction is also recommended for students considering careers in bioinformatics, forensics or drug discovery. Recommended elective courses include:

- cell biology • microbiology • protein biochemistry
- genetics • immunology • biochemistry of intermediary metabolism
- principles and methods in molecular genetics • molecular biology eukaryotic cell

#### Microbiology Direction

The microbiology direction is well-suited for students who are planning a career in research in microbiology or immunology or intend to pursue graduate studies in these fields. The microbiology direction is also recommended for students considering careers as industrial, food, environmental, clinical or veterinary microbiologists, quality assurance technicians or medical technologists. Recommended elective courses include:

- microbiology • genetics • immunology
- cell biology • virology • principles and methods in molecular genetics
- mechanisms of infectious disease

#### Ecology Direction

The ecology direction is recommended for students who are planning a career in research in ecology, evolutionary biology or environmental biology or intend to pursue graduate studies in these fields. The ecology direction is also recommended for students considering careers in forestry, wildlife or fisheries management, environmental activism, recreation planning, conservation biology or environmental education. Recommended elective courses include:

- advanced ecology • field biology
- animal behavior • plant form and function
- aquatic biology • plant ecology
- invertebrate zoology • vertebrate physiology

#### Secondary Education Direction

The secondary education direction is recommended for students who wish to pursue a career in teaching biology. Recommended elective courses include:

- genetics • field biology
- plant form and function • microbiology
- vertebrate physiology • invertebrate zoology

Student research opportunities are another hallmark of our program. The faculty are engaged in active research in a diverse range of subdisciplines. Students can work with faculty to investigate the molecular biology of insect-carried diseases in plants, the symbiotic association of nitrogen-fixing algae with marine corals, the molecular genetics of oncogene expression, the ecology of the American Chestnut, the biochemistry of protein-DNA interactions, the population genetics of amphibians and the behavioral ecology of frogs, just to mention a few of the research interests of our faculty. Independent study, Honors research and our Summer Research Institute (where students stay on campus and receive a summer stipend to conduct research) are all means for our students to join the faculty in their research pursuits.

We also encourage students to participate in off-campus research opportunities. The College is situated only a few blocks from Fort Detrick, a federal facility housing research laboratories of the National Cancer Institute, U.S. Army Medical Research Institute for Infectious Diseases and U.S. Department of Agriculture. Many of our students complete internships at these nearby laboratories. Internship experiences often lead directly to employment opportunities in the Fort Detrick laboratories or the many biotechnology laboratories of the I-270 technology corridor between Washington, D.C., and Frederick. Students have also completed internships at a number of other locations, including the National Aquarium, Horn Point Environmental Laboratory and the Chesapeake Biological Laboratory.

#### **Duke University Marine Sciences Education Consortium**

(MSEC)Hood College maintains a close relationship with the Duke University Marine Laboratory in Beaufort, N.C. At the invitation of the University, Hood has made that relationship even stronger by joining the Duke University Marine Sciences Education Consortium. Hood students may use the marine laboratory's facilities for independent study projects and coursework. The marine laboratory is located in a historic coastal town on the Intracoastal Waterway near the Outer Banks and Cape Hatteras. Opportunities for study include field work in a variety of estuarine, salt marsh, beach and open ocean environments. Enrollment at MSEC is administered by the Hood Department of Biology.

Hood students transfer credits but not quality points for work completed at the Duke University Marine Laboratory.

The Duke University Marine Laboratory offers courses during the fall semester (late August to late December), spring semester (mid-January to late April) and three summer terms. These courses change each year; the following list represents a sample of offerings. In the spring semester, Duke offers a special program of seven weeks at the Duke University Marine Laboratory and seven weeks at the Bermuda Biological Station for Research. Contact the Department of Biology for details.

Analysis of Ocean Ecosystems Conservation Biology and Policy  
Barrier Island Ecology Environmental Biochemistry  
Beach and Island Geological Processes Marine Ecology  
Biochemistry of Marine Animals Marine Fisheries Policy  
Biological Oceanography Marine Invertebrate Zoology  
Coastal Ecosystem Processes Marine Mammals  
Coastal Ecotoxicology and Pollution Physiology of Marine Animals

## **BIOLOGY SECONDARY EDUCATION CERTIFICATION**

Biology majors also may wish to obtain certification to teach biology at the secondary level. Students who complete this secondary education program receive certification to teach in Maryland upon graduation, as well as reciprocity for teaching in certain other states.

Students must complete the requirements for the biology major and take PHYS 101 or PHYS 203.

In addition, they must meet the requirements specified by the Department of Education at Hood. (p. 74)

## **COASTAL STUDIES SEMESTER**

Hood's Coastal Studies Semester takes place during the fall semester (August to December). The curriculum combines the study of culture and society with science and technology for a truly multidisciplinary approach to learning about environmental science and coastal issues. Interactions with scientists, authors and other environmental professionals in the region augment class discussions, lab investigations and fieldwork. An interdisciplinary research practicum weaves together scientific, historical and cultural threads to unify the semester-long experience. Students earn 14 to 16 semester hours of academic credit through successful completion of courses. The courses offered may vary from year to year.

### **REQUIREMENTS**

The following list represents a sample of possible course offerings:

ENSP 210	Coastal Oceanography	4.0
ENSP 212	Coastal Community Ecology	4.0
ENSP 370	Coastal Studies Practicum	2.0
ESHN 307	Chesapeake Bay:Human Impact on Nat Sys	4.0

During the semester, students and faculty travel throughout the mid-Atlantic region and use nationally known coastal research facilities as a base of operations for one- to two-week intervals. The facilities used may vary from year to year and may include:

The Chesapeake Biological Laboratory, Solomons, Md.  
The Marine Science Consortium at Wallops Island, Va.  
The Virginia Institute of Marine Sciences' Eastern Shore Laboratory, Wachapreague, Va.  
Hood College, Frederick, Md.

Short stops of one to two days at various other locations of interest, such as the historic St. Mary's City, Jamestowne, Williamsburg or Horn Point and Oxford Laboratories, are an integral part of the semester.

Students can also obtain a minor in coastal studies by successfully completing the fall semester and participating in Coastal Studies Field Experiences, which are three-week courses that are offered during January and summer semesters. The Coastal Studies Semester and an additional Coastal Studies Field Experience course comprise the largely travel-based minor, which is designed to provide students with both textbook and first-hand knowledge of environmental challenges currently facing coastal regions. Consult the *Minors* (p. 47) section of the catalog for specific information.

Contact the coastal studies semester coordinator in the Department of Biology for more details.

## ENVIRONMENTAL SCIENCE AND POLICY MAJOR, B.A.

**Program Director:** Eric Kindahl

Students in this program complete a common core of courses in environmental studies, the natural sciences, the social sciences and mathematics. These courses also fulfill the Hood College Core Curriculum requirements for a foundations course in mathematics/computation; for the scientific thought courses in the Methods of Inquiry section; and for a course in social and behavioral analysis in the Methods of Inquiry section.

Majors concentrate in one of three fields: environmental biology, environmental chemistry or environmental policy. Students draw on this training in an interdisciplinary problem-solving senior seminar. In addition, majors are guided toward internships and other work experiences that complement their academic work. Recent internship sites have included the National Aquarium in Baltimore, the Nature Conservancy, the U.S. Department of Agriculture, the National Park Service and the U.S. Environmental Protection Agency.

This hands-on major is designed to take advantage of Hood's proximity to terrestrial, freshwater and marine habitats, to government research facilities and to federal policy-making agencies in Washington, D.C. Students in the ENSP program are encouraged to take part in Hood College's Coastal Studies Semester, directed by Drew Ferrier.

### REQUIREMENTS FOR THE MAJOR

#### Required Courses

BIOL 201	Evolution and Ecology	4.0
BIOL 202	Physiology of Plants & Animals	4.0
CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0
ECON 206	Princ of Microeconomics	3.0
ENSP 101	Environmental Problems	3.0
ENSP 102	Environmental Science Lab	1.0
ENSP 470	Seminar:Environmental Impact Analysis	3.0

PSCI 203	Introduction to U.S. Politics	4.0
	or	
PSCI 210	Comparative Politics	3.0
	or	
PSCI 215	International Relations	4.0

ECPS 414	Environmental Policy	3.0
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#### Environmental Biology Concentration

BIOL 203	Intro to Cell Biology & Genetics	4.0
CHEM 209	Organic Chemistry I	4.0
ENSP 403	Pollution Biology	3.0
ENSP 407	Natural Resource Mgt	3.0
MATH 112	Applied Statistics	3.0

#### 8 credits of electives from the following:

BIOL 309	Aquatic Ecology	4.0
BIOL 316	Genetics	4.0
BIOL 331	Microbiology	4.0
BIOL 336	Vertebrate Zoology	4.0
BIOL 337	Invertebrate Zoology	4.0
BIOL 338	Advanced Ecology	4.0

BIOL 343	Animal Behavior	4.0
BIOL 344	Ornithology	4.0
BIOL 345-349	Field Ecology & Natural History	3.0
BIOL 451	Plant Ecology	3.0
CHEM 401	Environmental Chemistry	3.0
ENSP 201	Contemporary Environ Controversies	3.0
ENSP 210	Coastal Oceanography	4.0
ENSP 212	Coastal Community Ecology	4.0
ENSP 411	Conservation Biology	3.0
ESHN 307	Chesapeake Bay:Human Impact on Nat Sys	4.0

#### Environmental Chemistry Concentration

CHEM 209	Organic Chemistry I	4.0
CHEM 210	Organic Chemistry II	4.0
CHEM 215	Quantitative Analysis	4.0
CHEM 324	Instrumental Methods of Analysis	4.0
CHEM 401	Environmental Chemistry	3.0
MATH 201	Calculus I	4.0

#### Recommended courses:

CHEM 431	Quantum Mechanics	3.0
ENSP 403	Pollution Biology	3.0
MATH 202	Calculus II	4.0

#### Environmental Policy Concentration

ECON 310	Environmental Economics	3.0
MATH 112	Applied Statistics	3.0

PSCI 203	Introduction to U.S. Politics	4.0
	or	
PSCI 210	Comparative Politics	3.0
	or	
PSCI 215	International Relations	4.0
PSCI 203, PSCI 210, PSCI 215: if not taken as part of the requirement for the major		

#### 12 credits of electives from the following:

ECON 306	Microeconomic Analysis	3.0
ECON 317	Economics of Development	3.0
ECON 318	Comparative Market Economies	3.0
ECON 324	International Trade	3.0
ENSP 201	Contemporary Environ Controversies	3.0
ENSP 399	Internship	3.0 - 15.0

PSCI 203	Introduction to U.S. Politics	4.0
	or	
PSCI 210	Comparative Politics	3.0
	or	
PSCI 215	International Relations	4.0
PSCI 317	Urban Politics	3.0
PSCI 320	Congressional and Presidential Politics	3.0
PSCI 323	Politics of the Developing World	3.0

PSCI 203, PSCI 210, PSCI 215: if not taken as part of the requirement for the major

Students should consult their advisers for elective courses that may strengthen the major and concentration. In addition to the courses listed in the basic curriculum and in the environmental biology, chemistry and policy concentrations, some courses are available through the

environmental biology program of the Graduate School. These courses may be taken by environmental science majors who meet the qualifications set for the individual courses.

## CHEMISTRY AND PHYSICS DEPARTMENT

**Professors:** Susan Ensel, Allen Flora

**Associate Professors:** Kevin Bennett, Dana Lawrence, Christopher Stromberg (chair)

**General Chemistry Coordinator:** Raymond Briñas

**Department Assistant:** Nicholas Kettenhofen

The department offers two undergraduate majors: chemistry and biochemistry. The major in chemistry consists of a core of chemistry courses with some work in physics and mathematics.

The major in biochemistry consists of a combination of chemistry and biology courses, also with some work in physics and mathematics.

Chemistry majors may earn secondary teaching certification. Minors in chemistry and physics are offered, as well as an environmental chemistry concentration in the environmental science and policy major.

The chemistry and physics faculty are active professionals and scholars.

**Facilities:** Chemistry and physics teaching laboratories are equipped with computer-controlled data acquisition and analysis systems. Chemistry students use instruments such as a nuclear magnetic resonance spectrometer; a GC-Mass spectrometer; a Fourier transform infrared spectrometer; a visible and ultraviolet spectrophotometer; a SPEX fluorimeter; a Raman spectrometer; high performance liquid chromatographs; a capillary electrophoresis system; and calorimeters. Research laboratories contain additional specialized equipment. Our historic Williams Observatory houses an Alvan Clark telescope as well as spectroscopes, telescopes and other equipment used regularly by students in astronomy courses.

### Programs Offered:

- Biochemistry Major (B.A.) (p. 66)
- Chemistry Major (B.A.) (p. 67)
- Environmental Chemistry concentration in Environmental Science and Policy Major (p. 65)
- Chemistry Minor (p. 49)
- Physics Minor (p. 55)

## BIOCHEMISTRY MAJOR, B.A.

The biochemistry major is a broadly based program built upon a foundation of chemistry and biology strengthened by study of physics and mathematics. Central to this coursework is experience with modern instrumentation and techniques. This major, combined with Hood's Core Curriculum, provides students with the educational background that will allow them to pursue post-baccalaureate studies in chemistry, biology, biochemistry or the health professions. It also prepares them for employment in a wide variety of careers ranging from biotechnology to business. Most students take advantage of internship opportunities available at many biomedical and biotechnology laboratories in the Frederick-Baltimore-Washington, D.C., area.

### REQUIREMENTS FOR THE MAJOR

#### Required:

CHEM 101 General Chemistry I 4.0

CHEM 102	General Chemistry II	4.0
CHEM 209	Organic Chemistry I	4.0
CHEM 210	Organic Chemistry II	4.0
CHEM 215	Quantitative Analysis	4.0
CHEM 270	Physical Science Literature	2.0
CHEM 301	Biological Chemistry I	4.0
CHEM 402	Biological Chemistry II	3.0
CHEM 403	Biological Chemistry Lab Techniques	1.0
CHEM 431	Quantum Mechanics	3.0
CHEM 433	Quantum Mechanics Lab	1.0
CHEM 470	Senior Seminar	1.0
BIOL 110-129	Biological Inquiry	4.0
BIOL 203	Intro to Cell Biology & Genetics	4.0
BIOL 331	Microbiology	4.0
BIOL 339	Cell Biology	4.0
MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0

PHYS 101	General Physics and and	4.0
PHYS 102	General Physics or	4.0
PHYS 203	Introductory Physics I and	4.0
PHYS 204	Introductory Physics II	4.0

### Recommended Courses

CHEM 324	Instrumental Methods of Analysis	4.0
CHEM 410	Advanced Organic Chemistry	3.0
CHEM 432	Thermodynamics & Statistical Mechanics	3.0
CHEM 434	Thermodynamics & Stat Mechanics Lab	1.0
BIOL 316	Genetics	4.0
BIOL 424	Molecular Biology Eukaryotic Cells	3.0

## CURRICULAR DIRECTIONS IN BIOCHEMISTRY

### Pre-Medical Studies

For students pursuing a career in medicine, dentistry, veterinary medicine, pharmacology, nursing or an allied health field, the biochemistry major will provide an excellent preparation for professional study. The biochemistry major requirements are most closely aligned with those of the Medical College Admission Test. In order to prepare for the MCAT or the Dental Admission Test, students should complete the following courses by the end of their junior year:

### 8 credits in biology

CHEM 101, 102 General Chemistry I, II  
 CHEM 209, 210 Organic Chemistry I, II  
 PHYS 101, 102 General Physics I, II or PHYS 203, 204 Introductory Physics I, II (requires calculus)  
 PSY 101 Introduction to Psychology  
 SOC 101 Principles of Sociology

In addition, some schools will recommend or require additional courses, which most frequently include anatomy and physiology, genetics, microbiology, biochemistry, a year of English, some calculus and philosophy or ethics. The Health Professions Advisory Committee works closely with the Catherine Filene Shouse Career Center to assist students in the medical school application process.

### Biotechnology Studies

The biochemistry major provides excellent preparation for careers in

rapidly growing biotechnology fields such as genomics and proteomics. Chemistry classes ensure a background in the use of instruments and other modern laboratory techniques. Biochemistry and biology courses cover concepts and techniques used in the biotechnology industry. In addition to the courses required for the major, the following courses are recommended:

CHEM 324 Instrumental Methods of Analysis  
 BIOL 316 Genetics  
 BIOL 424 Molecular Biology of Eukaryotic Cells

#### Forensics Studies

The biochemistry major provides excellent preparation for careers in forensic science. Chemistry classes will give you a thorough grounding in the analytical techniques which are used by forensic chemists on a daily basis. Biochemistry and biology courses cover molecular biology concepts and techniques used in DNA analysis. Our explicit pedagogical focus on the scientific method helps students develop the deductive reasoning skills necessary for a successful forensics career. In addition to the courses required for the major, and depending upon students' specific areas of interest, students may consider taking:

ANTH 201 Introduction to Anthropology  
 BIOL 316 Genetics  
 CHEM 324 Instrumental Methods of Analysis  
 CMA 207 Principles of Speech Communication  
 CMA 306 Business Writing in the Digital Age  
 LWPS 230 Introduction to Law  
 PSY 101 Introduction to Psychology

## CHEMISTRY MAJOR, B.A.

The chemistry major combines study in the discipline with a broadly based liberal arts education. Students gain valuable experience with modern instrumentation and the methods of scientific investigation through their coursework. The department focuses specifically on providing extensive laboratory experience to all students, to complement a thorough grounding in chemical theory. Class projects and presentations develop the students' ability to speak clearly and write cogently on scientific topics. Advanced students are encouraged to conduct independent projects and to participate in the wide variety of internship positions available at professional laboratories in Frederick and in the Baltimore-Washington, D.C., technology corridors.

### REQUIREMENTS FOR THE MAJOR

#### Required:

CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0
CHEM 209	Organic Chemistry I	4.0
CHEM 210	Organic Chemistry II	4.0
CHEM 215	Quantitative Analysis	4.0
CHEM 270	Physical Science Literature	2.0
CHEM 301	Biological Chemistry I	4.0
CHEM 324	Instrumental Methods of Analysis	4.0
CHEM 405	Inorganic Chemistry	3.0
CHEM 431	Quantum Mechanics	3.0
CHEM 432	Thermodynamics & Statistical Mechanics	3.0
CHEM 433	Quantum Mechanics Lab	1.0
CHEM 434	Thermodynamics & Stat Mechanics Lab	1.0
CHEM 470	Senior Seminar	1.0

MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
PHYS 101	General Physics and	4.0
PHYS 102	General Physics	4.0
	or	
PHYS 203	Introductory Physics I and	4.0
PHYS 204	Introductory Physics II	4.0

Additional courses in mathematics, computer science and intermediate-level physics are recommended for all chemistry majors. MATH 253 Multivariable Calculus; MATH 304 Differential Equations; and MATH 339 Linear Algebra are especially useful courses. Students interested in physical, analytical or theoretical chemistry should consider taking at least two of these courses. Students who plan to enter graduate school in chemistry should have a reading knowledge of a foreign language.

### CURRICULAR DIRECTIONS IN CHEMISTRY

The chemistry major provides excellent preparation for a wide variety of careers. Many students find professional positions immediately following graduation. In addition to laboratory research positions, chemistry majors are in demand in such fields as toxicology, public health, patent and intellectual property law, forensics, teaching, marketing, technical writing, art restoration and scientific information retrieval. Chemistry majors are well prepared to pursue graduate degrees in chemistry, biochemistry and related biotechnology fields; or medicine, veterinary medicine, dentistry, pharmacology, physical therapy and the range of allied health fields. Students with specific career aspirations can consider the following recommendations as they develop their undergraduate schedules.

#### Pre-medical Studies

The chemistry major will provide excellent preparation for students who are pursuing a career in medicine, dentistry, veterinary medicine, pharmacology, nursing or an allied health field. In order to prepare for the Medical College Admission Test or the Dental Admission Test, students should complete the following courses by the end of their junior year:

BIOL Courses 8 credits in biology at the 200 level (BIOL 202 and BIOL 203 are recommended)  
 CHEM 101, CHEM 102 General Chemistry I, II  
 CHEM 209, CHEM 210 Organic Chemistry I, II  
 PHYS 101, PHYS 102 General Physics I, II or PHYS 203, PHYS 204 Introductory Physics I, II (requires calculus)  
 PSY 101 Introduction to Psychology  
 SOC 101 Principles of Sociology

In addition, some schools will recommend or require additional courses, which most frequently include anatomy and physiology, genetics, microbiology, biochemistry, a year of English, some calculus and philosophy or ethics. The Health Professions Advisory Committee works closely with the Catherine Filene Shouse Career Center to assist students in the medical school application process.

#### Environmental Chemistry Studies

For students interested in environmental issues, we offer a concentration in environmental chemistry in association with the Department of

Biology. Students declare a major in environmental science and policy–chemistry track, and undertake substantial coursework in chemistry providing a technical enhancement to the broad interdisciplinary preparation inherent in the program. In addition to the general requirements of the major, students interested in environmental chemistry take:

CHEM 209, CHEM 210 Organic Chemistry I, II  
 CHEM 215 Quantitative Analysis  
 CHEM 324 Instrumental Methods of Analysis  
 CHEM 401 Environmental Chemistry  
 MATH 201 Calculus I

The following courses, which provide stronger preparation in math and theory for those interested in post-baccalaureate study, are highly recommended:

CHEM 431 Physical Chemistry I  
 MATH 202 Calculus II

#### Forensics Studies

For students interested in forensic sciences, the chemistry major provides excellent preparation for a variety of career paths. Chemistry classes will give you a thorough grounding in the analytical techniques laboratory forensic chemists utilize on a daily basis. Our explicit pedagogical focus on the scientific method helps students develop the deductive reasoning skills necessary for a successful forensics career. In addition to the courses required for the major, and depending upon specific areas of interest, students can consider taking:

ANTH 201 Introduction to Anthropology  
 BIOL 203 Introduction to Cell Biology and Genetics  
 CHEM 301 Biological Chemistry I  
 CMA 207 Principles of Speech Communication  
 CMA 306 Writing for Business and Management  
 LWPS 230 Introduction to Law  
 PSY 101 Introduction to Psychology

## CHEMISTRY SECONDARY EDUCATION CERTIFICATION

Students who intend to pursue a career as a chemistry teacher at the secondary level will need to complete the major in chemistry in addition to the required education courses. The faculty of the education department and the chemistry and physics department will work closely with you to ensure that you are able to meet the requirements of this program.

### REQUIREMENTS FOR THE CERTIFICATION

At this time, in addition to the courses required for the chemistry major and the education major, in order to earn certification, the state of Maryland requires that students complete:

<b>Required:</b>		
BIOL 110-129	Biological Inquiry	4.0
BIOL 202	Physiology of Plants & Animals	4.0

More information about secondary education requirements is available in the Department of Education (p. 74) listings. Completing the teacher education requirements may require time beyond the four years of a B.A. program.

## COMPUTER SCIENCE AND INFORMATION TECHNOLOGY DEPARTMENT

(p. 50)**Professor:** Elizabeth B. Chang

**Associate Professors:** George Dimitoglou, Aijuan Dong, Xinlian Liu (chair), Ahmed Salem

**Assistant Professors:** William Pierce

**Technical Coordinator:** Atsuko Crum

The Department of Computer Science offers an undergraduate major in computer science (B.S. degree), graduate programs in computer science (M.S. degree), information technology (M.S. degree) and the management of information technology (M.S. degree), and a graduate certificate in cybersecurity.

**Facilities:** The College maintains Windows-based microcomputer laboratories in several academic buildings on campus with software tool suites installed to support course instruction. In addition, in the Hodson Science and Technology Center, the department maintains dedicated general-purpose and special-purpose servers, a Linux lab, and an advanced Information Assurance lab for use by computer science, information technology, and cybersecurity students.

### Programs Offered:

- Computer Science (M.S.) (p. 116)
- Information Technology (M.S.) (p. 126)
- Management of Information Technology (M.S.) (p. 127)
- Cybersecurity (Certificate) (p. 129)
- Computer Science Major (B.S.) (p. 68)
- Computer Science Minor (p. 50)
- Web Development Minor (p. 58)

## COMPUTER SCIENCE MAJOR, B.S.

The major in computer science is intended to prepare students for employment in a computer-intensive field, or for graduate study in computer science. All students in this program must meet the following degree requirements:

### REQUIREMENTS FOR THE MAJOR

#### Mathematics, Statistics, Quantitative Analysis and Science (30 credits):

MATH 112	Applied Statistics	3.0
MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
MATH 207	Discrete Math	3.0

Additional courses in science and/or mathematics for a total of 30 credits in science and mathematics are required. To count toward this requirement, science courses should have a laboratory component. Additional mathematics courses must be at the 200-level or higher.

#### Required:

All candidates for the degree must earn at least 44 credits in computer science courses and must complete a total of 124 credits (including

transfer courses accepted by Hood). The final 30 credits must be taken as a degree candidate at Hood.

CS 201	Computer Science I	4.0
CS 202	Computer Science II	4.0
CS 219	Advanced Data Structures	3.0
CS 226	Computer Organization and Design	3.0
CS 319	Algorithm Analysis	3.0
CS 324	Princ Software Engineering	3.0
CS 329	Intro to Database Management Systems	3.0
CS 464	Operating Systems	3.0
CS 471	Programmng Languages	3.0
CS 474	Capstone Proseminar	3.0
CS 475	Senior Project	3.0
CSIT 302	Impact of Computers on Society	3.0

#### Computer Science Electives (9 credits)

The major requires 9 credits of 300-level or above computer science elective courses, of which no more than 3 credits may be an internship or assistantship.

## ECONOMICS AND BUSINESS ADMINISTRATION DEPARTMENT

**Professor:** Anita Jose (M.B.A. director)

**Associate Professor:** Sang W. Kim (chair)

**Assistant Professors:** Michael Coon, David Gurzick, Erin Hinchey, Tianning Li, Jerrold Van Winter, Glenn Weaver

**Instructor:** Jackie Nicholson

The Department of Economics and Business Administration offers two bachelor of arts degrees, economics and business administration, plus the master of business administration.

The department offers courses and programs of study that are concerned with people in various social and organizational contexts.

Majors in economics and business administration have pursued graduate study in economics and business administration and have entered careers in business, as well as social and governmental agencies. While there are required courses in both undergraduate B.A. majors, there is flexibility in selecting elective courses. Students select concentrations of courses that focus on specific education and career interests, and may even pursue a double major when it serves their career needs.

The graduate program in business administration is designed to increase career mobility and to improve management skills for those in, or seeking to enter, management positions.

The economics and business administration faculty represent a variety of backgrounds including economic theory, economic development, environmental economics, international economics, econometrics, finance, accounting, public administration, marketing, international business, personnel, organization theory and strategic management.

#### Programs Offered:

- Master of Business Administration (M.B.A.) (p. 113)
- Business Administration Major (B.A.) (p. 69)
- Accounting Major (B.A.) (p. 69)
- Economics Major (B.A.) (p. 70)
- Integrated Marketing Communication Major (B.A.) (p. 71)

- Business Administration Minor (p. 49)
- Economics Minor (p. 51)
- Management Minor (p. 53)

## ACCOUNTING MAJOR, B.A.

### REQUIREMENTS FOR THE MAJOR

#### Business Administration Core (24 credits):

MGMT 205	Prin of Mgmt Intro to Organizations	3.0
MGMT 306	Principles of Marketing	3.0
MGMT 312	Analytical Methods of Management	3.0
MGMT 314	International Business	3.0
MGMT 411	Seminar in Strategic Management	3.0
MGMT 454	Legal Environment of Business	3.0
ECMG 303	Principles of Finance & Investment	3.0
ITMG 388	Management Information Systems	3.0

*NOTE: MGMT 312, MGMT 314, MGMT 411, ECMG 303, ITMG 388 must be taken at Hood.*

#### Support Core (12 credits):

ECON 205	Princ of Macroeconomics	3.0
ECON 206	Princ of Microeconomics	3.0

MATH 112	Applied Statistics	3.0
	or	
ECMG 212	Statistics for Economics & Management	3.0

PHIL 220	Professional Ethics	3.0
	or	
PHIL 221	Ethics	3.0

#### Accounting Courses (24 credits):

MGMT 281	Principles of Financial Accounting	3.0
MGMT 284	Principles of Managerial Accounting	3.0
MGMT 321	Intermediate Accounting I	3.0
MGMT 322	Intermediate Accounting II	3.0
MGMT 331	Auditing	3.0
MGMT 432	Advanced Accounting	3.0
MGMT 433	Cost Accounting	3.0
MGMT 434	Federal Tax Accounting	3.0

*NOTE: MGMT 321, MGMT 322, MGMT 331, MGMT 432, MGMT 434 must be taken at Hood.*

#### Accounting Practice (3 credits):

MGMT 399	Internship in Management	3.0
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#### Strongly Recommended Courses (9 credits):

For students who aspire to go to the graduate school and/or sit for professional certification exams such as the CPA or CMA, we would strongly recommend the following three courses:

CMA 306	Business Writing in the Digital Age	3.0
ECON 309	Monetary Policy & Financial Markets	3.0
MATH 201	Calculus I	4.0

## BUSINESS ADMINISTRATION MAJOR, B.A.

The business administration program is designed to prepare students for leadership careers in complex organizations in the public, private and nonprofit sectors of an increasingly global economy and diversified workplace. Our differentiating niche is a strong emphasis on business functions, social accountability, global awareness, quantitative and

qualitative analytical skills, and synergy between theory and practice. Because tomorrow's managers will face intense competitive pressures and strong demands for competency, flexibility and accountability, the business administration program provides a curriculum that builds core competencies and embeds that core curriculum in a liberal arts program. The business administration faculty members, who are active in teaching, scholarship and mentoring, aim to create a collaborative teaching and learning environment. Majors are required to participate in our lecture series and to spend either a semester, year or summer studying abroad or in an internship in a major international city such as Washington, D.C. (International students are exempt from the study abroad and internship requirement.) Majors are also encouraged to work with a faculty member in business administration on at least one research project.

All business administration degrees, B.A. and M.B.A., and minors are accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

## COMMON BODY OF KNOWLEDGE

### Business Administration Core

Business administration students are expected to have the following competencies: knowledge about the different functional areas of business, quantitative and qualitative analytical skills, and the ability to relate organizations to the greater society in which they exist. The business administration core, which consists of 15 courses, enables students to achieve these competencies. Every business administration major has to fulfill the business administration core requirement.

#### All majors must take the following courses (33 credits):

MGMT 205	Prin of Mgmt Intro to Organizations	3.0
MGMT 281	Principles of Financial Accounting	3.0
MGMT 284	Principles of Managerial Accounting	3.0
MGMT 301	Organizational Theory and Behavior	3.0
ECMG 303	Principles of Finance & Investment	3.0
MGMT 306	Principles of Marketing	3.0
MGMT 312	Analytical Methods of Management	3.0
MGMT 314	International Business	3.0
ITMG 388	Management Information Systems	3.0
MGMT 411	Seminar in Strategic Management	3.0
MGMT 454	Legal Environment of Business	3.0

*NOTE: MGMT 301, ECMG 303, MGMT 312, MGMT 314, MGMT 411 must be taken at Hood.*

#### All majors must also take the following courses (12 credits):

ECON 205	Princ of Macroeconomics and	3.0
ECON 206	Princ of Microeconomics	3.0
ECMG 212	Statistics for Economics & Management	3.0
	or	
MATH 112	Applied Statistics	3.0
ECON 306	Microeconomic Analysis	3.0

#### Majors are also required to participate in a study abroad semester, year or summer or an internship

MGMT 399	Internship in Management	3.0
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(International students are exempt from the study abroad and internship requirement.)

## DEPTH OF KNOWLEDGE

To provide depth of knowledge over and above the common body of knowledge, students must complete a concentration. All depth of knowledge courses must be taken at Hood.

### Business Administration Concentrations

Students may choose any three courses from the following to complete a general business administration concentration or concentrate in a discipline by selecting three classes from one of the areas below.

#### Accounting (9 credits)

MGMT 321	Intermediate Accounting I	3.0
MGMT 322	Intermediate Accounting II	3.0
MGMT 433	Cost Accounting	3.0

#### Finance (9 credits)

MGMT 402	Business Finance	3.0
MGMT 410	Investment Analysis	3.0
ECMG 478	International Financial Management	3.0

#### Human Resource Management (9 credits)

ECON 318	Comparative Market Economies	3.0
	or	
ECON 328	Labor Economics	3.0
MGMT 307	Personnel Management	3.0
MGMT 313	Employment and Labor Law	3.0

#### Individual Interest Concentrations (9 credits)

Business administration majors may develop, in consultation with their business administration faculty adviser, an individual interest concentration that focuses on a particular career interest. Examples of such concentrations include information systems, computer science, public relations and environmental management.

#### International Economics and Finance (9 credits)

ECON 324	International Trade	3.0
ECON 460	Intl Finance & Open Economy Macro	3.0
ECMG 478	International Financial Management	3.0

#### Marketing (9 credits)

MGMT 406	Consumer Behavior and Analysis	3.0
	or	
CMA 310	Public Relations	3.0
MGMT 423	Marketng Research Methods	3.0
MGMT 424	Marketing Communications Strategy	3.0

#### Strongly Recommended Courses

CMA 306	Business Writing in the Digital Age	3.0
MATH 201	Calculus I	4.0
PHIL 220	Professional Ethics	3.0

#### Students planning to pursue a graduate degree in business administration should take:

ECON 480	Econometrics	3.0
MATH 201	Calculus I	4.0
MATH 351	Probability and Statistics	4.0

## ECONOMICS MAJOR, B.A.

The faculty of economics is a community of teacher-scholars engaged in theoretical, empirical and historical approaches to the study of the global economy and the varieties of capitalism extant in the world today. The

faculty aims to create a collaborative teaching, learning and research environment emphasizing global awareness, environmental sensitivity and the synergies between theory and practice. Students majoring in economics are expected to acquire competencies in theory and empirical analyses, to adopt either an international or political concentration in their course work or to design their own major in consultation with two faculty members in economics. Individually designed majors are required to complete all core economics course requirements. Majors are required to participate in our lecture series and are strongly encouraged to spend either a semester, year or summer studying abroad. Majors are also encouraged to work with a faculty member in economics on at least one research project. A 3-credit internship in a major international city such as Washington, D.C., is recommended.

### REQUIREMENTS FOR THE MAJOR

The economics major requires a minimum of 36-39 credits in economics at the 200 level or above.

#### All majors must take the following core economics courses:

ECON 205	Princ of Macroeconomics	3.0
ECON 206	Princ of Microeconomics	3.0
ECON 305	Macroeconomic Analysis	3.0
ECON 306	Microeconomic Analysis	3.0
ECON 452	History of Economic Thought	3.0
ECON 470	Seminar	3.0

#### All majors must also take:

ECMG 212	Statistics for Economics & Management	3.0
MATH 201	Calculus I	4.0

An internship (ECON 399—3 credits) is recommended. All majors are strongly encouraged to participate in a study abroad semester, year or summer.

#### Specializations

All Economics majors specialize in either International Economics, Political Economy or design their own major with at least two faculty members in economics.

#### International Economics

Majors specializing in International Economics are required to take all of the courses required of all majors listed above plus:

ECON 324	International Trade	3.0
ECON 460	Intl Finance & Open Economy Macro	3.0
ECON 480	Econometrics	3.0

#### and 9 credits from the following:

ECON 302	Latin American Economies	3.0
ECON 304	International Political Economy	3.0
ECMG 303	Principles of Finance & Investment	3.0
ECON 310	Environmental Economics	3.0
ECON 316	Game Theory	3.0
ECON 317	Economics of Development	3.0
ECON 320	The Economics of Gender	3.0
ECON 326	Industrial Organization	3.0
ECON 328	Labor Economics	3.0
ECON 410	Public Economics	3.0
ECPS 414	Environmental Policy	3.0
ECMG 478	International Financial Management	3.0
PSCI 303	Public Policy Analysis	4.0

#### Political Economy

Majors specializing in Political Economy are required to take all of the courses required of all majors listed above plus:

ECON 318	Comparative Market Economies	3.0
ECON 326	Industrial Organization	3.0
ECON 410	Public Economics	3.0

#### and 9 credits from the following:

ECON 302	Latin American Economies	3.0
ECON 304	International Political Economy	3.0
ECON 310	Environmental Economics	3.0
ECON 316	Game Theory	3.0
ECON 317	Economics of Development	3.0
ECON 319	Transitional Economies	3.0
ECON 320	The Economics of Gender	3.0
ECON 324	International Trade	3.0
ECON 328	Labor Economics	3.0
ECPS 414	Environmental Policy	3.0
ECON 460	Intl Finance & Open Economy Macro	3.0
ECON 480	Econometrics	3.0
PSCI 303	Public Policy Analysis	4.0

#### Students planning to pursue a doctorate in economics should also take:

ECON 480	Econometrics	3.0
MATH 202	Calculus II	4.0
MATH 253	Multivariable Calculus	4.0
MATH 304	Differential Equations	4.0
MATH 339	Linear Algebra	4.0
MATH 351	Probability and Statistics	4.0
MATH 453	Introduction to Real Analysis	3.0

## INTEGRATED MARKETING COMMUNICATION, B.A.

**Directors:** Donna Bertazzoni and Jerrold Van Winter

Integrated Marketing Communication combines both management courses and communications courses in a way that students can understand the theory of organizations; the process of communicating information about a product, service or organization; the role of the marketing and public relations professional within an organization; and the central importance of the consumer in making decisions.

The major focuses on both the management function of public relations and marketing pro-fessionals, and the communication functions of developing a brand identity and marketing it across a variety of media to a target audience. With an increasingly diverse society, it is no longer enough to develop an advertising campaign that aims at the broadest possible audience. Strategic marketing communication that integrates the message of an organization and targets it across both traditional and emerging social media is the wave of the future.

### REQUIREMENTS FOR THE MAJOR

#### Requirements for the Major - 48 credits

CMA 201	News Writing	3.0
	or	
CMA 306	Business Writing in the Digital Age	3.0
CMA 226	Visual Media Production	3.0
CMA 305	Communications Law	3.0
CMA 310	Public Relations	3.0

CMA 312	Introduction to Communication Research or	3.0
MGMT 423	Marketng Research Methods	3.0
CMA 313	Writing for Public Relations	3.0
CAMG 330	Social Media	3.0
CAMG 399	Internship in Integrated Marketing Comm	3.0
CMA 411	Public Relations Campaigns	3.0
CMA 470	Seminar in Media Issues	3.0
MGMT 205	Prin of Mgmt Intro to Organizations	3.0
MGMT 281	Principles of Financial Accounting	3.0
MGMT 301	Organizational Theory and Behavior	3.0
MGMT 306	Principles of Marketing	3.0
MGMT 406	Consumer Behavior and Analysis	3.0
MGMT 424	Marketing Communications Strategy	3.0

**Recommended to complete Quantitative Literacy section of core:**

One of the following:

MATH 112	Applied Statistics	3.0
PSY 211	Elementary Statistics	4.0
ECMG 212	Statistics for Economics & Management	3.0

**Recommended electives:**

CMA 207	Principles of Speech Communication	3.0
CMA 246	Graphics	3.0
ECON 205	Princ of Macroeconomics	3.0

## EDUCATION DEPARTMENT

**Associate Professors:** John George, Christy Graybeal, Ellen G. Koitz, Judy Sherman (chair)

**Assistant Professors:** Jennifer Cuddapah, Francine Johnson, Amy Noggle, Tricia Strickland, Marisel Torres-Crespo

**Visiting Instructor:** Roger Stenersen

**Visiting Assistant Professor:** Kate Powell

**Clinical Instructors:** Casey Day-Kells, Debra Hanley, Debra Smith

**Coordinator of Educational Assessment:** Tanya Williams

**Professional Development School Director, ECE and Elementary/Special Education PDS Liaison:** Paula Gordon

**Title II Supplementary Information available at:**

<https://title2.ed.gov/default.asp>

The Department of Education offers undergraduate and post-baccalaureate teacher education programs in early childhood education, dual certification in elementary and special education and eight secondary education certification programs in the subject areas of art (preK-12), biology, chemistry, English, French, history, mathematics and Spanish. There is a concentration in Studio Art Teacher Certification Program (preK-12). Master of Science degrees are offered in Educational Leadership, Reading Specialization and in Curriculum and Instruction, with concentrations in elementary education, elementary school science and mathematics, secondary education and special education. All Hood College Education programs are approved by the Maryland State Department of Education and the The Council for the Accreditation of Educator Preparation (CAEP) using nationally recognized standards. Education faculty are active in national professional organizations and in local schools as supervisors of students, consultants and researchers.

Hood's full-time faculty is supplemented by adjunct faculty who are recognized as distinguished educators.

**Facilities:** Several facilities on campus serve as laboratories or curriculum materials centers for the teacher education program. The Onica Prall Child Development Laboratory School, founded in 1929, serves as a nursery school for 3- and 4-year-old children. Students observe and teach in the O.P.C.D.L. School. An elementary science and mathematics classroom and the instructional technology classroom are available to students. In addition, many courses are taught in the Tatem Art Building's "Smart Rooms," which are equipped with instructional technology. Area school districts work cooperatively with the education department in offering numerous field experiences to teacher education students through Professional Development School (PDS) partnerships. Education students are engaged in continuous and extensive field experiences in the PDS and the O.P.C.D.L. School beginning with their first education course and continuing through program completion.

**Programs Offered:**

- Curriculum and Instruction (M.S.) (p. 117)
- Educational Leadership (M.S.) (p. 120)
- Reading Specialization (M.S.) (p. 122)
- Graduate Certificate in Elementary Science-Technology-Engineering-Mathematics (STEM) Education (p. 130)
- Early Childhood Education Major (B.A.) (p. 73)
- Elementary/Special Education Major (B.A.) (p. 74)
- Secondary Education Certification (p. 74)
- Post-Baccalaureate Teacher Certification in Early Childhood Education, Elementary/Special Education, and Secondary Education

**Education Majors and Certification Programs**

Students may enter certification programs as undergraduates majoring in early childhood education (ECE) or elementary/special education (ELSP). Secondary and art education are not majors. Rather, students seeking secondary certification major in an academic field and concurrently complete the secondary program requirements leading to certification eligibility. Multidisciplinary breadth for all students is demonstrated through completion of additional general education courses beyond Hood's Core Curriculum.

Hood's Department of Education offers teacher certification programs for holders of a bacca-laureate degree. They may become certified to teach in early childhood education, elemen-tary/special education or secondary education in the subject areas of art (preK-12), biology, chemistry, English, French, history, mathematics and Spanish. Students who select this option must meet certification requirements through satisfactory completion of their program's required content and professional education courses. All teacher certification programs are approved by the Maryland State Department of Education and the The Council for the Accreditation of Educator Preparation (CAEP) and meet the Title II requirements of the Higher Education Act.

**Our Vision as a Department**

The education department envisions developing well-educated and well-prepared teachers and educational leaders who are self-actualized in both intellectual pursuits and pedagogical applications.

**Mission Statement**

The mission of the education department is to prepare academically competent and professional educators who are committed to facilitating learning in a culturally diverse society. This mission reflects a commitment to providing a technologically enhanced environment in which to nurture highly skilled educators who have a broad base in the liberal arts, are active learners and are reflective practitioners. Inherent in our mission is the awareness that education is a scholarly pursuit, a science, an art and a profession. In order to meet our vision and mission statements, the education department has framed six Institutional Outcomes (IOs) that all candidates must meet. These IOs are assessed at various points in the programs of study.

**Institutional (Department) Outcomes**

We believe that the education department at Hood College prepares educators who:

1. Demonstrate the subject matter content, pedagogical knowledge, teaching skills and professional dispositions necessary to ensure that all of their students and clients learn. (CONTENT KNOWLEDGE and SKILLS)
2. Use their knowledge of diversity to create learning environments that support the belief that all students can learn. (DIVERSITY)
3. Use assessment data to guide practices that support the belief that all students can learn. (ASSESSMENT)
4. Use technology to enhance learning. (TECHNOLOGY)
5. Communicate effectively with students, parents and colleagues in order to facilitate learning. (COMMUNICATION)
6. Reflect on their practice and are committed Mission Statement

The education department envisions developing well-educated and well-prepared teachers and educational I

**Certification**

Upon successful completion of one of the teacher education programs and attainment of the Maryland state minimum scores on all state-required Praxis I and II exams, students are eligible for certification to teach in Maryland with reciprocal certification to teach in nearly all other states. It is the student’s responsibility to contact individual states other than Maryland for information regarding certification requirements for specific programs. Teacher candidates should also be aware that local school systems may impose additional requirements beyond state certification.

As with most colleges and universities, there is an additional fee required for the teaching internship, formerly known as “student teaching.” Interns are responsible for their own transportation to and from field experiences. Variation from Hood’s holiday and vacation schedules may be required to accommodate local school district calendars.

**e-Portfolio**

All education programs require the candidates to use the Chalk and Wire e-Portfolio system to create a program e-Portfolio with specified performance assessments and activities. Candidates enrolling in EDUC 204 will begin to post their coursework electronically and will use the e-Portfolio for the remainder of their coursework in education. Transfer students will begin using the e-Portfolio system upon entering the education program at Hood.

**EARLY CHILDHOOD EDUCATION MAJOR, B.A.**

The early childhood education program is designed to prepare and certify teacher candidates to teach young children in preschool, kindergarten and grades 1-3. The Phase III teaching internship requires two placements, one in prekindergarten or kindergarten and one in a primary classroom. Beginning in the prerequisite phase, students have the unique opportunity to observe in the Onica Prall Child Development Laboratory School on campus, which offers preschool for children ages 3-4. The ECE program includes many field experiences and is based conceptually on the InTASC Standards and the NAEYC Standards.

The early childhood education major is divided into sequential steps consisting of Prerequisite, Phase I, Phase II and Phase III. The departmental unit assessment plan features a checkpoint at each step through which students must pass before advancing to the next phase.

The minimum requirement for a major in early childhood education is the successful completion of Phase II coursework and field experiences. Completion of the certification program is contingent upon completion of Phase III and upon meeting Maryland’s minimum passing score on the Praxis II tests specific to early childhood education.

**COURSE REQUIREMENTS FOR THE PROGRAM**

The ECE certification program requires students to demonstrate multidisciplinary breadth by completing:

- 9 credits in English
- 12 credits in science (at least one course in biological science and at least one course in physical science)
- 12 credits in mathematics (to include MATH 111, MATH 120, MATH 201 or MATH 207; MATH 106; MATH 107; and MATH 112 or PSY 211)
- 9 credits in social sciences to include U.S. History and Introduction to Psychology

Some Core Curriculum courses may satisfy the requirements for multidisciplinary breadth.

**Prerequisite Phase:**

EDUC 204	Foundations of Educ in a Diverse Society	3.0
EDUC 223	Child Development	3.0
EDUC 224	Processes & Acquisition of Reading	3.0
EDUC 236	Children & Youth with Exceptionalities	3.0

**Phase I:**

EDUC 302	Differentiating Instruction K-3 Classrm	3.0
EDUC 316	Reading Instruction	3.0
EDUC 320	Science Curr,Methods,Matrls,Assessment	3.0
EDUC 323	Infants & Toddlers:Foundations/Methods	4.0
EDUC 324	Theory & Practice in ECE	3.0
EDUC 330	Soc St Curr,Methods,Matrls,Assessment	3.0

**Phase II:**

EDUC 317	Materials for Teaching Reading	3.0
EDUC 321	Math Curr,Methods,Matrls,Assessment	4.0
EDUC 340	Assessment for Reading Instruction	3.0
EDUC 347	Classroom Organization & Management	3.0
EDUC 360	Intro to the Teaching Seminar/Internship	3.0

**Phase III:**

EDUC 459A	Tchg Internship Kindergarten	6.0
EDUC 459B	Tchg Internship Primary	6.0

EDUC 460 Professional Development Seminar 3.0

## **ELEMENTARY/SPECIAL EDUCATION MAJOR, B.A.**

The elementary/special education program is designed to prepare and certify teachers for dual certification in elementary and special education. The elementary/special education major strengthens the preparation of teacher candidates to instruct both special education and general education children who will be assigned to their classrooms. Successful completion of the elementary/special education program leads to Maryland initial teaching certification in elementary (grades 1-5) and special education (grades 1-8). Program completers are prepared to teach children with and without disabilities in regular and inclusion classrooms. The focus within special education is on teaching students with mild and moderate disabilities who have learning disabilities, intellectual disabilities, and/or emotional disturbance. The elementary/special education major includes many field experiences and is based conceptually on InTASC, CEC, and ACEI standards, as well as on the Maryland State Department of Education's "Redesign of Teacher Education." The yearlong internship during the final two semesters takes place in two settings: one in an elementary classroom and the other in a special education program.

The minimum requirement for a major in elementary/special education is the successful completion of Phase II coursework and field experiences. Completion of the certification program is contingent upon completion of Phase III and upon meeting Maryland's minimum passing score on the Praxis II tests specific to early childhood education.

### **COURSE REQUIREMENTS FOR THE PROGRAM**

The ELSP certification program requires students to demonstrate multidisciplinary breadth by completing:

- 9 credits in English
- 12 credits in science (at least one course in biological science and at least one course in physical science)
- 12 credits in mathematics (to include MATH 111, MATH 120, MATH 201 or MATH 207; MATH 106; MATH 107; and MATH 112 or PSY 211)
- 9 credits in social sciences to include U.S. History and Introduction to Psychology

Some Core Curriculum courses may satisfy the requirements for multidisciplinary breadth.

#### **Prerequisite Phase:**

EDUC 204	Foundations of Educ in a Diverse Society	3.0
EDUC 223	Child Development	3.0
EDUC 224	Processes & Acquisition of Reading	3.0
EDUC 236	Children & Youth with Exceptionalities	3.0

#### **Phase I:**

EDUC 316	Reading Instruction	3.0
EDUC 320	Science Curr,Methods,Matrls,Assessment	3.0
EDUC 330	Soc St Curr,Methods,Matrls,Assessment	3.0
EDUC 353	Special Education Methods:Elementary	3.0
EDUC 354	Special Education Methods:Middle School	3.0
EDUC 373	Assessment Diagnosis & Rx in SpEd	3.0

#### **Phase II:**

EDUC 317	Materials for Teaching Reading	3.0
EDUC 321	Math Curr,Methods,Matrls,Assessment	4.0

EDUC 340	Assessment for Reading Instruction	3.0
EDUC 347	Classroom Organization & Management	3.0
EDUC 360	Intro to the Teaching Seminar/Internship	3.0

#### **Phase III:**

EDUC 449A	Tchg Internship ELSP - Elementary	6.0
EDUC 449B	Tchg Internship ELSP - Middle School	6.0
EDUC 460	Professional Development Seminar	3.0

## **SECONDARY EDUCATION CERTIFICATION**

To obtain Maryland teaching certification at the secondary level, grades 7-12, undergraduate students major in one of the following academic fields: art (preK-12), biology, chemistry, English, French, history, mathematics or Spanish. Post Baccalaureate students must have or take the requisite content coursework for the desired certification area. Three phases comprise the teacher certification program in secondary education, each of which has specific course requirements and field experiences based on the content area (SPA) standards as well as the Interstate Teacher Assessment and Support Consortium (InTASC) Standards.

### **REQUIREMENTS FOR THE SECONDARY EDUCATION PROGRAM**

- Completion of a baccalaureate degree at Hood that includes Core requirements or completion of a liberal arts or science baccalaureate at another accredited institution.
- Completion of a major at Hood, or at another accredited institution, in one of the academic fields in which Hood offers secondary teacher certification. (Students from other institutions with related majors such as zoology, environmental science, journalism, etc., must present courses that are equivalent to all courses required for the Hood major in the discipline in which the student is pursuing teacher certification.) Additional content-area coursework may be required of post-baccalaureate candidates to ensure compliance with professional standards.
- Completion of additional general education requirement courses as specified by each department at Hood. (For example, biology majors must also take PHYS 101 or PHYS 203, and English majors must also take specified communication arts courses.)

#### **Prerequisite Phase:**

All candidates seeking secondary or art certification must have an introductory psychology course (PSY 101 or its equivalent). This can be taken prior to or concurrently with the education courses in the prerequisite portion of the secondary education program. Along with the EDUC 204 prerequisite course, secondary education students must complete one-half day per week of field experiences in a designated professional development school (PDS). Art candidates have an additional prerequisite, EDUC 223, Child Development, which requires one 50 minute lab school experience per week at the Onica Prall Child Development Center on the Hood Campus.

PSY 101	Introduction to Psychology	4.0
EDUC 204	Foundations of Educ in a Diverse Society	3.0
EDUC 223	Child Development	3.0
EDUC 308	Psychological Foundations of Education	4.0

Post-baccalaureate teacher certification candidates must pass Praxis I or MSDE accepted equivalent (e.g., SAT, ACT) as a prerequisite for admission into EDUC 204.

NOTE: Prior to enrolling in EDUC 204, the student must have a conference with the coordinator of secondary education.

**Phase I:**

EDUC 409	Secondary Reading in Content Area Pt 1	4.0
EDUC 412	Secondary Reading in Content Area Pt2	3.0
EDUC 413	Secondary Instruction	2.0
EDUC 445	Secondary Instructional Assessment	2.0

**Phase II:**

EDUC 400	Phase II Seminar on Classroom Mgmt	1.0
EDUC 411	Educational Methods in Discipline	3.0
EDUC 469	Inclusion & Instruction	3.0

**Phase III:**

EDUC 401	Phase III Seminar on Becoming a Teacher	4.0
EDUC 419	Teaching Internship	8.0

## ENGLISH AND COMMUNICATION ARTS DEPARTMENT

**Professors:** Donna Bertazzoni, Amy Gottfried (director of the Creative Writing concentration), Carol Kolmerten, Mark Sandona (chair), Aldan Weinberg (director of the Communication Arts program)

**Professor Emerita:** Courtney Carter

**Affiliated Professor:** David Hein

**Associate Professor:** Trevor Dodman

**Assistant Professors:** Elizabeth Atwood, Joe Brady, Elizabeth Knapp, Heather Mitchell-Buck, Katherine Orloff

**Instructors:** Vincent Kohl, Janie O'Neal

The Department of English offers majors in English and Communication Arts and five minors.

Secondary education certification is also available for the major in English.

**Programs Offered:**

- English Major (B.A.) (p. 76)
  - Literature Concentration (p. 76)
  - Creative Writing Concentration (p. 77)
  - Drama and Theatre Concentration (p. 77)
- Communication Arts Major (B.A.) (p. 75)
  - Digital Media Concentration (p. 75)
- Integrated Marketing Communication Major (B.A.) (p. 78)
- Journalism Minor (p. 53)
- Literature Minor (p. 53)
- Public Relations Minor (p. 56)
- Theatre and Drama Minor (p. 58)
- Writing Minor (p. 59)

## COMMUNICATION ARTS MAJOR, B.A.

The program in communication arts is offered by the Department of English and Communication Arts. The major is designed to prepare students for careers in converging media, including such applications as print news reporting and editing, magazine writing, broadcasting, digital media, public relations and online journalism. Communication arts offers a 42-credit major. Students interested in particular specialties, such

as journalism, public relations, film studies and digital media, are guided to choose history, theory and skills courses that address those fields.

Internships are integral to the program. Students have worked at public relations firms, non-profit agencies, web-based publications, newspapers, magazines, television and radio stations, museums and other locations.

## REQUIREMENTS FOR THE MAJOR

A minimum of 42 credits in communication arts at or above the 200 level (excluding independent study) is required.

**Required Courses**

CMA 200	Mass Media and Society	3.0
CMA 201	News Writing	3.0
CMA 207	Principles of Speech Communication	3.0
CMA 208	Editing & Layout	3.0
CMA 226	Visual Media Production	3.0
CMA 260	Feature Writing	3.0
CMA 304	Online Journalism	3.0
CMA 305	Communications Law	3.0
CMA 399	Internship in Communications	3.0 - 15.0
CMA 470	Seminar in Media Issues	3.0

**History/Theory Courses (choose at least one)**

CMA 204	Media History	3.0
CMA 209	Mass Media and Revolution	3.0
CMA 280	Screen Craft	3.0
CMA 310	Public Relations	3.0
CMA 312	Introduction to Communication Research	3.0
CMA 350	T.V. in America	3.0

**Skills Courses (choose at least three)**

CAIT 221	Applied Computer Graphics	3.0
CMA 246	Graphics	3.0
CMA 281	Introduction to Screenwriting	3.0
CMA 302	Visual Media Production II	3.0
CMA 303	Advanced Reporting	3.0
CMA 306	Business Writing in the Digital Age	3.0
CMA 313	Writing for Public Relations	3.0
CMA 320	Broadcast Writing and Reporting	3.0
CMA 336	Graphic Design II	3.0
CMA 337	Graphic Design III	3.0
CMA 402	Visual Media Production III	3.0
CMA 411	Public Relations Campaigns	3.0

**Electives**

CMA 242	Persuasion	3.0
CMA 299	Special Topics in Communication Art	1.0 - 3.0
CMA 375	Independent Study	1.0 - 3.0

## REQUIREMENTS FOR THE MAJOR WITH OPTIONAL DIGITAL MEDIA CONCENTRATION

**Required courses (27 credits):**

ARCA 322	Photojournalism	3.0
CMA 200	Mass Media and Society	3.0
CMA 201	News Writing	3.0
CMA 226	Visual Media Production	3.0

CMA 246	Graphics	3.0
CMA 304	Online Journalism	3.0
CMA 305	Communications Law	3.0
CMA 399	Internship in Communications	3.0 - 15.0
CMA 470	Seminar in Media Issues	3.0

**History and Theory (3 credits) Select one:**

CMA 204	Media History	3.0
CMA 209	Mass Media and Revolution	3.0
CMA 350	T.V. in America	3.0
ART 305	The Youngest Art:History of Photography	4.0

**Reporting and Writing (3 credits) Select one:**

CMA 260	Feature Writing	3.0
CMA 303	Advanced Reporting	3.0
CMA 320	Broadcast Writing and Reporting	3.0

**Specialty Area (6-10 credits) Select one area:****Graphics (6 credits):**

CMA 336	Graphic Design II	3.0
CMA 337	Graphic Design III	3.0

**Visual Media Production (6 credits):**

CMA 302	Visual Media Production II	3.0
CMA 402	Visual Media Production III	3.0

**Photography (8-10 credits):**

ARTS 101	Design	4.0
	or	
ARTS 102	Two-Dimensional Design	2.0
ARTS 211	Digital Photography	3.0
ARTS 311	Photography II	3.0

**ENGLISH MAJOR, B.A.**

The Department of English and Communication Arts offers a variety of courses designed to expose the student to a wide range of literary texts and critical approaches. In English classes, students read, analyze and write about literature from a number of historical periods. The faculty provides the personal attention that enables each student to learn to write well, to think critically and thus to acquire the skills necessary for success in any profession. We believe that such study enhances the love and appreciation of literature, exercises the imagination and frees the mind from credulity and conformity.

**REQUIREMENTS FOR THE MAJOR**

English majors must take a minimum of 32 credits in English at or above the 200 level, 16 credits of which must be 300 level or above (excluding independent study and internships).

Six credits in English, exclusive of independent study and internships, must be taken during the senior year. Transfer students must complete at least 12 credits in English at Hood. The senior seminar (ENGL 470) must be taken at Hood.

Students will choose one of three concentrations: Literature (p. 76), Creative Writing (p. 77) or Drama and Theatre (p. 77). In each concentration, the student must fulfill a requirement that involves historical breadth and at least one course focused on a literary genre; all concentrations culminate in the senior seminar (ENGL 470).

**ENGLISH MAJOR, B.A. WITH LITERATURE CONCENTRATION**

At least 28 of the 32 required credits must be in literature. See English Major, B.A. (p. 76) for general major requirements.

**REQUIREMENTS FOR THE MAJOR WITH CONCENTRATION****Historical Breadth (8 to 16 credits):**

Students must take either ENGL 222 or two courses in literature before 1800. The English department, through the advising process, will determine which courses fulfill the pre-1800 requirement. Noted as H1 after course description.

Students must take either ENGL 223 or two courses in literature after 1800. The English department, through the advising process, will determine which courses fulfill the post-1800 requirement. Noted as H2 after course description.

**Genre (4 credits):**

Students must take at least one course that focuses on a specific genre (ENGL 270-289 (p. 178); ENTH 229, ENTH 230)—fiction, drama or poetry.

Noted as G after course description.

**Comparative Topic (4 credits):**

Students must take at least one course that offers a comparative perspective on literature—across cultures, artistic modes, media, etc. The English department, through the advising process, will determine which courses fulfill the comparative topic requirement.

Noted as CT after course description.

**Writers of Significance (4 credits):**

Students must take at least one course from the following:

ENGL 340-359	Writers of Significance	4.0
ENGL 313	Shakespeare	4.0
ENGL 318	Chaucer	4.0
ENGL 441	Faulkner and Morrison	4.0
	or	
HON 308	Dante and Giotto	4.0

Noted as WS after course description.

**Senior Seminar (4 credits):**

Students must take the Senior Seminar, a capstone course in literary theory and criticism

ENGL 470	Seminar	4.0
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**ENGLISH SECONDARY EDUCATION CERTIFICATION**

English majors may obtain certification to teach English at the secondary level in Maryland, with reciprocity for teaching in certain other states. Students may obtain certification by completing all requirements for the English major along with specific requirements for certification, indicated after the literature concentration. Students seeking Secondary Education Certification with Creative Writing or Drama and Theatre concentrations should consult with the director of Secondary Education Certification (p. 74).

## REQUIREMENTS FOR THE CERTIFICATION WITH LITERATURE CONCENTRATION

Courses required of all secondary education certification students are:

ENGL 202	TpcWrt Intermed Expository Writ	4.0
	3-4 credits in effective communication	3.0 - 4.0
ENGL 313	Shakespeare	4.0
ENGL 405	The English Language	4.0
ENGL 410	Literature for Adolescents	4.0
AFEN 265	African American Voices pre 20thC	4.0
AFEN 266	Theme 20thC AfAm Literature	4.0
ENGL 280	Genre: 20th Century Ethnic Narratives	4.0
ENGL 346	Wrt of Significance:Erdrich,Silko,Alexie	4.0
ENHN 463	International Currents in Modern Fiction	4.0

### 3-4 credits in effective communication:

CMA 207	Principles of Speech Communication	3.0
THEA 101	The Elements of Acting	4.0
THEA 102	Improvisation	4.0

### 3-4 credits of a literature or diversity course from among the following:

(or equivalent approved for content by the Chair of the English and Communication Arts Department and the secondary education program coordinator)

AFEN 265	African American Voices pre 20thC	4.0
AFEN 266	Theme 20thC AfAm Literature	4.0
ENGL 280	Genre: 20th Century Ethnic Narratives	4.0
ENGL 346	Wrt of Significance:Erdrich,Silko,Alexie	4.0
ENHN 463	International Currents in Modern Fiction	4.0

## ENGLISH MAJOR, B.A. WITH CREATIVE WRITING CONCENTRATION

A minimum of 36 credits is required.

### REQUIREMENTS FOR THE MAJOR WITH CONCENTRATION

#### Historical Breadth (8 to 16 credits):

Students must take either ENGL 222 or two courses in literature before 1800. The English and Communication Arts Department, through the advising process, will determine which courses fulfill the pre-1800 requirement. Noted as H1 after course description.

Students must take either ENGL 223 or two courses in literature after 1800. The English and Communication Arts Department, through the advising process, will determine which courses fulfill the post-1800 requirement. Noted as H2 after course description.

#### Genre (8 credits):

Students must take two courses in two different genres from courses numbered:

ENGL 270-289	Genre Studies	4.0
ENTH 229	History of Drama Theatre I	4.0
ENTH 230	History of Drama and Theatre II	4.0

Noted as G after course description.

#### Creative Writing (11-12 credits):

Students must take:

ENGL 219	Creative Writing	4.0
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#### and two of the following courses:

CMA 281	Introduction to Screenwriting	3.0
ENGL 319	Creative Nonfiction	4.0
ENGL 420	Advanced Fiction Writing	4.0
ENGL 421	Advanced Poetry Writing	4.0
ENTH 303	Elements of Playwriting	4.0

#### Writers of Significance (4 credits):

Students must take at least one course from the following:

ENGL 340-359	Writers of Significance	4.0
ENGL 313	Shakespeare	4.0
ENGL 318	Chaucer	4.0
ENGL 441	Faulkner and Morrison	4.0
HON 308	Dante and Giotto	4.0

Noted as WS after course description.

#### Senior Seminar (4 credits):

Students must take the Senior Seminar, a capstone course in literary theory and criticism

ENGL 470	Seminar	4.0
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## ENGLISH MAJOR, B.A. WITH DRAMA AND THEATRE CONCENTRATION

A minimum of 36 credits is required.

### REQUIREMENTS FOR THE MAJOR WITH CONCENTRATION

#### Historical Breadth (8 to 16 credits):

Students must take either ENGL 222 or two courses in literature before 1800. The English and Communication Arts Department, through the advising process, will determine which courses fulfill the pre-1800 requirement. Noted as H1 after course description.

Students must take either ENGL 223 or two courses in literature after 1800. The English and Communication Arts Department, through the advising process, will determine which courses fulfill the post-1800 requirement. Noted as H2 after course description.

#### Genre (12 credits):

Students must take:

ENTH 229	History of Drama Theatre I	4.0
ENTH 230	History of Drama and Theatre II	4.0
ENGL 313	Shakespeare	4.0

#### Theatre Practice (12 credits):

Students must take:

THEA 101	The Elements of Acting	4.0
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#### and two of the following courses in theatre practice:

THEA 102	Improvisation	4.0
THEA 210	Acting II	4.0
THEA 254	Directing	4.0
THEA 255	Auditioning	4.0
THEA 370	Theater Practicum	1.0

#### Senior Seminar (4 credits):

Students must take the Senior Seminar, a capstone course in literary theory and criticism:

ENGL 470 Seminar 4.0

## INTEGRATED MARKETING COMMUNICATION, B.A.

**Directors:** Donna Bertazzoni and Jerrold Van Winter

Integrated Marketing Communication combines both management courses and communications courses in a way that students can understand the theory of organizations; the process of communicating information about a product, service or organization; the role of the marketing and public relations professional within an organization; and the central importance of the consumer in making decisions.

The major focuses on both the management function of public relations and marketing professionals, and the communication functions of developing a brand identity and marketing it across a variety of media to a target audience. With an increasingly diverse society, it is no longer enough to develop an advertising campaign that aims at the broadest possible audience. Strategic marketing communication that integrates the message of an organization and targets it across both traditional and emerging social media is the wave of the future.

### REQUIREMENTS FOR THE MAJOR

#### Requirements for the Major - 48 credits

CMA 201	News Writing or	3.0
CMA 306	Business Writing in the Digital Age	3.0
CMA 226	Visual Media Production	3.0
CMA 305	Communications Law	3.0
CMA 310	Public Relations	3.0
CMA 312	Introduction to Communication Research or	3.0
MGMT 423	Marketing Research Methods	3.0
CMA 313	Writing for Public Relations	3.0
CAMG 330	Social Media	3.0
CAMG 399	Internship in Integrated Marketing Comm	3.0
CMA 411	Public Relations Campaigns	3.0
CMA 470	Seminar in Media Issues	3.0
MGMT 205	Prin of Mgmt Intro to Organizations	3.0
MGMT 281	Principles of Financial Accounting	3.0
MGMT 301	Organizational Theory and Behavior	3.0
MGMT 306	Principles of Marketing	3.0
MGMT 406	Consumer Behavior and Analysis	3.0
MGMT 424	Marketing Communications Strategy	3.0

#### Recommended to complete Quantitative Literacy section of core:

One of the following:

MATH 112	Applied Statistics	3.0
PSY 211	Elementary Statistics	4.0
ECMG 212	Statistics for Economics & Management	3.0

#### Recommended electives:

CMA 207	Principles of Speech Communication	3.0
CMA 246	Graphics	3.0
ECON 205	Princ of Macroeconomics	3.0

## FOREIGN LANGUAGES AND LITERATURES DEPARTMENT

**Professors:** Lisa Algazi Marcus (chair), Roser Caminals-Heath, Didier Course, Scott Pincikowski, Maria Griselda Zuffi

**Associate Professor:** Donald Wright

The Department of Foreign Languages and Literatures offers French, Spanish, French-German, German, Latin American Studies and Middle Eastern Studies majors. The department also offers minors in French, German, French-German, Spanish and Middle Eastern Studies.

Unless a student plans to teach or continue with graduate studies, the department encourages double majors in languages and another discipline.

Department offerings include, in addition to traditional language and literature courses, introduction to translation and interpretation, cross-cultural courses, language skills for the world of work and internships. Chapters of national honor societies for French and Spanish students have been established on campus.

**Language Residences:** As part of its educational program, the department operates three small residences—a French, a Spanish and a German house, each under the leadership of a resident director who is an assistant in the department and a native speaker of the language. While in residence, the students are expected to speak French, Spanish or German exclusively.

**Study Abroad:** The department requires students to spend a semester studying abroad through Hood's affiliation with programs in Seville, Spain; the Dominican Republic; Peru; Argentina; Chile; Munich and Heidelberg, Germany; and Toulouse and Paris, France. Language majors who do not go abroad at least one semester will spend two years in a language house on campus.

#### Programs Offered:

- French Major (B.A.) (p. 78)
- French-German Major (B.A.) (p. 79)
- German Major (B.A.) (p. 79)
- Latin American Studies Major (B.A.) (p. 80)
- Middle Eastern Studies Major (B.A.) (p. 80)
- Spanish Major (B.A.) (p. 81)
- French Minor (p. 51)
- French-German Minor (p. 51)
- German Minor (p. 51)
- Middle Eastern Studies Minor (p. 54)
- Spanish Minor (p. 57)

## FRENCH MAJOR, B.A.

The Department of Foreign Languages and Literatures offers a major in French that, in addition to providing understanding of the French language and culture, gives a new perspective on the English language and American culture. The major also prepares students for graduate studies or for careers in teaching, government, business, industry and international organizations.

French majors must spend a semester or a year in France or live for two years in the French House, a small residence on campus where only French is spoken. The residence is under the leadership of a young French student.

Internships are available for qualified French majors. In the United States, internship sites have included the French Embassy (Office of the Cultural Attaché), the Alliance Française in Washington, D.C., French TV Antenne 2, Linguamundi International, the CIEE Student Center in New York City and the U.S. Information Agency.

**Placement Examinations**

Online advanced placement in French, German or Spanish is available to incoming first-year students. Before registration, first-year students should arrange to take the department’s placement examination. Those who place in the 103 section of their intended language will receive 3 additional credits; those who place in 203, 204 or a civilization course of their intended language will receive 6 additional credits; and those who place in 207, 208, 240 or in a 300-level course will receive 9 additional credits. In all cases, students will receive the extra credits only if they enroll in one of these courses within the first semester at Hood and complete it with a grade of “C” or better. Students who have completed college-level language courses are ineligible to earn additional credits for these courses.

**Recommended Schedule**

It is recommended that students intending to major in a language take the following courses in their intended language no later than their sophomore year: 203, 204, 207 and 208. To prepare for graduate school and certain careers, a second foreign language is recommended, but students may not study two languages at the beginning level simultaneously.

**REQUIREMENTS FOR THE MAJOR**

French majors are required to take 31 credits in French at the 200 level or above, 15 credits of which must be 300 level or above. (Students who transfer to Hood in their junior year intending to major in French must be qualified to enroll in courses at the 200 level or above.)

**The following courses are required:**

FREN 203	French Conversation & Composition	4.0
FREN 204	French Culture and Civilization	3.0
FREN 207	Cultural Perspectives on Fren Lit I	3.0
FREN 208	Introduction to French LiteratureII	3.0
FREN 230	Phonetics and Diction	3.0
FREN 318	Advanced Composition & Translation	3.0
	12 additional credits in French at the 300 level or above to include 9 credits of French or Francophone literature	12.0

**FRENCH SECONDARY EDUCATION CERTIFICATION**

French majors also may wish to obtain certification to teach French at the secondary level. Students who complete this secondary education program receive certification to teach in Maryland upon graduation, along with reciprocity for teaching in certain other states.

Students must complete the requirements for the French major.

In addition, they must meet the Secondary Education Requirements (p. 74) specified by the Education Department.

**FRENCH-GERMAN MAJOR, B.A.**

The Department of Foreign Languages and Literatures offers a combined French-German major that, in addition to providing understanding of the French and German languages and cultures, gives a new perspective

on the English language and American culture. The major also prepares students for graduate studies or for careers in teaching, government, business, industry and international organizations.

French-German majors must spend one semester of their junior year (one year is highly recommended) in France, or live for two years in the French or German House, small residences on campus where only French and German are spoken respectively. The residences are under the leadership of a young French and German student, respectively.

Internships are available for qualified French-German majors in government agencies, international organizations and corporations, as well as in various institutions in the United States.

**REQUIREMENTS FOR THE MAJOR**

French-German majors are required to take 35 credits combined in French and German at the 200 level or above. (Students who transfer to Hood in their junior year intending to major in French-German must be qualified to enroll in courses at the 200 level or above in both languages.)

**The following courses are required:**

FREN 203	French Conversation & Composition	4.0
GER 203	German Conversation & Composition	4.0
FREN 204	French Culture and Civilization	3.0
GER 204	German Culture and Civilization	3.0
FREN 207	Cultural Perspectives on Fren Lit I or	3.0
FREN 208	Introduction to French LiteratureII and	3.0
GER 207	Cultural Perspectives on Ger Lit I or	3.0
GER 208	Introduction to German LiteratureII	3.0
	12 credits in 300-level courses or above	12.0

300 level courses: (6 in French and 6 in German; at least 6 in literature).

A 3-credit independent project in French-German studies with a final presentation at Hood is required. The project will be supervised by both a French and a German professor and will be written in either French or German.

We recommend that students consider combining this major with a major or a minor in economics, history or political science.

**GERMAN MAJOR, B.A.**

The Department of Foreign Languages and Literatures offers a major in German that, in addition to providing understanding of the German language and culture, gives a new perspective on the English language and American culture. The major also prepares students for graduate studies or for careers in teaching, government, business, industry and international organizations.

German majors must spend a semester or a year in a German-speaking country or live for two years in the German House, a small residence on campus where only German is spoken. The residence is under the leadership of a young German, Swiss or Austrian student.

Internships are available for qualified German majors in government agencies and international organizations and corporations. In the United States, potential internship sites include the German, Swiss and Austrian embassies, the Goethe Institute and German Historical Institute in Washington, D.C.

### Placement Examinations

Online advanced placement in French, German or Spanish is available to incoming first-year students. Before registration, first-year students should arrange to take the department's placement examination. Those who place in the 103 section of their intended language will receive 3 additional credits; those who place in 203, 204 or a civilization course of their intended language will receive 6 additional credits; and those who place in 207, 208, 240 or in a 300-level course will receive 9 additional credits. In all cases, students will receive the extra credits only if they enroll in one of these courses within the first semester at Hood and complete it with a grade of "C" or better. Students who have completed college-level language courses are ineligible to earn additional credits for these courses.

### REQUIREMENTS FOR THE MAJOR

German majors are required to take 31 credits in German at the 200 level or above, 15 credits of which must be 300 level or above. (Students who transfer to Hood in their junior year intending to major in German must be qualified to enroll in courses at the 200 level or above.)

#### The following courses are required:

GER 203	German Conversation & Composition	4.0
GER 204	German Culture and Civilization	3.0
GER 207	Cultural Perspectives on Ger Lit I	3.0
GER 208	Introduction to German LiteratureII	3.0
GER 230	History of German Language	3.0
GER 314	Advanced Composition	3.0
	12 additional credits in German literature at the 300-level or above	12.0

## LATIN AMERICAN STUDIES MAJOR, B.A.

**Director:** Maria Griselda Zuffi

The Latin American studies major is a multidisciplinary program that has a long tradition in universities throughout the U.S. Students who are interested in democracy and culture, human rights, international affairs, literature and languages, and wish to explore from different perspectives the diverse regions of Latin America and the Caribbean should consider this academic program. Students will be prepared to work at international, governmental and private organizations dealing with the region or to continue graduate studies in the field.

Given the proximity to the Washington, D.C., area, many students have internships at various associations, centers and organizations dedicated to the region. Students who are interested in issues involving the U.S. Latino communities may consider working in outreach programs in Maryland or Washington, D.C. The Latin American studies program sponsors many events and invites writers, activists, policy makers and film critics to enhance the knowledge and experience of the students in the program. A number of summer grants are available for students who intend to undertake research projects in a Latin American country.

The major consists of a minimum of 33 credits, 15 credits of which must be at the 300 level or above. The required courses provide a strong background in literature and culture from the colonial era to the present. For these foundational courses, competency in Spanish is necessary. Students may consider taking courses in English while taking intermediate language courses if they do not meet the competency level required (at or above the 200 level). Students are required to study abroad at least one semester at a Latin American university. Through Hood's educational exchange programs, students have the opportunity to study

in Chile, the Dominican Republic and Peru. Students should plan their studies with the program director before going abroad.

### REQUIREMENTS FOR THE MAJOR

**15 credits in Latin American literature and culture at or above the 200 level from the following:**

LSSP 215	Hispanic & Latino Film	3.0
LSSP 220	Latin America Today	3.0
LSSP 240	Latin American Lit Popular Culture	3.0
LSSP 333	Latin American Poetry	3.0
LSSP 336	Latin American Fiction	3.0

**Minimum of 9 credits from the following courses in at least two disciplines:**

This may also be fulfilled in the semester or year of study abroad.

ECON 317	Economics of Development	3.0
ENGL 280	Genre: 20th Century Ethnic Narratives	4.0
FL 350	International Themes Western Lit	3.0
GLBS 300	Challenges/Opportunities of Globalizatn	3.0
HSPS 345	Global Persp/Women, Power & Politics	4.0
LWPS 230	Introduction to Law	3.0
PSCI 200	Political Violence & Terrorism	4.0
PSCI 323	Politics of the Developing World	3.0
SOC 300	Social Inequality	4.0
SOC 311	Sociology of Gender	4.0
WMST 200	Method Women Studies	3.0

**Minimum of 9 credits taken from the following list of courses with 80 percent content on Latin America:**

This may also be fulfilled in the semester or year of study abroad.

FLLS 250	Testimonial Narratives in the Americas	3.0
HNLS 302	Third World Development: Latin America	3.0
HSLs 330	Cultural Encounters in LatAm Hist	4.0
LSSP 470	Seminar	3.0

## MIDDLE EASTERN STUDIES MAJOR, B.A.

**Director:** Donald Wright

The Middle Eastern Studies major is a multidisciplinary program that is unique in nature for a liberal arts college. It focuses on history, cultural, language and political thought. Students interested in democracy and culture, human rights, international affairs, literature and languages, and wish to explore from different perspectives the diverse region of the Middle East, should consider this academic program. The primary focus of the program is to prepare students, through their contacts with faculty members from various disciplines, to lead the world of tomorrow through the political and cultural tensions of today. Students who choose to study the Middle East will graduate with a well-rounded and excellent knowledge of all aspects of the region. The study of Arabic is essential to the field; students will finish with a good knowledge of the language to be able to pursue further study at The American University in Cairo.

Given the proximity to the Washington, D.C., area, many students have internships at various associations, centers and organizations dedicated to the region. Students who are interested in issues involving the Middle East may consider working in outreach programs in Maryland or Washington, D.C. The Middle Eastern studies program sponsors many events and invites writers, activists, policy makers and film critics to enhance the knowledge and experience of the students in the program. A number of grants are available for students who intend to undertake

research projects in the Middle East. Students have the opportunity to study one year or one semester at The American University in Cairo, the foremost institution in the Middle East for Arabic and Middle Eastern Studies. Students will be prepared to work at international, governmental and private organizations dealing with the region or to continue graduate studies in the field.

### REQUIREMENTS FOR THE MAJOR

**All majors must take the following courses:**

ARAB 101	Elementary Arabic I	4.0
ARAB 102	Elementary Arabic II	4.0
ARAB 103	Intermediate Arabic I	3.0
ARAB 104	Intermediate Arabic II	3.0
MEST 300	Cultures of the Middle East	4.0
REL 304	Islam	3.0

**In addition, students take a minimum of 12 credits from the following, at least 9 of which must be at the 300- level:**

(Some may be fulfilled during a semester or a year of study abroad.)

ANTH 302	Cultural Anthropology	4.0
ARAB 203	Arabic Conversation & Composition	4.0
ARHN 319	Orientalism & Egyptomania	3.0
ARRL 330	Archeology of Ancient Israel	4.0
ART 349	Art of Egypt and Mesopotamia	4.0
HIST 309	Islam & the Crusades	4.0
HIST 316	The Middle East in Modern Times	4.0
PSCI 200	Political Violence & Terrorism	4.0
PSCI 210	Comparative Politics	3.0
PSCI 215	International Relations	4.0
PSCI 302	9/11 in Global Perspective	3.0
PSCI 305	U.S. Foreign Policy	3.0
PSCI 323	Politics of the Developing World	3.0
REL 303	Judaism	3.0
SOC 318	Global Social Problems	4.0

### SPANISH MAJOR, B.A.

The Department of Foreign Languages and Literatures offers a major in Spanish that, in addition to providing a deep understanding of the Spanish language and culture, gives a new perspective on the English language and American culture. The major also prepares students for graduate studies or for careers in teaching, government, business, industry and international organizations.

Spanish majors must spend a semester in a Spanish-speaking country or live for two years in the Spanish House. This residence is under the leadership of two young Spanish or Latin American students.

Internships are available for qualified Spanish majors. Recent internship sites have included the Organization of American States, the Mexican Embassy, the National Association of Cuban American Women, The Maryland Governor's Commission on Hispanic Affairs, AYUDA and ASPIRA in the nearby Washington, D.C., area and the Servicios Industriales Peñoles in Mexico.

#### Placement Examinations

Online advanced placement in Spanish is available to incoming first-year students. Before registration, first-year students should arrange to take the department's placement examination. Those who place in the 103 section of their intended language will receive 3 additional credits; those who place in 203 or a civilization course of their intended language will

receive 6 additional credits; and those who place in 207, 208 or in a 300-level course will receive 9 additional credits. In all cases, students will receive the extra credits only if they enroll in one of these courses within the first semester at Hood and complete it with a grade of "C" or better. Students who have completed college-level language courses are ineligible to earn additional credits for these courses.

#### Recommended Schedule

It is recommended that students intending to major in a language take the following courses in their intended language no later than their sophomore year: 203, 204, 207 and 208. To prepare for graduate school and certain careers, a second foreign language is recommended, but students may not study two languages at the beginning level simultaneously.

### REQUIREMENTS FOR THE MAJOR

Spanish majors are required to take 31 credits in Spanish at the 200 level or above, 15 credits of which must be at the 300 level or above. (Students who transfer to Hood in their junior year intending to major in Spanish must be qualified to enroll in courses at the 200 level or above.)

**Majors must take the following Spanish courses:**

SPAN 203	Spanish Conversation & Composition	4.0
SPAN 204	Spanish Culture and Civilization	3.0
SPAN 207	Cultural Perspectives on Spanish Lit I	3.0
SPAN 208	Cultural Perspectives on Spanish Lit II	3.0
SPAN 230	Phonetics and Diction	3.0
SPAN 315	Advanced Composition	3.0
	12 additional credits in Spanish or Latin American literature at the 300 level or above	12.0

### SPANISH SECONDARY EDUCATION CERTIFICATION

Spanish majors also may wish to obtain certification to teach Spanish at the secondary level. Students who complete the secondary education program receive certification to teach in Maryland upon graduation, along with reciprocity for teaching in certain other states.

Students must complete the requirements for the Spanish major.

In addition, they must meet the requirements specified under *Education, Secondary Education Certification* (p. 74).

### HISTORY DEPARTMENT

**Professors:** Emilie Amt (chair), Purnima Bhatt, Leonard Latkovski

**Assistant Professor:** Jay Driskell

**Instructor:** Maryanne Farrell

The Department of History offers a bachelor of arts degree in history. History majors may earn secondary education certification.

#### Programs Offered:

- History Major (B.A.) (p. 81)
- Public History Concentration (p. 82)
- History Minor (p. 53)

### HISTORY MAJOR, B.A.

The major in history addresses the diverse needs and interests of Hood College students by offering a choice of three different programs of study: 1) the major in history, 2) the major in history with public history

concentration and 3) the major in history with secondary education certification. The department also offers a minor in history. In addition, students majoring in history may tailor their program to include an internship or study abroad, or to prepare for law school or graduate school. Each student should consult with a member of the history faculty to discuss how to further her or his educational needs and career goals.

The major in history requires a minimum of 30 credits in history, at least 15 credits of which must be at the 300 level or above, including HIST 341 Cultural Resources and Events, HIST 373 Research and Writing in History, and a 400-level capstone seminar. HIST 373 must be taken before the capstone seminar.

When selecting their 200-level introductory courses, students should choose the courses that are prerequisites for the upper-level courses they are interested in taking later.

This major is also available with a concentration in Public History. See *History Major, B.A. with Optional Public History Concentration* (p. 82).

### REQUIREMENTS FOR THE MAJOR:

#### One introductory World History course (4 credits)

HIST 262	Africa, Asia & Europe to 1500	4.0
HIST 263	Africa, Asia & Europe since 1500	4.0

#### One introductory American History course (4 credits)

HIST 217	History of the United States to 1865	4.0
HIST 218	History of United States since 1865	4.0
AFHS 257	African American History	4.0

#### One upper-level American History course (4 credits)

HIST 318	American Revolution/Early Republic	4.0
HIST 319	Civil War and Reconstruction	4.0
HIST 338	Gilded Age & Progressive Era-1877-1929	4.0
HIST 339	New Deal America, 1929-2000	4.0
HIST 353	US Foreign Relations since World War II	4.0
HIST 371B	Topics in American History	4.0
HIST 410	History of Women in the United States	4.0
AFHS 424	Race and Racism in the United States	4.0
HIST 437	U.S.Labor Hist-Gilded Age to 21st Cent	4.0

#### One upper-level Pre-Modern or Non-Western History (4 credits)

##### Pre-Modern courses:

HIST 300	From Celts to Vikings 400-1000	4.0
HIST 309	Islam & the Crusades	4.0
HIST 313	Medieval England	4.0
HIST 365	The Ancient Near East and Greece	4.0
HIST 366	Ancient Rome	4.0
HIST 367	Medieval Europe	4.0
HIST 371A	Topics in Early History	4.0
HIST 406	Religion,Family & Soc:Reformation Europe	4.0
HIST 412	Women in Medieval Europe	4.0

##### Non-Western courses:

HIST 316	The Middle East in Modern Times	4.0
HSL 330	Cultural Encounters in LatAm Hist	4.0
HIST 336	The World since 1945	4.0
HIST 340	Modern China & Japan	4.0
HIST 343	Modern Russia	4.0
HSPS 345	Global Persp/Women, Power & Politics	4.0
HIST 371D	Topics in World History	4.0

#### Two history electives (6-8 credits)

(A limit of four credits of history internship or independent study may be applied to meeting this requirement.)

#### Required upper-level courses (5 credits)

HIST 341	Cultural Resources and Events	1.0
HIST 373	Research and Writing in History	4.0

#### One capstone seminar course (4 credits)

(A 400-level course taken to meet one of the requirements above may not be counted as the capstone course.)

AFHS 424	Race and Racism in the United States	4.0
HIST 406	Religion,Family & Soc:Reformation Europe	4.0
HIST 410	History of Women in the United States	4.0
HIST 412	Women in Medieval Europe	4.0
HIST 437	U.S.Labor Hist-Gilded Age to 21st Cent	4.0
HIST 470	Seminar: Topics in History	4.0
HIST 499	Departmental Honors	3.0

## HISTORY MAJOR, B.A. WITH OPTIONAL PUBLIC HISTORY CONCENTRATION

### REQUIREMENTS FOR THE MAJOR WITH CONCENTRATION

The public history concentration prepares students for careers in museum work, state and national parks, historic sites, historical societies, public and private archives, historic preservation and government agencies that employ historians; or for graduate study in the field of public history. It combines a strong foundation in American history with specialized coursework and practice in public history.

Students must fulfill the following requirements for the concentration, along with the regular requirements for the history major. (Note: Some of the specific concentration requirements will also fulfill more general history major requirements.) The concentration requires 25 credits.

#### Required courses (12 credits):

HIST 208	Introduction to Public History	4.0
HIST 373	Research and Writing in History	4.0
HIST 399	Internship in History	3.0 - 15.0
HIST 399C	Internship Colloquium	1.0

#### At least two of the following courses (7-8 credits):

ART 215	Intro to Museum Studies	4.0
HIST 371E	Topics in Public History	4.0
HNPS 356	Jamestown: Commemoration/Interpretation	3.0

HIST 371E: (may be taken more than once)

#### At least one of the following (4 credits):

HIST 217	History of the United States to 1865	4.0
HIST 218	History of United States since 1865	4.0
AFHS 257	African American History	4.0

#### At least one of the following (4 credits):

AFHS 424	Race and Racism in the United States	4.0
HIST 318	American Revolution/Early Republic	4.0
HIST 319	Civil War and Reconstruction	4.0
HIST 338	Gilded Age & Progressive Era-1877-1929	4.0
HIST 339	New Deal America, 1929-2000	4.0
HIST 371B	Topics in American History	4.0
HIST 410	History of Women in the United States	4.0

HIST 437	U.S.Labor Hist-Gilded Age to 21st Cent	4.0
HIST 371B (if approved by the Department)		

**Recommended courses:**

INST 312	Archaeology:Cultures,Tech,Meth,Theories	4.0
MGMT 315	Managing Nonprofit Organizations	3.0

**PREPARATION FOR GRADUATE SCHOOL AND PROFESSIONAL STUDIES**

Students who plan to attend graduate school in history should work closely with a departmental adviser both to develop the credentials necessary for admission to a graduate program and to gain expertise in a specific area of historical interest. The department advises that students aiming for graduate study complete a minimum of 36 credits in history at the 200 level or above; choose an informal concentration within the major; take four courses in cognate fields of study (archaeology, art history, English, economics, political science, philosophy, religion and sociology, among others); and become proficient in at least one foreign language.

History is also an excellent preparation for law school and other professional programs. Students interested in such a career path should consult the appropriate pre-professional adviser. Students preparing for law school are advised to take courses in American and British history, with additional coursework in English, economics and philosophy.

**HISTORY SECONDARY EDUCATION CERTIFICATION**

History majors also may wish to obtain certification to teach history at the secondary level. Students who complete this secondary education program receive certification to teach in Maryland upon graduation, along with reciprocity for teaching in certain other states. Students must complete requirements specified by the Education Department Secondary Education Certification (p. 74) and meet the following history and social science requirements.

**REQUIREMENTS FOR CERTIFICATION****Required Courses:**

ECON 205	Princ of Macroeconomics	3.0
GEOG 101	Cultural Geography	3.0
HIST 217	History of the United States to 1865	4.0
HIST 218	History of United States since 1865	4.0
HIST 262	Africa, Asia & Europe to 1500	4.0
HIST 263	Africa, Asia & Europe since 1500	4.0
HIST 341	Cultural Resources and Events	1.0
HIST 373	Research and Writing in History	4.0
PSCI 203	Introduction to U.S. Politics	4.0
PSY 101	Introduction to Psychology	4.0

**One upper-level American History course**

HIST 318	American Revolution/Early Republic	4.0
HIST 319	Civil War and Reconstruction	4.0
HIST 338	Gilded Age & Progressive Era-1877-1929	4.0
HIST 339	New Deal America, 1929-2000	4.0
HIST 353	US Foreign Relations since World War II	4.0
HIST 371B	Topics in American History	4.0
HIST 410	History of Women in the United States	4.0
HIST 437	U.S.Labor Hist-Gilded Age to 21st Cent	4.0
AFHS 424	Race and Racism in the United States	4.0

**One upper-level Pre-Modern or Non-Western History course****Non-Western courses:**

HIST 316	The Middle East in Modern Times	4.0
HSL 330	Cultural Encounters in LatAm Hist	4.0
HIST 336	The World since 1945	4.0
HIST 340	Modern China & Japan	4.0
HIST 343	Modern Russia	4.0
HSPS 345	Global Persp/Women, Power & Politics	4.0
HIST 371D	Topics in World History	4.0

**Pre-Modern courses:**

HIST 300	From Celts to Vikings 400-1000	4.0
HIST 309	Islam & the Crusades	4.0
HIST 313	Medieval England	4.0
HIST 365	The Ancient Near East and Greece	4.0
HIST 366	Ancient Rome	4.0
HIST 367	Medieval Europe	4.0
HIST 371A	Topics in Early History	4.0
HIST 406	Religion,Family & Soc:Reformation Europe	4.0
HIST 412	Women in Medieval Europe	4.0

**One capstone seminar course**

HIST 470	Seminar: Topics in History	4.0
HIST 406	Religion,Family & Soc:Reformation Europe	4.0
HIST 410	History of Women in the United States	4.0
HIST 412	Women in Medieval Europe	4.0
AFHS 424	Race and Racism in the United States	4.0
HIST 437	U.S.Labor Hist-Gilded Age to 21st Cent	4.0
HIST 499	Departmental Honors	3.0

**HONORS PROGRAM**

The Hood College Honors Program is a four-year program of coursework, co-curricular events and extracurricular activities. Academically exceptional first-year students and transfer students are encouraged to apply to the program. Honors courses, which are designed to cultivate students' ability to examine our complex world, are interdisciplinary in approach and are often team-taught. Classes are small, discussion-oriented and enhanced by guest speakers and field trips.

**THE HONORS PROGRAM INCLUDES THE FOLLOWING REQUIREMENTS:**

- 6 credits of Honors coursework during first year.
- 6 credits of Honors coursework during sophomore year.
- 9 additional credits of Honors coursework during sophomore, junior and senior years.
- 1 104-level foreign language course (or exemption).

**First-Year Honors Experience**

First-year students in the Honors Program take two Colloquium courses organized around interdisciplinary themes. In the first semester the course emphasizes the humanities and social sciences. The second semester explores a theme related to the natural sciences.

HON 101	Honors Colloquium I	3.0
HON 102	Honors Colloquium II	3.0

**Sophomore Year Honors Experience**

The sophomore year in Honors helps students to explore the nature of knowledge, cultural differences and the individual's place in society. During the second semester (HON 202) students combine scholarly research with experiential learning.

HON 201	Honors Colloquium III	3.0
HON 202	Honors Practicum	3.0

By invitation, selected Hood students may begin the program at the sophomore level. These students are exempt.

#### Junior and Senior Years

Students in the Honors program will complete at least nine credits at the 300-level or above, to include at least one HON 470, Seminar in Honors which may be repeated once under a different topic. Students who study abroad for at least one semester may count that experience as one of their honors electives. Students who complete a two-semester departmental honors paper (499) may count that as one of their Honors electives.

Honors students may begin taking their electives in the sophomore year. Because Honors electives are offered on an irregular schedule, students who are especially interested in a particular elective are urged to take it the first time it is offered during their eligible years.

#### Honors Program Thesis

As an alternative to a departmental honors thesis, students in Hood's Honors Program may elect to complete a 3-credit interdisciplinary paper or project during the fall or spring semester of the senior year.

HON 499	Honors Thesis	3.0
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#### Relationship to the Core Curriculum

First-year students and sophomores may apply up to 3 Honors courses toward the seven classes required in the Methods of Inquiry section of the Core Curriculum. (No Honors credit may be applied to the laboratory science requirement.)

#### Foreign Language Requirement

All students in the Honors Program must meet the 104-level foreign language course requirement. Students for whom English is a second language should consult with the Honors director to determine possible exemption from this requirement.

#### Transferring into the Honors Program

The Honors Program welcomes qualified transfer students. Those who have successfully completed two years of an honors program at another college before they transfer to Hood may apply to the Hood College Honors Program at the junior level without having to complete the first-year and sophomore Honors courses at Hood. In order to complete the program, such students must take a minimum of 9 credits in Honors Program courses at the 300-level or above, to include at least one HON 470, Seminar in Honors which may be repeated once under a different topic.

Students who transfer to Hood in their sophomore year, or students who transfer in their junior year without having completed two years of an honors program at another college, may also apply to the Honors Program. They must take a minimum of 14 credits in Honors Program courses (usually HON 201, HON 202, and at least 9 credits of 300-level or above courses, to include HON 470, which may be repeated once under a different topic). Sophomore transfers who complete HON 201 and HON 202 may exempt two courses from the Methods of Inquiry section of the Core (not a lab science).

Transfer students should be aware of the Honors Program foreign language requirement (see above).

#### Recognition of Honors Students

To graduate from the Honors Program, students must maintain a cumulative G.P.A. of 3.25. A grade of "C-" or better is required in each

Honors course being used to satisfy the Program requirements. In meeting the Honors Program requirements, students will earn Honors Program recognition on their academic records.

## MATHEMATICS DEPARTMENT

**Professor:** M. Elizabeth Mayfield

**Associate Professor:** Ann Stewart (chair)

**Associate Professor Emeritus:** Douglas Peterson

**Assistant Professors:** Reshmi Nair, James Parson, Jill E. Tysse, Gwyneth Whieldon

**Senior Lecturer:** Martha Meadows

The Department of Mathematics offers a bachelor of arts degree and a minor in mathematics.

The department also coordinates an undergraduate dual-degree program in engineering with The George Washington University School of Engineering.

In conjunction with the education department, the mathematics department also offers a minor in mathematics education, a post-baccalaureate certificate in secondary mathematics education and a master's degree in mathematics education. With the economics and business administration department, the mathematics department coordinates a new minor in actuarial science.

And with the other science departments, the mathematics and computer science departments offer a major in computational science.

#### Programs Offered:

- Mathematics Education (M.S.) (p. 127)
- Mathematics Major (B.A.) (p. 85)
- Computational Science Major (B.S.) (p. 84)
  - Chemistry Concentration
  - Ecology Concentration
  - Molecular Biology Concentration
  - Physics Concentration
- Actuarial Science Minor (p. 47)
- Mathematics Education Minor (p. 53)
- Mathematics Minor (p. 53)
- Post-baccalaureate Certificate in Secondary Mathematics Education (p. 131)

## COMPUTATIONAL SCIENCE MAJOR, B.S.

Computational science is a new, interdisciplinary field, one which uses applied mathematics and computer science to solve problems in another science. Computational science courses might address problems such as modeling the weather or earthquakes, or predicting subatomic particle behavior.

In this major, you will take courses in mathematics and computer science to gain the basic skills and knowledge you need. At the same time, you will take courses in your chosen area of concentration (chemistry, ecology, molecular biology or physics) to obtain depth in an applied science. Then, as a senior, you will complete a project with two faculty advisors—one in mathematics or computer science and the other in your area of concentration—that will demonstrate the power of math and computing to address issues in your concentration field.

Computational science is a great major for students who are interested in mathematics, computing, and a natural or physical science.

### REQUIREMENTS FOR THE MAJOR

#### 23 credits in mathematics:

MATH 202	Calculus II	4.0
MATH 207	Discrete Math	3.0
MATH 253	Multivariable Calculus	4.0

#### Choose three of the following five courses: (12 credits)

MATH 304	Differential Equations	4.0
MATH 320	Modeling and Simulation	4.0
MATH 339	Linear Algebra	4.0
MATH 351	Probability and Statistics	4.0
MATH 456	Numerical Analysis	4.0

#### 23 credits in computer science:

CS 201	Computer Science I	4.0
CS 202	Computer Science II	4.0
CS 219	Advanced Data Structures	3.0
CS 319	Algorithm Analysis	3.0
CS 329	Intro to Database Management Systems	3.0

#### Choose two of the following: (6 credits)

CS 466	Parallel Computing	3.0
CS 498	Special Topics	3.0

Students should consult with the Computer Science and Information Technology Department to choose appropriate special topics courses.

#### An interdisciplinary senior project (3 credits):

CPSC 475	Senior Project in Computational Science	3.0
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(one advisor from the Mathematics Department or Computer Science and Information Technology Department and a second advisor from another science area)

#### A concentration in a science:

##### Chemistry Concentration (16 credits):

CHEM 209	Organic Chemistry I	4.0
CHEM 210	Organic Chemistry II	4.0
CHEM 215	Quantitative Analysis	4.0
CHEM 431	Quantum Mechanics	3.0
CHEM 433	Quantum Mechanics Lab	1.0

##### Ecology Concentration (15 credits):

BIOL 201	Evolution and Ecology	4.0
BIOL 203	Intro to Cell Biology & Genetics	4.0
BIOL 338	Advanced Ecology	4.0
ENSP 407	Natural Resource Mgt	3.0

##### Molecular Biology Concentration (19 credits):

BIOL 201	Evolution and Ecology	4.0
BIOL 203	Intro to Cell Biology & Genetics	4.0
CHEM 209	Organic Chemistry I	4.0
BIOL 316	Genetics	4.0
BIOL 437	Introduction to Bioinformatics	3.0

##### Physics Concentration (17 credits):

PHYS 203	Introductory Physics I	4.0
PHYS 204	Introductory Physics II	4.0
PHYS 222	Introduction to Modern Physics	3.0
PHYS 324	Mechanics	3.0
PHYS 325	Electricity & Magnetism	3.0

## MATHEMATICS MAJOR, B.A.

The field of mathematics offers a variety of excellent career opportunities. The department offers both a major and a minor in mathematics; mathematics majors may also earn secondary teaching certification.

Mathematics courses at Hood are taught with an emphasis on student participation, active learning, collaboration and the use of technology. Students at Hood work closely with faculty members. Classes are small, and students can explore topics that interest them. The senior seminar, in the history of mathematics, leads to a capstone research project. The department has a computer laboratory dedicated to mathematics classes, with computational and graphics software to support the mathematics curriculum.

Classrooms, labs, seminar rooms and informal spaces in the Hodson Science and Technology Center provide attractive and useful facilities for student-faculty interaction.

Math students are among the most active and involved on campus. They are leaders in student government and in residential and commuter student groups. Members of the math club organize field trips to the Smithsonian, the Maryland Science Center and the National Cryptologic Museum. Math students participate in the annual national competition in mathematical modeling, attend conferences and give presentations, are members of professional organizations, complete exciting internships in Washington D.C., and Baltimore, participate in summer research programs and enter graduate school or the work force with valuable skills.

### REQUIREMENTS FOR THE MAJOR

(majors pursuing Secondary Education Certification see *Mathematics Secondary Education Certification* (p. 86))

A student may declare a major in mathematics only after completing MATH 202 Calculus II or equivalent with a grade of C or better.

#### The following courses comprise the mathematics major:

MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
MATH 207	Discrete Math	3.0
MATH 213	Statistical Concepts and Methods	3.0
MATH 253	Multivariable Calculus	4.0
MATH 304	Differential Equations	4.0
	or	
MATH 351	Probability and Statistics	4.0
MATH 320	Modeling and Simulation	4.0
	or	
MATH 456	Numerical Analysis	4.0
MATH 333	Introduction to Abstract Math	4.0
MATH 339	Linear Algebra	4.0
MATH 440	Introduction to Abstract Algebra	3.0
MATH 453	Introduction to Real Analysis	3.0
MATH 470	Seminar: History of Math	2.0
MATH 471	Research Project in the History of Math	1.0

Students are also encouraged to take PHIL 207 Logic and several computer science electives.

The mathematics major can be combined with other disciplines (such as biology, business administration, chemistry or economics) in a double-

major program; this option is particularly useful for those interested in the use of quantitative methods in the other discipline. The mathematics major also can complement study in another discipline that is less directly related to it; the broader a student's background, the more choices and opportunities are available.

## MATHEMATICS SECONDARY EDUCATION CERTIFICATION

Mathematics majors may wish to obtain certification to teach mathematics at the secondary level. Students who complete the secondary education program receive certification to teach in Maryland upon graduation, along with reciprocity for teaching in certain other states.

### REQUIREMENTS FOR THE MAJOR WITH CERTIFICATION

#### Required:

MATH 201	Calculus I	4.0
MATH 202	Calculus II	4.0
MATH 207	Discrete Math	3.0
MATH 213	Statistical Concepts and Methods	3.0
MATH 253	Multivariable Calculus	4.0
MATH 304	Differential Equations	4.0
MATH 320	Modeling and Simulation	4.0
MATH 333	Introduction to Abstract Math	4.0
MATH 336	Introduction to Mod Geometry	4.0
MATH 339	Linear Algebra	4.0
MATH 440	Introduction to Abstract Algebra	3.0
MATH 453	Introduction to Real Analysis	3.0
MATH 470	Seminar: History of Math	2.0
MATH 471	Research Project in the History of Math	1.0

MATH 440, MATH 453: Students need to consult with the adviser for the appropriate course.

In addition, students must meet the requirements specified under Education, *Secondary Education Certification* (p. 74).

Students who are considering seeking secondary education certification in mathematics should consult with the Departments of Mathematics and Education as soon as possible.

## MUSIC DEPARTMENT

**Associate Professor:** Wayne L. Wold (chair, music theory, composition, organ, harpsichord)

**Assistant Professor:** Noel Verzosa (music history and literature, world music, appreciation)

**Instructor:** Lynn Staininger (choral activities, conducting, appreciation, fundamentals)

**Adjunct Instructors:** Jan Aaland (voice), Anna Claire Ayoub (bassoon), Lisa Dodson (voice), David Duree (clarinet and saxophone), Lynn Fleming (string bass), Brian Hinkley (brass and wind ensemble, conducting), Alison Bazala Kim (cello), Noel Lester (piano, piano ensemble, concert manager), RoseAnn Markow Lester (violin, viola, string ensemble, director of preparatory music), Kevin Lewis (jazz ensemble), William Powell (piano), William Simms (guitar, early music ensemble), Leroy Smith (gospel ensemble), Barbara Spicher (flute), Ed Stanley (oboe and English horn)

Music is a cornerstone of a liberal arts education and, as such, Hood offers majors and minors in music history and literature, performance, and piano pedagogy. The music curriculum has the following objectives: development of the enjoyment of music, proficiency in the art of music, guidance in the understanding of music, preparation for a career in music, and preparation for graduate school.

Most members of the department are concert artists, some of whom have performed nationally and internationally. Several are recording artists, as well.

**Facilities:** Hood's facilities for the study of music include eight practice rooms with Yamaha studio upright pianos, teaching studios with grand pianos (mostly Steinways), a large pipe organ, a practice organ, a harpsichord, a music-lab computer station and several performing venues: Brodbeck Music Hall, Hodson Auditorium, and Coffman Chapel. Hood also boasts an excellent collection of books, music, CDs and DVDs in the Beneficial-Hodson Library and Information Technology Center.

**Performances:** Students have many performing opportunities through participation in honors recitals; performance labs; choir; chamber singers; the piano, wind, string, jazz, early music and gospel ensembles; and other smaller chamber groups. The choral groups perform several times each semester, including the annual "Messiah" performance, and the other ensembles present end-of-the-semester concerts each term. Numerous concerts each year by distinguished guest artists and faculty artists are also held.

**Credit by audition:** Students who have a substantial background in applied music may apply for credit for that study by arranging an audition with the department. A maximum of 4 credits will be awarded, based on the audition.

#### Programs Offered:

- Music Major (B.A.)
  - Music History and Literature Concentration (p. 87)
  - Music Performance Concentration (p. 87)
  - Piano Pedagogy Concentration (p. 88)
- Music History and Literature Minor (p. 54)
- Music Performance Minor (p. 54)
- Music Performance Certificate (p. 88)
- Piano Pedagogy Certificate (p. 88)

#### Applied Music

Hood offers individual instruction in piano, organ, harpsichord, violin, viola, cello, string bass, flute, English horn, clarinet, oboe, saxophone, all brass instruments, voice, guitar, composition, and conducting. Beginning instruction in all areas is available with consent of the Department. In all instrumental areas except piano, organ, and harpsichord, students are expected to provide their own instruments.

Students may take applied music with or without earning credits. Normally, a student would need to practice about five hours a week for one half-hour\* lesson, and eight hours a week for two half-hour lessons. Two half-hour lessons may be combined into one hour lesson each week at the discretion of the instructor. One hour\* of credit will be awarded for a semester of weekly half-hour lessons.

Students taking applied music for credit must attend three department-approved concerts each semester and are expected to participate in performance labs scheduled throughout the semester. Applied music

credits are awarded after the teacher certifies that the student has made reasonable progress, has successfully completed a departmental exam, and has fulfilled the concert and performance requirements. Students must take a departmental exam in each applied area of study every semester, following two semesters of study.

There is a modest fee for lessons and use of the practice rooms; several scholarships are available. A maximum of 4 credits by examination may be earned by students with an extensive background in applied music.

For detailed, up-to-date information on the applied music program and policies, please consult the Applied Music Handbook on the Department of Music webpage at [www.hood.edu](http://www.hood.edu).

*\*Hour and half-hour are interpreted in terms of the 50-minute class.*

### Music Ensemble

Students may elect to enroll in a music ensemble for credit. String students would normally enroll in string ensemble; wind and percussion students would normally enroll in wind ensemble; voice students would normally enroll in choir, chamber singers, or gospel ensemble; and piano students would normally enroll in piano ensemble and a choral group. Majors in other areas will be assigned as appropriate. Students earn one-half credit for each semester of ensemble and may earn up to six credits during their Hood careers.

*Note: in all cases, the appropriate director must approve placement in music ensembles.*

## MUSIC MAJOR WITH MUSIC HISTORY AND LITERATURE CONCENTRATION, B.A.

The music history and literature concentration requires a minimum of 37 credits in music, with at least 15 credits at the 300 level or above. Transfer students must complete at least 12 credits of their major at Hood, including the senior project and 9 other credits of music history or theory, as appropriate.

### REQUIREMENTS FOR THE MAJOR

#### Courses

MUSC 100	Fundamentals of Music or Exemption Exam	3.0
MUSC 101	Beginning Music Theory & Musicianship	4.0
MUSC 201	Intermediate Music Theory & Musicianship	4.0
MUSC 300	Monuments of Western Music or	3.0
MUSC 299	Special Topics in Music	1.0 - 3.0
MUSC 301	Advanced Music Theory/Form & Analysis	4.0
MUSC 302	World Music	3.0
MUSC 303	Music History and Literature I	4.0
MUSC 304	Music History and Literature II	4.0
MUSC 470	Senior Project Music History and Lit or	3.0
MUSC 499	Departmental Honors Space5 4 credits of applied music in any area	3.0  4.0

2 credits of music ensemble 2.0

Successful completion of a Piano Proficiency Exam or completion of 4 credits of piano (two of which must be earned at Hood.)

### Piano Proficiency Examination Requirements

Students will be expected to: (1) be able to play all major and minor scales, parallel motion, two octaves and primary chords in all keys, (2) play two pieces of early intermediate difficulty (e.g., a selection from the “Anna Magdalena Bach Notebook,” a quick movement from a classical sonatina, a selection from Schumann’s “Kinderszenen,” etc.) and (3) sight-read a chorale or easy piano piece. It is strongly recommended that this exam be taken no later than first semester of the junior year, so that there will be sufficient time left for any remedial piano that may be needed.

## MUSIC MAJOR WITH MUSIC PERFORMANCE CONCENTRATION, B.A.

Students can major in the following areas of performance: voice, piano, organ, harpsichord, violin, viola, cello, string bass, flute, oboe, English horn, clarinet, saxophone, trumpet, trombone, tuba, French horn, Euphonium, guitar, composition, and conducting.

The music performance concentration requires a minimum of 38 credits in music, with at least 15 credits at the 300 level or above. Students must audition for the department before declaring a major in music performance. Transfer students are required to complete at least 12 credit hours of their major at Hood, including 6 credits of applied music, the senior recital and at least one semester of music history. Credits earned by exam do not count toward the minimum credits to be earned at Hood.

### REQUIREMENTS FOR THE MAJOR

#### Required:

MUSC 100	Fundamentals of Music or Exemption Exam	3.0
MUSC 101	Beginning Music Theory & Musicianship	4.0
MUSC 201	Intermediate Music Theory & Musicianship	4.0
MUSC 301	Advanced Music Theory/Form & Analysis	4.0
MUSC 303	Music History and Literature I	4.0
MUSC 304	Music History and Literature II	4.0
MUSC 474	Junior Recital	1.0
MUSC 475	Senior Recital	2.0
	10 credits of applied music in the area of the performance major	10.0
	3 credits of music ensemble	3.0

Successful completion of a Piano Proficiency Examination or completion of 4 credits of piano (two of which must be earned at Hood.)

### Piano Proficiency Examination Requirements:

Students will be expected to: (1) be able to play all major and minor scales, parallel motion, two octaves and primary chords in all keys, (2) play two pieces of early intermediate difficulty (e.g., a selection from the “Anna Magdalena Bach Notebook,” a quick movement from a classical sonatina, a selection from Schumann’s “Kinderszenen,” etc.) and (3) sight-read a chorale or easy piano piece. It is strongly recommended that this exam be taken no later than first semester of the junior year, so that there will be sufficient time left for any remedial piano that may be needed.

## MUSIC MAJOR WITH PIANO PEDAGOGY CONCENTRATION, B.A.

The piano pedagogy concentration is designed for students with strong piano skills who are more interested in becoming a private teacher than in being a performer. The concentration requires a minimum of 40 credits in music, 15 credits of which must be at the 300 level or above. Students must be approved by the department before declaring this major; this would normally be done at the applied music exam preceding the semester of declaration. Transfer students are required to complete at least 13 credit hours of their major at Hood, including 6 credits of applied music, the junior recital, the independent study in piano pedagogy and the senior project in piano pedagogy.

### REQUIREMENTS FOR THE MAJOR

#### Required:

MUSC 100	Fundamentals of Music or Exemption Exam	3.0
MUSC 101	Beginning Music Theory & Musicianship	4.0
MUSC 201	Intermediate Music Theory & Musicianship	4.0
MUSC 301	Advanced Music Theory/Form & Analysis	4.0
MUSC 303	Music History and Literature I	4.0
MUSC 304	Music History and Literature II	4.0
MUSE 261	Piano Ensemble I	0.5
MUSE 262	Piano Ensemble II	0.5
MUSC 375	Independent Study	1.0 - 3.0
MUSC 471	Senior Project Piano Pedagogy	3.0
MUSC 474	Junior Recital	1.0
	8 credits of applied piano	8.0
	1 credit of ensemble	1.0
	1 credit of applied harpsichord	1.0

Applied Piano: (6 credits must be at the 200 level or above)

Ensemble: (not MUSE 261 or MUSE 262)

## MUSIC PERFORMANCE CERTIFICATE

#### Coordinator: Wayne L. Wold

Music performance certificates are available in any area offered at Hood—voice, piano, organ, harpsichord, violin, viola, cello, string bass, all brass instruments, classical guitar, oboe, clarinet, flute, composition, and conducting.

Students who possess a baccalaureate degree from an accredited institution in fields other than music and can demonstrate significant ability in voice or one of the above instruments, may earn a professional certificate in music performance. Enrollment, as an upper division certificate student, begins with an interview with the department chair, followed by a departmental audition. If accepted into the program, students will enroll and complete the requirements within three years. A grade of “B” or better must be earned in all courses. Up to two credits of applied music may be exempted, based on the audition, as well as MUSC 101 Beginning Music Theory and Musicianship, if this course has already been taken at the collegiate level. If MUSC 103 Introduction to Music has been earned elsewhere, a higher level music history course must be taken. The Hood transcript will show only those courses earned at Hood and that the requirements of the certificate have been met.

## REQUIREMENTS FOR THE CERTIFICATE IN MUSIC PERFORMANCE (17 CREDITS)

Prerequisites: Bachelor’s degree from an accredited institution (any major other than music) and a successful departmental audition.

#### Required:

MUSC 101	Beginning Music Theory & Musicianship	4.0
MUSC 103	Introduction to Music	4.0
	6 credits of applied music in the area of certification	6.0
	1 credit of related ensemble	1.0
	Participation in two honors recitals	
	2 credits juried (senior) recital	2.0

Students must earn a “B” or higher in every course in order to receive the certificate.

Students in music certificate programs take undergraduate courses at one-half tuition.

## PIANO PEDAGOGY CERTIFICATE

#### Coordinator: Noel Lester

Students who possess a baccalaureate degree from an accredited institution in fields other than music and have demonstrable ability in piano may earn a professional certificate in piano pedagogy. Enrollment, as an upper division certificate student, begins with an interview with the department chair, followed by a departmental audition. If accepted into the program, students will enroll and complete the requirements within three years. A grade of “B” or better must be earned in all courses. Up to two credits of applied music may be exempted, based on the audition, as well as MUSC 101 Beginning Music Theory and Musicianship, if taken at the collegiate level. If MUSC 103 Introduction to Music has been earned elsewhere, a higher level music history course must be taken. The Hood transcript will show only those courses earned at Hood and that the requirements of the certificate have been met. Students who are concurrently pursuing the certificate in piano performance would need to take one semester of harpsichord and MUSC 375 Independent Study in Piano Pedagogy in order to earn the second certificate in piano pedagogy.

## REQUIREMENTS FOR THE CERTIFICATE IN PIANO PEDAGOGY (MINIMUM 18 CREDITS)

Prerequisites: Bachelor’s degree from an accredited institution (any major other than music) and a successful departmental audition.

#### Required:

MUSC 101	Beginning Music Theory & Musicianship	4.0
MUSC 103	Introduction to Music	4.0
	6 credits of piano	6.0
	or	
	5 credits of piano and 1 credit of harpsichord	
	1 credit of piano ensemble	1.0
MUSC 375	Independent Study	1.0 - 3.0

Students must earn a “B” or higher in every course in order to receive the certificate.

Students in music certificate programs take undergraduate courses at one-half tuition.

## NURSING DEPARTMENT

**Director:** Carol Snapp

The RN to Bachelor of Science in Nursing (B.S.N.) program at Hood College is designed to build upon the basic education of the registered nurse. This course of study builds upon the registered nurse's previous learning to develop additional skills for the increasing complexity of health care in the 21st century. This is accomplished by a foundation of liberal arts courses and supplemental nursing education focusing on leadership, research, evidence based practice, critical thinking nursing theory, and communication, among other competencies for professional nursing practice.

### Program Offered:

- Nursing (B.S.N.) (p. 89)

## NURSING MAJOR, B.S.N.

**Director:** Carol Snapp

The BSN Completion Program at Hood College is a program designed to assist the registered nurse develop additional skills for the increasing complexity of health care in the 21st Century. This is accomplished by a foundation of liberal arts courses and supplemental nursing education focusing on leadership, research and evidenced-based practice, critical thinking, nursing theory, and communication, among other competencies for professional nursing practice. Thirty credits will be awarded for the required unencumbered license to practice as a registered nurse in Maryland or a Maryland compact state. Students with an associate's degree in nursing may transfer up to 62 liberal arts credits. All students admitted to the program must complete the Global Perspectives area of the Hood College Core Curriculum.

### REQUIREMENTS FOR THE MAJOR

#### Prerequisite courses:

Students must successfully complete all prerequisite coursework in the liberal arts prior to beginning the nursing sequence.

#### Natural Sciences

Human Anatomy and Physiology with lab  
(Minimum of 2 semesters)  
Microbiology with lab  
Chemistry with lab  
Nutrition

#### Mathematics:

Mathematics (100-level or above)

#### Humanities:

Humanities Electives 6.0

#### Social Sciences:

Psychology  
Sociology  
Human Growth and Development

#### Required courses:

NUR 301	Dimensions of Professional Nursing	3.0
NUR 302	Trends in Health Care Delivery	3.0
NUR 303	Health Assessment	3.0
NUR 304	Informatics and Health Care Technology	3.0
NUR 401	Nursing Research & Evidenced-Based Prac	3.0
NUR 402	Ethical Issues in Contemp Health Care	3.0

NUR 403	Community Health Nursing	5.0
NUR 404	Leadership in Nursing Practice	5.0

## PHILOSOPHY AND RELIGIOUS STUDIES DEPARTMENT

**Professor:** David Hein, Karen Hoffman (chair)

**Associate Professors:** Stephen Wilson

The Department of Philosophy and Religious Studies offers two majors: religion and philosophy. The department also offers minors in religion and philosophy. Five minors are co-sponsored by the department: African Studies, Classical Studies, Middle Eastern Studies, Medieval Studies and Renaissance Studies. The solid liberal arts foundation provided by either of these majors is a good beginning for a career in almost any field, including law, medicine and business.

Philosophy and religious studies faculty are distinguished scholars and teachers who have extensive knowledge of the history of philosophy and religious studies, philosophical and religious ethics (theoretical and applied), the religions of Asia, comparative religion, American religious history, the Bible and the Judeo-Christian tradition, as well as the impact of philosophy and religion on culture, politics and public life.

**Writing across the departmental curriculum:** Departmental faculty strongly believe that students who take religion and philosophy courses should not only increase their knowledge but also improve their writing skills. Reading, thinking, writing and intelligent discussion are the principal means by which students engage with the subject matter of courses in religion and philosophy. In their written work, students will reflect clear thinking in clear writing. What students say cannot be separated from how they say it. Faculty, therefore, will assess students' papers on the basis of style and grammar as well as content.

#### Programs Offered:

- Philosophy Major (B.A.) (p. 89)
- Religion Major (B.A.) (p. 90)
- Philosophy Minor (p. 55)
- Religion Minor (p. 56)

## PHILOSOPHY MAJOR, B.A.

The philosophy major introduces students to the major figures and important issues in the world's philosophical traditions.

The Department of Philosophy and Religious Studies recognizes that the fields of philosophy and religious studies, although distinct, nonetheless share many concerns and approaches, and often address the same issues. Consequently, departmental faculty strongly recommend that students with philosophy majors and minors also take religion courses.

### REQUIREMENTS FOR THE MAJOR

The major requires a minimum of 30 credits in philosophy at the 200 level or above, as well as a minimum of 15 credits at the 300 level or above, including the following philosophy courses:

#### Required:

PHIL 207	Logic	3.0
PHIL 221	Ethics	3.0
	or	
PLRL 219	Ethics & Leadership	3.0
	or	
PHIL 319	Biomedical Ethics	3.0

PLRL 301	Indian Thought or	3.0
PLRL 306	Chinese Thought or	4.0
REL 304	Islam	3.0
PHIL 307	Hist of Phil: Ancient World to Renaiss	4.0
PHIL 308	Hist of Phil:Early Modern to 20thC	4.0
PLRL 470	Senior Seminar	4.0
	Two or three electives for a total of 8-9 additional credits, including at least one course at the 300-level or above	8.0 - 9.0

*In addition to courses with a PHIL or PL designation, HNMU 318 Theory and Practice in the Arts: The Philosophy of Music and REL 342 From Abolitionism to Human Rights will count as philosophy electives within the 30 credit minimum required for the philosophy major.*

Department faculty urge students who wish to pursue graduate study in philosophy to take more than the minimum number of hours required to complete a major.

## RELIGION MAJOR, B.A.

The religion major acquaints students with the world's major religious traditions and helps students develop a critical understanding of the issues involved in the academic study of religion.

The Department of Philosophy and Religious Studies recognizes that the fields of philosophy and religious studies, although distinct, nonetheless share many concerns and approaches, and they often address the same issues. Consequently, departmental faculty strongly recommend that students with religion majors and minors avail themselves of opportunities to enroll in philosophy courses.

### REQUIREMENTS FOR THE MAJOR

The major requires a minimum of 30 credits in religion at the 200 level or above, as well as a minimum of 15 credits at the 300-level or above, and must include courses within the following categories:

#### Theories and Methods in Religion:

REL 200	What is Religion?Intro to Relig Studies	3.0
REL 412	Myth,Symbol & Ritual	3.0
PLRL 470	Senior Seminar	4.0

#### Canonical Texts (one course):

REL 203	Old Testament	3.0
REL 204	The New Testament	3.0

#### Religion in Society (one course):

REL 342	From Abolitionism to Human Rights	3.0
AFRL 311	Black Theology	3.0
PSRL 310	Politics of the Black Church	3.0
HNRL 320	Liberation Theologies	3.0
ARRL 330	Archeology of Ancient Israel	4.0

#### Religious Traditions (two courses):

PLRL 301	Indian Thought	3.0
REL 304	Islam	3.0
REL 303	Judaism	3.0
REL 314	Western Spirituality:Contemp Issues	3.0

Note: At least one of the Religious Traditions courses must be REL 304 or PLRL 301

### Electives (2-3 courses, as needed to complete the 30 credits required for the major):

In addition to any religion courses:

HIST 406	Religion,Family & Soc:Reformation Europe	4.0
PHIL 307	Hist of Phil: Ancient World to Renaiss	4.0
PHIL 308	Hist of Phil:Early Modern to 20thC	4.0
PHIL 314	Seminar:American Intellectual Tradition	3.0

## PHYSICAL EDUCATION DEPARTMENT

**Assistant Professor:** Paul Soong (chair)

At a time when the nation is witnessing an obesity epidemic and has an aging population at risk for falls, and the population enjoys watching sports more than playing sports, health science and sport science bring together individuals with backgrounds in physiology and wellness and health education to work on these and many other important public health problems.

The Department of Physical Education offers course work directed at increasing student awareness of the importance of a healthy lifestyle and physical activity and at gaining the skills and understanding basic to a lifetime of wellness. Students have the opportunity to complete lecture classes focusing upon sports science and health education, as well as activity classes focusing upon physical fitness, creative expression, risk-taking and sports skills.

**Facilities:** The College's sports facilities include Gambrill Gymnasium which houses a dance studio, gymnasium floor, aerobics room and yoga room; Hodson Fitness Center with treadmills, stair machines and exercise bicycles, as well as weight machines and free weight equipment; Hood Tennis Complex with six tennis courts; Huntsinger Aquatics Center; and Thomas Athletic Field.

## POLITICAL SCIENCE DEPARTMENT

**Professor:** Hoda Zaki

**Associate Professors:** Paige Eager (chair), Janis Judson, Tamelyn Tucker-Worgs

**Assistant Professor:** Carin Robinson

The Department of Political Science offers bachelor of arts degrees in global studies, political science; law and criminal justice; and environmental science and policy. Environmental Science and Policy is offered jointly with the Department of Biology.

### Programs Offered:

- Environmental Science and Policy Major (B.A.) (p. 90)
- Global Studies, (B.A. (p. 92))
- Law and Criminal Justice Major (B.A.) (p. 92)
- Political Science Major (B.A.) (p. 93)
- Political Science Minor (p. 55)

## ENVIRONMENTAL SCIENCE AND POLICY MAJOR, B.A.

**Program Director:** Eric Kindahl

Students in this program complete a common core of courses in environmental studies, the natural sciences, the social sciences and

mathematics. These courses also fulfill the Hood College Core Curriculum requirements for a foundations course in mathematics/computation; for the scientific thought courses in the Methods of Inquiry section; and for a course in social and behavioral analysis in the Methods of Inquiry section.

Majors concentrate in one of three fields: environmental biology, environmental chemistry or environmental policy. Students draw on this training in an interdisciplinary problem-solving senior seminar. In addition, majors are guided toward internships and other work experiences that complement their academic work. Recent internship sites have included the National Aquarium in Baltimore, the Nature Conservancy, the U.S. Department of Agriculture, the National Park Service and the U.S. Environmental Protection Agency.

This hands-on major is designed to take advantage of Hood's proximity to terrestrial, freshwater and marine habitats, to government research facilities and to federal policy-making agencies in Washington, D.C. Students in the ENSP program are encouraged to take part in Hood College's Coastal Studies Semester, directed by Drew Ferrier.

### REQUIREMENTS FOR THE MAJOR

#### Required Courses

BIOL 201	Evolution and Ecology	4.0
BIOL 202	Physiology of Plants & Animals	4.0
CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0
ECON 206	Princ of Microeconomics	3.0
ENSP 101	Environmental Problems	3.0
ENSP 102	Environmental Science Lab	1.0
ENSP 470	Seminar:Environmental Impact Analysis	3.0

PSCI 203	Introduction to U.S. Politics	4.0
	or	
PSCI 210	Comparative Politics	3.0
	or	
PSCI 215	International Relations	4.0

ECPS 414	Environmental Policy	3.0
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#### Environmental Biology Concentration

BIOL 203	Intro to Cell Biology & Genetics	4.0
CHEM 209	Organic Chemistry I	4.0
ENSP 403	Pollution Biology	3.0
ENSP 407	Natural Resource Mgt	3.0
MATH 112	Applied Statistics	3.0

#### 8 credits of electives from the following:

BIOL 309	Aquatic Ecology	4.0
BIOL 316	Genetics	4.0
BIOL 331	Microbiology	4.0
BIOL 336	Vertebrate Zoology	4.0
BIOL 337	Invertebrate Zoology	4.0
BIOL 338	Advanced Ecology	4.0
BIOL 343	Animal Behavior	4.0
BIOL 344	Ornithology	4.0
BIOL 345-349	Field Ecology & Natural History	3.0
BIOL 451	Plant Ecology	3.0
CHEM 401	Environmental Chemistry	3.0

ENSP 201	Contemporary Environ Controversies	3.0
ENSP 210	Coastal Oceanography	4.0
ENSP 212	Coastal Community Ecology	4.0
ENSP 411	Conservation Biology	3.0
ESHN 307	Chesapeake Bay:Human Impact on Nat Sys	4.0

#### Environmental Chemistry Concentration

CHEM 209	Organic Chemistry I	4.0
CHEM 210	Organic Chemistry II	4.0
CHEM 215	Quantitative Analysis	4.0
CHEM 324	Instrumental Methods of Analysis	4.0
CHEM 401	Environmental Chemistry	3.0
MATH 201	Calculus I	4.0

#### Recommended courses:

CHEM 431	Quantum Mechanics	3.0
ENSP 403	Pollution Biology	3.0
MATH 202	Calculus II	4.0

#### Environmental Policy Concentration

ECON 310	Environmental Economics	3.0
MATH 112	Applied Statistics	3.0

PSCI 203	Introduction to U.S. Politics	4.0
	or	
PSCI 210	Comparative Politics	3.0
	or	

PSCI 215	International Relations	4.0
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PSCI 203, PSCI 210, PSCI 215: if not taken as part of the requirement for the major

#### 12 credits of electives from the following:

ECON 306	Microeconomic Analysis	3.0
ECON 317	Economics of Development	3.0
ECON 318	Comparative Market Economies	3.0
ECON 324	International Trade	3.0
ENSP 201	Contemporary Environ Controversies	3.0
ENSP 399	Internship	3.0 - 15.0

PSCI 203	Introduction to U.S. Politics	4.0
	or	
PSCI 210	Comparative Politics	3.0
	or	

PSCI 215	International Relations	4.0
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PSCI 317	Urban Politics	3.0
PSCI 320	Congressional and Presidential Politics	3.0
PSCI 323	Politics of the Developing World	3.0

PSCI 203, PSCI 210, PSCI 215: if not taken as part of the requirement for the major

Students should consult their advisers for elective courses that may strengthen the major and concentration. In addition to the courses listed in the basic curriculum and in the environmental biology, chemistry and policy concentrations, some courses are available through the environmental biology program of the Graduate School. These courses may be taken by environmental science majors who meet the qualifications set for the individual courses.

## GLOBAL STUDIES, B.A.

Program Director: Paige Eager

By its very definition, the Global Studies major is interdisciplinary and draws upon both the humanities and social sciences for its relevant course work. The Global Studies major is the place within Hood College where disciplines merge, the realities of the world are confronted, and where knowledgeable, engaged citizens of that world come of age.

Working in partnership with many academic units of the College, the core purpose of the Global Studies major is fostering a greater understanding of the interrelationships between countries and cultures. In keeping with the traditions of a liberal arts education at Hood College, we expect our majors: To acquire an understanding of cultures that is multi-disciplinary and diachronic; to comprehend the interconnected socio-economic, political and cultural dimensions of global transformation; to obtain competency in a foreign language; and to be exposed to the complexity of global relations through a study abroad experience or relevant internship experience.

The Global Studies major curriculum includes: a minimum of 37-46 credit hours. Students must take a minimum of 15 credit hours at the 300 level or above for successful completion of the major.

### REQUIRED FOR ALL MAJORS:

#### Required:

ECON 205	Princ of Macroeconomics	3.0
GLBS 200	Introduction to Global Studies	3.0
GLBS 300	Challenges/Opportunities of Globalizatn or	3.0
SOC 318	Global Social Problems	4.0
GLBS 470	Senior Seminar in Global Studies	3.0
PSCI 215	International Relations	4.0

#### Language Requirement:

Completion of one of the following:

ARAB 101 through 104  
FREN 101 through 104  
GER 101 through 104  
SPAN 101 through 104

*NOTE: Latin or Greek do not fulfill this requirement*

Students who place at the 200-level in FREN, GER, or SPAN are exempt from the requirement.

#### Study Abroad or Internship Experience

GLBS 399	Internship in Global Studies	3.0 - 6.0
	or	
	Semester of study abroad	

### THEMATIC FOCUS GROUPS

Select one of the following thematic focus groups:

#### Global Cultures and Society

Minimum of 12 credits

AFPS 353	Contemporary Afr Political Thought	3.0
ANTH 302	Cultural Anthropology	4.0
ART 250	Art of Asia	4.0
ART 356	Art of Japan	4.0

ART 372	Arts of the Non-Western World	4.0
HNRL 320	Liberation Theologies	3.0
HSLs 330	Cultural Encounters in LatAm Hist	4.0
ITLS 301	The Culture of India	4.0
LSSP 336	Latin American Fiction	3.0
MEST 300	Cultures of the Middle East	4.0
PLRL 301	Indian Thought	3.0
PLRL 306	Chinese Thought	4.0
REL 303	Judaism	3.0
REL 304	Islam	3.0
	Any 300- or 400-level FREN, GER, LSSP or SPAN course	

### Global Governance and Conflict

Minimum of 12 credits

AFPS 350	African Politics	3.0
CMA 209	Mass Media and Revolution	3.0
ECPS 414	Environmental Policy	3.0
HIST 263	Africa, Asia & Europe since 1500	4.0
HIST 316	The Middle East in Modern Times	4.0
HIST 336	The World since 1945	4.0
HIST 340	Modern China & Japan	4.0
HIST 343	Modern Russia	4.0
HIST 344	Revolutions and Revolutionaries	4.0
HIST 346	War and Society	4.0
HIST 369	Modern Europe, 1789-2000	4.0
HSPS 345	Global Persp/Women, Power & Politics	4.0
LWPS 406	International Law	3.0
PSCI 200	Political Violence & Terrorism	4.0
PSCI 219	Model United Nations	1.0
PSCI 302	9/11 in Global Perspective	3.0
PSCI 305	U.S. Foreign Policy	3.0
PSCI 323	Politics of the Developing World	3.0

### The Global Economy

Minimum of 12 credits

ECON 302	Latin American Economies	3.0
ECON 304	International Political Economy	3.0
ECON 317	Economics of Development	3.0
ECON 320	The Economics of Gender	3.0
ECON 324	International Trade	3.0
ECON 460	Intl Finance & Open Economy Macro	3.0
HNLS 302	Third World Development: Latin America	3.0
MGMT 314	International Business	3.0

## LAW AND CRIMINAL JUSTICE MAJOR, B.A.

**Coordinator:** Janis Judson

The Law and Criminal Justice major at Hood College is a unique and distinctive program. The major offers two concentrations of study with separate objectives and goals.

One concentration (Law) offers students a rigorous curriculum that prepares them for law school and careers in the legal profession such as prosecutors, defense attorneys and judges. The second concentration (Criminal Justice) provides students with a challenging curriculum that focuses on criminal behavior and the operation of the criminal justice system. This concentration prepares students for diverse careers in organizations such as the FBI, the Department of Homeland Security and other local law enforcement agencies. Both concentrations are grounded

in an interdisciplinary approach that is central to the liberal arts tradition.

An internship is recommended for the Law Concentration and is required for the Criminal Justice Concentration. Past internships have included such sites as the American Civil Liberties Union (ACLU), Children's' Defense Fund, Maryland State's Attorney's Office, Frederick County Sheriff's Office, State of Maryland Division for Parole and Probation and private attorney offices.

**REQUIRED FOR ALL MAJORS:**

**Courses:**

CJ 230	Introduction to Criminal Justice	3.0
LWPS 230	Introduction to Law	3.0
MATH 112	Applied Statistics	3.0
	or	
PSY 211	Elementary Statistics	4.0
	or	
PSCI 205	Methods of Political Inquiry	3.0
PHIL 221	Ethics	3.0
PSCI 307	American Constitutional Law	3.0

**Law Concentration:**

LW 300	Legal Research and Writing	3.0
LW 470	Seminar in Law	3.0
PHIL 207	Logic	3.0
PHIL 308	Hist of Phil:Early Modern to 20thC	4.0
	or	
PSCI 333	Modern Political Thought	4.0
PSCI 336	Gender and the Law	3.0
PSCI 405	Civil Liberties	3.0

**Two courses from the following:**

CMA 305	Communications Law	3.0
ECON 205	Princ of Macroeconomics	3.0
HON 304	Censorship in America	3.0
PSCI 308	Criminal Law	3.0
REL 342	From Abolitionism to Human Rights	3.0

**Criminal Justice Concentration:**

CJ 300	Criminalistics	3.0
CJ 399	Internship in Criminal Justice	3.0 - 15.0
CJ 470	Sr Seminar in Criminal Justice	3.0
PSCI 308	Criminal Law	3.0
PSCI 302	9/11 in Global Perspective	3.0
	or	
PSCI 200	Political Violence & Terrorism	4.0
SOC 215	Social Problems	4.0

**Two courses from the following:**

HIST 333	Intelligence & Espionage since 1850	4.0
PSCI 336	Gender and the Law	3.0

PSY 319	Drugs & Behavior	4.0
PSY 370I	Seminar:Psy Bases of Criminal Behav	4.0
SOC 216	Criminology	4.0
SOC 300	Social Inequality	4.0
SOC 310	Topics in Sociology	3.0
SOC 323	Ethnicity in the United States	4.0
SOC 353	Deviance and Social Control	3.0
SOSW 217	Juvenile Delinquency & Juvenile Justice	3.0
SOSW 312	Addictions	3.0

**POLITICAL SCIENCE MAJOR, B.A.**

A major in political science prepares students for a wide variety of careers in the public or private sectors, such as law; public administration at local, state or federal levels; or community advocacy. Combined with study in related disciplines, the political science major is a strong liberal arts program. It also is suitable for a double major combined with business administration, economics, history, or a similar discipline.

The political science courses cover four areas in the discipline: U.S. politics and policy, comparative politics and international relations, law, and political theory. Students are encouraged to take courses in each of these concentrations. Students who plan to do graduate work in political science or public administration should take courses at the 300 and 400 level in as many of these concentrations as possible. In addition, they are encouraged to take statistics and economics in preparation for graduate study. Students interested in careers in public service or international relations are strongly encouraged to develop proficiency in at least one foreign language. Those who plan to enter law school should work closely with the College's pre-law advisers and should also take courses in economics and logic to improve their research and writing skills.

Internships are recommended and are available at local, state and federal levels. Because of Hood's location near Washington, D.C., and within reach of the state capital, students have an unparalleled opportunity to observe firsthand the workings of government. Hood cooperates with the Washington Semester Program at American University. The department also provides students with a number of opportunities to participate in simulations of political processes, including simulations of the Maryland state legislature and the United Nations. Political science faculty serve as advisers for these activities.

The political science major provides students with an introduction to decision making at various levels of government, an understanding of public policy formation, and of the correlation between political and economic problems. It also provides experience in research, exposure to the practical world of politics, and an appreciation of the need for good writing skills.

**REQUIREMENTS FOR THE MAJOR**

The major in political science requires a minimum of 36 credits of political science courses comprised of required and elective courses; 15 credits must be at the 300 level or above.

**Required:**

PSCI 203	Introduction to U.S. Politics	4.0
PSCI 205	Methods of Political Inquiry	3.0
PSCI 210	Comparative Politics	3.0
	or	
PSCI 215	International Relations	4.0

PSCI 303	Public Policy Analysis	4.0
PSCI 333	Modern Political Thought or	4.0
PSCI 332	Ancient Medieval Political Thought	4.0
PSCI 470	Seminar on Politics	3.0

**Students are required to take one of the following courses:**

PSCI 202	Women & Politics	4.0
PSCI 336	Gender and the Law	3.0
AFPS 240	African American Politics	3.0
HSPS 345	Global Persp/Women, Power & Politics	4.0

It is recommended that political science majors take ECON 205 Principles of Macroeconomics. In addition, competency in a foreign language is recommended.

## PRE-PROFESSIONAL STUDIES

**Programs Offered:**

- Pre-Law Studies
- Pre-Medical and Pre-Dental Studies
- Pre-Veterinary Studies

## PRE-PROFESSIONAL PREPARATION

### PRE-LAW STUDIES

Although there is no specific pre-law curriculum, a strong foundation in the liberal arts, with emphasis on such subjects as English language and literature, political science, sociology, philosophy and logic, history or economics is highly recommended.

Virtually all law schools require the Law School Admission Test for admission. Students intending to go to law school directly after graduation should visit the Career Center to receive assistance with program planning and with the law school application process.

### PRE-MEDICAL AND PRE-DENTAL STUDIES

**Health Professions Adviser:** Tiziana Cavinato, Catherine Filene Shouse Career Center

Medical schools prefer students who have a broad background in the humanities and social sciences. The following courses, specified in the Medical School Admissions Requirements, are most often the minimum required by professional schools in the United States and Canada. These courses should be completed by the end of the junior year.

**Biology**

8 credits of biology at the 200 level. Recommended:

BIOL 202	Physiology of Plants & Animals	4.0
BIOL 203	Intro to Cell Biology & Genetics	4.0

**Chemistry**

CHEM 101	General Chemistry I	4.0
CHEM 102	General Chemistry II	4.0
CHEM 209	Organic Chemistry I	4.0
CHEM 210	Organic Chemistry II	4.0

**English**

English composition course

ENGL 100	Elements of Compositn	4.0
ENGL 101	The Writing Process	3.0
	or	
ENGL 110-139	Writing About Literature	3.0
	English Composition Course	

plus another semester of a writing-intensive course

**Physics**

PHYS 101	General Physics and	4.0
PHYS 102	General Physics	4.0
	or	
PHYS 203	Introductory Physics I and	4.0
PHYS 204	Introductory Physics II	4.0

General Physics requires MATH 120

Introductory Physics requires Calculus

**Recommended Courses:**

The courses listed below are strongly recommended, but not strictly required, by professional schools. These courses are also best completed by the end of the junior year in order to prepare for the Medical College Admission Test or the Dental Admission Test. Each student should decide, in consultation with a member of Hood's Health Professions Advisory Committee, whether or not to take additional science courses.

BIOL 307	Intro Human Anatomy & Physiology	4.0
BIOL 316	Genetics	4.0
BIOL 331	Microbiology	4.0
BIOL 339	Cell Biology	4.0
CHEM 301	Biological Chemistry I	4.0

Most schools require a year of English, some require calculus and many encourage the study of philosophy or ethics.

1. The undergraduate cumulative average;
2. The results of the Medical College Admission Test or Dental Admission Test;
3. Evaluations from Hood faculty and the Health Professions Advisory Committee;
4. A personal interview, if the professional school requests it;
5. Off-campus experience in community service or in health professions activities.

Hood's Health Professions Advisory Committee members not only provide advice on preparation for medical, dental and veterinary schools, but also write composite letters of recommendation to accompany an eligible student's applications.

Although biology, biochemistry and chemistry are the majors most often chosen, the student may major in any area. In any case, the student must earn a competitive grade point average (3.5 or higher is typical of successful candidates) and must show proficiency in the sciences. The selection of courses and choice of major should be discussed with the health professions adviser or a member of the Health Professions Advisory Committee early in the student's program.

The MCAT and DAT tests are given throughout the year. The appropriate test should be taken in the spring or early summer of the junior year after the student has had the minimum science courses listed above.

### Five important factors in being admitted to medical or dental school are:

For more information, please feel free to talk with the health professions adviser or any member of the Health Professions Advisory Committee.

### PRE-VETERINARY STUDIES

**Health Professions Adviser:** Tiziana Cavinato, Catherine Filene Shouse Career Center

Admission into a veterinary school is among the most difficult of any post-baccalaureate program. Veterinary medical schools require students to be prepared with a strong grounding in the sciences (in particular biochemistry, chemistry and microbiology) balanced by coursework in the humanities, social sciences and mathematics.

In addition to demonstrating exceptional ability in the classroom, most veterinary schools also expect students to have had hands-on experience under the tutelage of an experienced veterinarian.

Students interested in entering the veterinary profession should contact the health professions adviser for information about the application process and veterinary schools.

### PSYCHOLOGY DEPARTMENT

**Associate Professors:** Robert W. Boyle Jr., Ingrid Farreras (chair), Shannon Kunday, Terry Martin, Wanda Ruffin

**Assistant Professor:** Elizabeth MacDougall, Diane Oliver, Jason Trent

**Professor Emerita:** Linda J. Scott

**Senior Lecturer:** Daniel Robinson

At the undergraduate level, the Department of Psychology offers a B.A. degree in Psychology, a minor in Psychology and an interdisciplinary minor in Gerontology.

At the graduate level, the department offers M.A. degrees in Thanatology and Human Sciences and graduate certificates in Thanatology and Gerontology. The thanatology offerings prepare individuals for careers in research, administration, or service with the terminally ill and bereaved as well as to provide education on death and dying. The gerontology offerings expose students to the biological, psychological, and social aspects of aging necessary to work with older adults in the community. The Human Sciences degree provides an interdisciplinary approach to the study of human experience and complexity and the problems of the world we live in.

The Psychology faculty's areas of expertise are in clinical psychology, gerontology, thanatology, comparative cognition, social/personality, developmental psychology and history of psychology.

#### Programs offered:

- Human Sciences (M.A.) (p. 124)
- Thanatology (M.A.) (p. 128)
- Graduate Thanatology Certificate (p. 131)
- Graduate Gerontology Certificate (p. 130)
- Psychology Major (B.A.) (p. 95)
- Gerontology Minor (p. 52)
- Psychology Minor (p. 55)

### PSYCHOLOGY MAJOR, B.A.

The major in psychology covers aspects of human and animal behavior ranging from the firing of a single neuron to the death and dying process.

Psychology can prepare students for various entry-level jobs in social services, mental health, management or almost any area that requires a broad liberal arts education. The psychology major can also be the basis for admission to graduate or professional training in psychology, medicine and law, for example. The possibilities can include many other areas and can be enhanced by the selection of elective courses and participation in complementary experiences.

Opportunities exist for internships, and in the past, students have worked with hospitalized children, adolescents and adults in outpatient treatment facilities and community mental health agencies, as well as a number of business settings. Previous settings include: the National Institute of Mental Health, The Johns Hopkins University Hospital, Fort Detrick (NCI), the Federal Bureau of Investigation, the White House, Monocacy Neurodevelopmental Center, the Maryland School for the Deaf, the American Psychological Association, the Jefferson School, the Frederick County Hotline, and the National Park Service.

### REQUIREMENTS FOR THE MAJOR

Psychology majors must complete a minimum of 40 credits in psychology, including at least 24 credits at the 300 level or above. A minimum of 12 credits in psychology must be taken at Hood.

#### Foundation Requirements

PSY 101	Introduction to Psychology	4.0
PSY 211	Elementary Statistics	4.0
PSY 312	Non-Experimental Research Methods	4.0
PSY 315	Experimental Research Methods	4.0

PSY 101, PSY 211, and PSY 312 must be completed with a grade of C- or better to count in the major and to fulfill the prerequisite for higher level courses.

Statistics courses completed in another discipline will fulfill the requirement but will not count toward the 40 credit minimum in psychology courses.

#### Major Requirements

PSY 205	Social Psychology	4.0
PSY 239	Developmental Psychology	4.0
PSY 401	Theories of Personality	4.0
	or	
PSY 431	Abnormal Psychology	4.0
PSY 409	Learning and Memory	4.0
PSY 418	Physiological Psychology	4.0
PSY 441	History of Psychology	4.0

#### Additional requirements and considerations:

1. All majors must take the ETS's Major Specific Test in their senior year.
2. All majors are encouraged to complete at least one complementary experience along with their major in psychology. Complementary experiences include, but are not limited to a research assistantship (requires faculty approval)
  - an internship (requires departmental approval)
  - an Honors Project (requires departmental selection)
  - a foreign language proficiency or study abroad (see College catalog)
  - a teaching assistantship (requires faculty selection)

an independent study (requires faculty approval)

a double major or minor(s) (see College catalog)

Students should consult with their advisor about which complementary experiences are best for them depending on their long-term goals and short-term plans after graduation.

3. Majors can expand their interests in psychology by including any of the following electives:

PSY 203	Survey Clin Commnty & Counsel Psy	4.0
PSY 204	Psychology of Death	4.0
PSY 206	Psychology of Women	4.0
PSY 208	Psychology of Adolescence	4.0
PYSO 221	Social Gerontology	4.0
AFPY 270	AfAm Psychological Perspectives	4.0
PSY 319	Drugs & Behavior	4.0
PSY 335	Teaching Assistantship in Psychology	1.0 - 4.0
PSY 370	Seminar in Contemporary Issues	4.0
PSY 373	Psychology of Aging	4.0
PSY 375	Independent Study in Psychology	1.0 - 4.0
PSY 399	Internship	4.0 - 12.0
PSY 434	Tests and Measurements	4.0
PSY 456	Behavior Modification	4.0

## SOCIOLOGY AND SOCIAL WORK DEPARTMENT

**Professors:** Purnima Bhatt, Joy Swanson Ernst, Roger Reitman, Kerry Strand

**Associate Professors:** Laura Moore (chair), Jolene Sanders, Lynda Sowbel

The department offers two majors—sociology and social work—and minors in sociology, criminology and delinquency, pre-professional practice in social work and social science research. In addition, courses are offered in anthropology.

**Facilities:** Facilities include a library collection, the Center for Social Science Research and a computer lab.

### Programs Offered:

- Sociology Major (B.A.) (p. 96)
- Social Work Major (B.A.) (p. 96)
- Criminology and Delinquency Minor (p. 50)
- Pre-professional Practice in Social Work Minor (p. 57)
- Social Science Research Minor (p. 56)
- Sociology Minor (p. 57)

## SOCIOLOGY MAJOR, B.A.

Sociology is the study of social life and the social forces that shape human experience. Students who major in sociology are prepared for a wide range of careers in areas such as social action, social research, human services and administration in government agencies, schools, businesses, nonprofit organizations and social agencies. Many sociology majors continue their education and pursue professions such as city and community planning, research, politics, social policy, administration, criminology, law, social work and higher education.

The sociology major provides a strong foundation in sociological theory and research skills. Students also may take elective courses in a variety of more specialized subjects, such as social problems, gender, social inequality, ethnicity and criminology.

Many sociology majors undertake an internship or independent study as part of their program. Students have received credit for internships in government agencies, courts, law firms, political campaigns, women's organizations, school systems, group homes for delinquents, research firms and health care agencies. Internships are individually arranged for students with specialized interests and career plans.

### REQUIREMENTS FOR THE MAJOR

The sociology major requires a minimum of 33 credits in sociology. Additionally, students must earn at least a C- in Sociology 260 and Sociology 261 to continue in the major.

#### The following sociology courses are required:

SOC 101	Principles of Sociology	4.0
SOC 259	Sociological Theory	4.0
SOC 260	Methods of Social Research	4.0
SOC 261	Quantitative Methods for Social Sciences	4.0
SOC 470	Seminar in Sociology	3.0
SOC 482	Practicum in Social Research	4.0

#### Choose at least two from the following:

SOC 300	Social Inequality	4.0
SOC 311	Sociology of Gender	4.0
SOC 318	Global Social Problems	4.0
SOC 323	Ethnicity in the United States	4.0

#### Choose at least two from the following:

SOC 320A	Skills Wkshp: Career Prep/Soc Students	1.0
SOC 320B	Skills Workshop: Grant Proposals	1.0
SOC 320C	Skills Workshop: Evaluation Research	1.0

## SOCIAL WORK MAJOR, B.A.

**Director:** Joy Swanson Ernst

The social work program is accredited for undergraduate social work education by the Council on Social Work Education. The social work major, based on a foundation in the liberal arts, provides professional preparation for employment in social work, social services and other fields of human service. Graduates are prepared for generalist social work practice, useful in a variety of practice settings, including child welfare, corrections, services to older adults, community organization, mental health, family services and health services.

Beyond the liberal arts core, students majoring in social work must complete courses in human behavior and the social environment, social research, social policy and social service institutions and social work methods. Particularly important is the field practicum during senior year, where students apply social work theories of practice and research in one of a variety of settings. Specific practice settings vary each year, but may include child welfare or adult care in county departments of social service, corrections settings, school-based services for middle school and high school age youth, long term care facilities, assisted living centers and mental health services. The choice of field setting is tailored to interests and learning needs of individual students. Many social work majors choose to minor in criminology and delinquency or in gerontology, and field and volunteer experiences in related settings allow students to explore their individual interests. Often the field experience leads to

employment upon graduation. In addition, successful completion of the undergraduate degree may result in advanced standing for graduate social work studies.

The College does not award credit through portfolio evaluation for social work courses. The program actively subscribes to Hood's policies regarding nondiscrimination in employment and student admissions.

### REQUIREMENTS FOR THE MAJOR

The social work major requires foundation courses from a number of different liberal arts disciplines plus specialized social work courses, including one elective in social work and one from the list of recommended electives in a social or behavioral science. Many of the foundation courses meet Core Curriculum requirements. (Note: Social work students must gain an understanding of biological development across the life span. At Hood, this requirement is fulfilled with BIOL 138. Coursework completed at other colleges will satisfy this requirement only if exclusively devoted to human biology.)

A grade of "C-" or above is required in all courses with a SOWK prefix and in SOC 260 and SOC 261.

#### Foundation Courses

BIOL 138	The Human Health Mosaic	3.0
ECON 205	Princ of Macroeconomics or	3.0
SOC 300	Social Inequality	4.0
SOC 101	Principles of Sociology	4.0
SOC 215	Social Problems	4.0
SOC 260	Methods of Social Research	4.0
SOC 261	Quantitative Methods for Social Sciences	4.0

#### Social Work Courses

SOWK 201	Intro to SoWk & the Human Services	4.0
SOWK 301	Social Policy Human Service Program	4.0
SOWK 342	Social Work Methods I	4.0
SOWK 345	Human Lifecycle & the Social Environment	4.0
SOWK 442	Social Work Methods II	4.0
SOWK 445A	SoWk Field Practicum	4.0
SOWK 445B	SoWk Field Seminar	2.0
SOWK 446A	SoWk Field Practicum	4.0
SOWK 446B	SoWk Field Seminar	2.0
SOWK 452	Seminar: The Social Work Profession	3.0

#### Social Work Electives: Select one.

SOWK 214	Child Welfare Policies & Services	3.0
SOSW 217	Juvenile Delinquency & Juvenile Justice	3.0
SOWK 302	Forensic Social Work	3.0
SOSW 312	Addictions	3.0
SOWK 327	Gerontological SoWk:Policy/Practice	3.0
SOWK 330	Social Work with Families	3.0
SOWK 333	The Fields of Social Service	3.0

#### Recommended Electives: Select one.

ANTH 201	Introduction to Anthropology	4.0
PSY 204	Psychology of Death	4.0
PSY 208	Psychology of Adolescence	4.0
PYSO 221	Social Gerontology	4.0
PSY 239	Developmental Psychology	4.0

PSY 373	Psychology of Aging	4.0
PSY 431	Abnormal Psychology	4.0
SOC 216	Criminology	4.0
SOC 300	Social Inequality	4.0
SOC 311	Sociology of Gender	4.0
SOC 318	Global Social Problems	4.0
SOC 323	Ethnicity in the United States	4.0
SOC 353	Deviance and Social Control	3.0

SOC 300: (if not taken to fulfill a foundation course for the major)

### SCREENING FOR SOCIAL WORK MAJOR

Students wishing to major in social work must apply for and be accepted into the program in order to formally declare the major. Each spring, assessment of student qualifications is conducted by the social work faculty and members of the program's advisory committee. Each student must have completed SOWK 201 with a grade of "C+" or better and have an overall minimum G.P.A. of at least 2.5. Students are evaluated on the basis of their emotional maturity and stability, as evidenced by a personal statement, an in-person interview and an evaluation by a supervisor for the volunteer experience (required for SOWK 201). Students who do not wish to major in social work or who are not accepted into the program may choose the minor, pre-professional practice in social work.

# GRADUATE STUDIES

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The Hood College Graduate School offers master's, certificate, and certification programs designed to equip graduate students with the deep intellectual understanding and applied, real-world competencies needed for today's competitive job market.

## Meaningful Master's Programs to Advance Your Career

The Graduate School at Hood College offers master's, certificate, and certification programs that reflect the job requirements of the region's top employers. All are specifically designed to equip you with both deep intellectual understanding and the applied, real-world competencies you need to increase your career marketability.

**Learn while you work**, thanks to classes conveniently scheduled in the evenings and on occasional weekends. Hood's Graduate School programs further emphasize relevance by providing opportunities for you to incorporate course work into your work day. Conversely, you are encouraged to bring your professional experiences into the classroom for discussion and problem-solving.

**Excellent teaching** is the key to an outstanding education. Hood's faculty are selected for their knowledge of and experience in the discipline they teach and, equally important, their exceptional teaching skills. Most are involved in independent research. Many are scientists, researchers, business leaders, educators and policy leaders from companies and organizations in the region. All are gifted at sharing their passion and proven expertise in a way that inspires, motivates and prepares students for success in the contemporary workplace.

**Small classes** and an emphasis on collaboration stimulate dynamic exchange of ideas and information. There are no large lecture halls at Hood. Professors know you by name, not by number. Individual attention—even after you have graduated—is a hallmark of the Graduate School.

**Internships, labs, and linkages** to business and industry enable you to gain practical experience and forge valuable connections beyond the classroom. The Graduate School has close ties to an exceptional network of world-class research and development, life science, biomedical, information technology, aerospace, engineering, and other cutting-edge industries and government institutions. Education programs put theory directly into practice in the area's K-12 environment.

**The graduate program you want is at Hood.**

## GRADUATE ADMISSION

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### ENTRANCE CRITERIA

To be considered for admission to graduate study, the applicant must hold a bachelor's degree from a regionally accredited college or university with at least a 2.75 cumulative grade point average and meet specified program requirements in a discipline of study. Students whose cumulative grade point average falls between 2.5 and 2.7 may be considered for provisional admission. The program director will stipulate the conditions of provisional admission, which may include registration

in a specific course or courses, limiting the number of credits for enrollment and achieving a specified G.P.A. in this coursework.

Some programs have additional admission requirements. Please check for special requirements listed in the sections of this catalog describing the programs.

The Graduate School generally requires all students whose first language is not English, regardless of citizenship, to demonstrate English-language proficiency. This is demonstrated by the following:

- TOEFL (Test of English as a Foreign Language) score of 89 or higher on the internet-based scale or 231 or higher computer based scale
- IELTS (International English Language Testing System) score of 6.5 or higher.

Some programs may review applications for possible provisional admission with the following English language test scores. Applicants whose test scores fall below the minimum requirements for provisional admission are not admissible:

- TOEFL: 79-88
- IELTS: 5.5 or 6

Students may be admitted on a degree or non-degree basis. U.S. Immigration and Naturalization Service (INS) regulations require that students on F-1 visa status be admitted on a degree basis only.

## PROCEDURE FOR APPLYING

Students must apply online at [www.hood.edu/graduate](http://www.hood.edu/graduate). International students should refer to the International Student information below for additional instructions.

The applicant must provide one copy of their official transcript reflecting highest degree conferred sent directly to the Graduate School from the appropriate institutional registrar or from the student, provided that the official envelope remains sealed. Please see individual programs for individual additional application requirements and materials.

Student copies of transcripts will not be accepted. Students will not be permitted to begin coursework prior to the receipt of official transcripts.

To ensure timely review of applications and enrollment, students are encouraged to apply and submit all required supplemental documents by the following deadlines:

- July 15 for fall semester
- December 1 for spring semester
- May 1 for summer terms

Any applications submitted and completed after the deadlines for the term or semester of interest will be reviewed on a space- and time-available basis at the discretion of the program director.

All documents sent as part of the application for admission become the property of Hood College. Under no circumstance will they be duplicated, returned to the applicant or forwarded to any other college, university, individual or agency. These documents will not be available to any person who is not involved in the admission process, with the exception of the academic adviser. Copies of transcripts and other relevant academic information will be released to the academic adviser.

## Examination of Admission Folders

After the applicant has enrolled at Hood College, she or he may examine the contents of her or his admission folder in the presence of a College officer at a time and date arranged with the Graduate School.

This policy is in conformity with the amended Family Educational Rights and Privacy Act of 1974, known as the Buckley Amendment.

## International Students

International students requiring F-1 Visas must submit their admission material well in advance to the Graduate School. International students are encouraged to submit their application materials to the Graduate School before the official deadlines.:

- July 15 for fall semester
- December 1 for spring semester

Late applications will generally be deferred for review for the following semester.

The Graduate School generally requires all students whose first language is not English, regardless of citizenship, to demonstrate English-language proficiency by submitting an official score report from the Test of English as a Foreign Language (TOEFL) or International Language Testing System (IELTS). The Hood College school code for reporting purposes is 5296.

Language proficiency is demonstrated by the following:

- TOEFL (Test of English as a Foreign Language) score of 89 or higher on the internet-based scale or 231 or higher computer based scale
- IELTS (International English Language Testing System) score of 6.5 or higher. Some programs may review applications for possible provisional admission with the following English language test scores. Applicants whose test scores fall below the minimum requirements for provisional admission are not admissible:

- TOEFL: 79-88
- IELTS: 5.5 or 6

**Applicants whose test scores fall below the minimum requirements for provisional admission are not admissible.**

Any student who has completed a baccalaureate in the United States, United Kingdom, Canada, Australia, Ireland or New Zealand is waived from the English language testing requirement.

Students who earned a baccalaureate degree from another country must obtain a course-by-course evaluation of those transcripts by a certified organization. Hood College accepts evaluations from any member of the National Association for Credential Evaluation Services (NACES), [www.naces.org](http://www.naces.org). The evaluation results must be received by the Graduate School in a sealed envelope or emailed directly to Hood College Graduate School from the evaluating service.

All courses that are offered exclusively to graduate students are conducted during evening or weekend hours. International students with student visas must pursue nine (9) hours of credit each semester to be considered full-time graduate students. Graduate programs will normally be completed in two years of full-time study.

International applicants seeking F-1 visas must complete the application for I-20 after being admitted and before registering for coursework. As part of the I-20 application, students must arrange for financial support from their governments, from international organizations or from personal and family resources. We estimate the costs for one year of

graduate study at Hood College to be approximately \$22,000 in U.S. funds. This includes: tuition, fees, books, lodging, food, clothing, transportation and incidental expenses. There is a one-time I-20 processing fee of \$50, due upon receipt of the application for I-20. I-20 applications will not be processed until a fee is submitted. In addition, students requesting I-20 application processing in fewer than five (5) business days must remit a \$250 expedite fee at the time of request.

***Please note: All graduate students are responsible for all fees and living expenses. Hood College does not provide housing for graduate students. International students are encouraged to investigate and secure local housing before arriving in the United States.***

The Office of Multicultural Affairs assists with any personal, academic and/or practical concerns.

## Resident Aliens and Other Visa Statuses

Students who are not citizens of the United States will be required to submit a copy of their Resident Alien card or current visa before registering for any coursework.

## HOUSING

The College does not provide housing for graduate students. All graduate students must make arrangements for their own housing which is generally available in the area.

## VISITING GRADUATE STUDENTS

### Holding the Doctoral Degree

Persons holding the doctoral degree and wishing to take graduate courses as a non-degree-seeking or visiting student must follow the complete application and registration procedure. However, a letter from the student's employer acknowledging that the visiting student holds the doctoral degree and verifying the institution where the degree was conferred, will be accepted in lieu of transcripts as part of the application procedure. Those individuals who wish to pursue a master's degree or certificate program must submit official transcripts.

### Enrolled at Other Graduate Institutions

Some students who are enrolled at other graduate institutions may wish to take one or more graduate courses at Hood College. Those students must follow the complete application and registration procedure as a non-degree-seeking student.

## GRADUATE TUITION AND FINANCIAL ARRANGEMENTS

### TUITION, FEES AND OTHER CHARGES

#### 2014-2015 Academic Year

Tuition: \$420 per credit hour; \$460 per credit hour for MBA students; \$430 per credit hour for Biomedical Science, Computer Science, Information Technology, Management of Information Technology, Regulatory Compliance and Cybersecurity

Audit Fee: \$210 per credit hour

Comprehensive fee per semester: \$100

Comprehensive fee per term (winter, summer I, summer II): \$65

Refer to *Tuition and Fees* at [www.hood.edu/accounting](http://www.hood.edu/accounting) for future pricing information.

## SCHOLARSHIPS AND AWARDS

### Graduate School Scholarships

The Afghan Women Scholarship Fund\*

The Association of Medical Diagnostics Manufacturers Scholarship

The Ceramic Arts & Technology Scholarship

\*Not currently available for award

### Graduate School Awards

The Carlo and Valerie Bagni Outstanding Biomedical Science Student Award

The Bryce Blackwood Beau-champ '84, M.S. '87, M.B.A. '06 Outstanding Computer Science Student Award

The Antoinette Border '04, M.S. '09 Outstanding Mathematics Education Student Award

The Dr. Dana G. Cable Outstanding Thanatology Student Award

The Gary Corsar M.S. '09 Outstanding Information Technology Student Award

The Crespi-Hobby Outstanding Ceramic Arts Student Award

The Frederick W. and Lenora F. Dietzel M.B.A. Student Award

The Dr. Keith R. Harris M.S. '99 Outstanding Educational Leadership Student Award

The Virginia Wheeler Jones '66, M.A. '88 Outstanding Reading Specialization Student Award

The Craig D. Lebo M.A. '84 Outstanding Human Sciences Student Award

The Amy Kaufman MacLeod '08, M.B.A. '11 Outstanding M.B.A. Student Award

The Donna Mowry '98, M.A. '07 Thanatology Award

The Jenny E. Nunn M.S. '06, C '00 Outstanding Curriculum and Instruction Student Award

The Christopher H. Smith M.S. '95 Outstanding Environmental Biology Student Award

The Lisa Ann Sullivan M.A. '04 Outstanding Humanities Student Award

The Stephen R. White Outstanding Management of Information Technology Student Award

## TUITION PAYMENT METHODS

Payment of tuition, fees and other charges is due generally one week before the start of the fall and spring semesters and by the first day of class for the summer terms. Students registering after the deadline must make payment at the time of registration. Students may pay their tuition using the Monthly Payment Plan. Information on this option can be found at [www.hood.edu/paymentplan](http://www.hood.edu/paymentplan) or by calling the Accounting Office at 301-696-3609. Any unpaid balance remaining after classes begin for the semester will be subject to a late fee. Account balances will prohibit the release of grade reports, transcripts and diplomas, as well as registration for future semesters. The Accounting Office can be reached at 301-696-3607 or [accounting@hood.edu](mailto:accounting@hood.edu).

## Referral to Collection Agency

By registering for classes, the student agrees that in the event the student becomes delinquent or defaults in paying charges due to Hood College, the student agrees to reimburse Hood College the fees of any collection agency, which may be based on a percentage at a maximum of 33 1/3% of the debt, and all cost and expenses, including reasonable attorney's fees, Hood College incurs in such collection efforts.

## Family Tuition Plan

Please see *Undergraduate Tuition and Financial Aid, Family Tuition Plan* (p. 29) for information on the Family Tuition Plan.

## FINANCIAL AID

Information regarding student loans is available from the Office of Financial Aid, located on the third floor of the Joseph Henry Apple Academic Resource Center, and they can be reached by phone at 301-696-3411 or by email at [finaid@hood.edu](mailto:finaid@hood.edu). In order to be eligible for federal loans, a student must be accepted for enrollment in a degree program, take a minimum of 3 credits each semester and be making normal progress toward a degree from Hood as described below. To apply for a federal loan, a student must complete both a Free Application for Federal Student Aid (FAFSA) and the Hood Graduate Financial Aid Application.

International students, although not eligible for federal loans, may apply for loan assistance from private educational loan programs if they have a credit-worthy cosigner who is a U.S. citizen or permanent resident. Additional information can be obtained by contacting the Office of Financial Aid.

Some programs offer Graduate Assistant positions to support graduate students and needs of the department. Graduate Assistant positions will be posted with other current job openings online at [www.hood.edu](http://www.hood.edu). Students can also inquire about this possibility with the appropriate program director.

## Satisfactory Academic Progress (SAP)

Students are expected to maintain a record of academic achievement that will enable them to graduate in a reasonable time period. Graduate students receiving financial aid at Hood College of any type (federal, state, institutional and outside scholarships and grants) must demonstrate both qualitatively and quantitatively the ability to do satisfactory academic work and to progress measurably toward a degree. This is in addition to any renewal criteria required for specific state, institutional or other outside awards.

Federal regulations require the Financial Aid Office to monitor students' (undergraduate and graduate) academic progress at the end of each academic year. This is to ensure that students receiving funds are successfully progressing through their program of study. At the end of the spring semester of each academic year, the Financial Aid Office evaluates the academic progress of each student receiving financial aid according to the standards set forth below by the College. This evaluation determines a student's eligibility to receive financial assistance in the next academic year. In addition, at the end of both the fall and spring semesters, the registrar reviews the qualitative academic progress of all degree-seeking students to determine the eligibility for continued enrollment at Hood College.

Graduate programs range from 30 to 36 credits with most programs at the 36-credit level, and a 3.00 cumulative average is required to complete

the degree. Students are considered to be making satisfactory progress toward degree completion for financial aid purposes by adhering to the schedule outlined below.

SEMESTER COMPLETED	CREDITS EARNED	CUMULATIVE G.P.A.
First/Second	12	2.75
Third/Fourth	24	3.00
Fifth/Sixth	36	3.00

Some students may not complete the degree in three calendar years, but the number of credits earned determine the year of standing. Also, these standards may not coincide exactly with the Graduate School and the registrar's standards. The time-frame allowed for the completion of a degree can be much longer, but it is divided into academic year increments for financial aid according to the schedule above.

The maximum time frame in which a graduate student is expected to complete their degree is 150 percent of the published length of the program measured in academic credits. Students will become ineligible for any type of financial aid if the maximum timeframe for completion is not met. For example, if a published length of a graduate academic program is 36 credit hours; the maximum period must not exceed 54 (36 × 150%) attempted credit hours.

### Additional Degree / Dual Degree

The maximum time frame in which a student is expected to complete their degree is 150 percent of the published length of the program measured in academic credits for a student pursuing an additional degree or enrolled in a dual degree program.

### Transfer Credits

Transfer credits and/or credits for prior learning given at the time of enrollment will be counted in the total number of credits attempted. During the course of enrollment, a student may transfer credits earned at outside institutions, however, the credits will apply only for meeting the maximum timeframe standard.

### Treatment of W, INC, AU, F, S and U Grades and Repeated Coursework

- Course withdrawals (W) after the drop/add period are not included in the G.P.A. calculation, but are considered a noncompletion of attempted coursework.
- Incomplete (INC) grades are not included in the G.P.A. calculation but are considered a noncompletion of attempted coursework until the incomplete grade is replaced with a permanent grade and academic progress can be reevaluated.
- An audit (AU) grade is not considered attempted coursework. It is not included in the G.P.A. calculation or completion rate determination.
- A satisfactory (S) grade is treated as attempted credits earned, but it is not included in the G.P.A. calculation.
- An unsatisfactory (U) grade is treated as attempted credits that are not earned, but it is not included in the G.P.A. calculation.

- A failing grade (F) is treated as attempted credits not earned; it will be included in the calculation of the G.P.A. and the minimum completion rate.
- All grades earned for a repeated course will be included in the calculation of the G.P.A. and every repeated attempt will be included in the completion rate determination.

### Financial Aid Suspension

Students are placed on financial aid suspension if they do not meet one or both of the SAP standards. Students that are failing to make satisfactory academic progress and who successfully appeals will be placed on financial aid probation. Students placed in this status may continue to receive financial aid for one semester but are expected to improve their academic standing (CGPA) and/or maximum timeframe progress so that the standards of SAP are met by the end of the following semester.

### Financial Aid Probation

If at the end of the probationary period the student still does not meet the standards set forth in this policy, eligibility to receive financial aid of any type will be suspended. Students who fail to meet the maximum timeframe towards completion of their degree within 150 percent of their attempted credits will have their financial aid canceled.

### Reinstatement of Aid after Probation Appeal is Approved

Reinstatement of financial aid after a student is placed on probation is achieved as follows:

- The student submits a written letter of appeal in accordance with the appeals process and the Financial Aid Appeals Committee grants the appeal. The student is placed on financial aid probation for one semester and is allowed to maintain their aid eligibility. SAP will be reviewed at the end of that semester; or
- The student attends Hood College during the suspension semester, pays for tuition and fees without the help of student aid and does well enough in the coursework to satisfy all the satisfactory academic progress standards. The student must notify the Office of Financial Aid if they are planning to attend Hood College without the assistance of financial aid; or
- The student may attend summer school to eliminate the deficiency in credits or G.P.A. The student must notify the Office of Financial Aid if they are planning to take classes during the summer to eliminate the deficiency. Students cannot take classes at another institution to resolve a G.P.A. deficiency. Classes must be taken at Hood College.

A student whose eligibility has been suspended may regain eligibility at the end of any term after which they meet the above criteria.

Students who have been placed on suspension cannot skip a semester and regain eligibility. No financial aid will be disbursed during subsequent semesters for students on suspension.

### Appeals Process

Appeals of financial aid suspension must be made in writing to the director of financial aid by the date specified in the Financial Aid Suspension notification letter.

The appeal letter must address the extenuating circumstance(s) why satisfactory academic progress was not made, why the extenuating circumstance(s) has changed, as well as an outlined plan of corrective action for future academic success. The appeal must explain why the

student failed to meet satisfactory academic progress and what has changed in the situation that will allow him to make satisfactory progress at the next evaluation. Extenuating circumstances can include, but is not limited to, illness or injury; death of a family member; family difficulties; interpersonal problems with friends, roommate, significant others; difficulty balancing work, athletics, family responsibility; or financial difficulties.

The director of financial aid will review the appeal and notify the student in writing within 10 working days whether the appeal has been accepted or denied. If the appeal has been accepted, the letter to the student will detail the academic plan of corrective action as well as require the approval of the student's academic adviser. All decisions made by the director of financial aid are final and will not be subject to further review.

### **Veterans' Educational Benefits**

Hood College serves as a liaison and informational resource to veterans by providing Veterans Administration forms and certifying eligibility status, and is a Yellow Ribbon participating institution. To initiate or continue benefits, veterans must contact the Registrar's Office, 301-696-3616, at the beginning of each semester to complete the required paperwork, in compliance with the policies and procedures established by the registrar and the Veterans Administration. Information and application forms may be obtained from the Registrar's Office located on the second floor of the Joseph Henry Apple Academic Resource Center.

## **GRADUATE RESOURCES**

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### **BENEFICIAL-HODSON LIBRARY AND INFORMATION TECHNOLOGY CENTER**

Please see *A Hood Education, Academic Resources* (p. 9) for information on the Beneficial-Hodson Library and Information Technology Center.

### **ACADEMIC COMPUTING**

Please see *A Hood Education, Academic Resources* (p. 9) for information on Academic Computing.

### **BOOKSTORE**

Please see *A Hood Education, Academic Resources* (p. 9) for information on the on the Bookstore.

### **CAREER CENTER**

Graduate students are welcomed and encouraged to utilize the wide range of free services and resources available in the Catherine Filene Shouse Career Center. The center offers evening hours, individual career counseling, computer stations, workshops, a large career library, job fairs, networking events and numerous resources on career-related topics. Contact the Career Center at 301-696-3583 or [careers@hood.edu](mailto:careers@hood.edu) for more information.

### **EXTRACURRICULAR ACTIVITIES**

In addition to the academic facilities, graduate students also have access during their enrollment to the dining hall, Whitaker Campus Center and recreation facilities that include the Huntsinger Aquatic Center Outdoor Pool, a weight room, an aerobics room, a dance studio, a gymnasium and

tennis courts. A current student ID may be required for some of these activities.

Hood College sponsors a number of cultural events, speakers and other activities. Graduate students are encouraged to take advantage of these extracurricular activities.

### **WHITAKER CAMPUS CENTER**

Please see *A Hood Education, Academic Resources* (p. 9) for information on the Whitaker Campus Center.

## **GRADUATE ACADEMIC POLICIES**

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Policies and procedures for graduate studies at Hood College are intended to safeguard the integrity of the degree granted, to facilitate the student's progress toward the degree and to prevent delays and misunderstandings.

The student is responsible for being thoroughly familiar with all policies and procedures as well as the requirements of the degree program. This catalog should be consulted regularly. Students who have questions about requirements or procedures should consult their adviser or the Graduate School.

### **ACADEMIC STANDARDS**

#### **Academic Conduct**

The Graduate School strives to maintain and enforce the highest standards of academic integrity. Accordingly, plagiarism and other forms of academic dishonesty are unacceptable and will result in disciplinary action. By accepting admission to the Graduate School, a student has also accepted to be governed by the stated regulations of academic conduct, and indicates a willingness to accept disciplinary action, if behavior is deemed to be in violation of those rules or in some way unacceptable or detrimental to Hood College. Professed ignorance of what constitutes academic dishonesty does not excuse violations of these regulations.

All Hood College graduate students are expected to comply with the following rules of academic conduct.

#### **Examinations, Tests and Quizzes**

During examinations, tests, quizzes, comprehensive examinations or other classroom work, no student shall give or receive aid in any way or form not authorized by the instructor.

#### **Papers, Essays, Oral Presentations and Theses**

Presenting oral or written work that is not the student's own (except as the instructor specifically approves) is dishonest. Any direct statement taken from other sources must be documented. Sources of information and of ideas or opinions not the student's own must be clearly indicated. Instructors may prescribe limitations on the sources to be used.

#### **Projects and Reports**

Unless otherwise directed, each student must do her or his own work, experiments, drawings and so forth, from her or his own observations. Students may work together provided that each member of the group understands the work being done, and provided that the instructor does not prohibit group work.

## Violations of Academic Conduct

When an instructor has evidence that a graduate student is not in compliance with these expectations, it is the obligation of the instructor to bring it to the attention of the student and to evaluate the specific work as a zero. That zero is to be calculated into the final course grade.

Instructors also reserve the right to assign a final course grade of “F” to a student for cases of academic dishonesty.

Students may appeal the action of the instructor by written petition to the Graduate Council through the dean of the Graduate School. The Graduate Council will investigate the appeal and render a decision, though this decision may be appealed to the dean of the Graduate School.

In perceived cases of extreme academic dishonesty, an instructor or program director may request a review by the Graduate Council. The Graduate Council will hear statements from the instructor and/or program director, and then from the student under review. If, after hearing both sides of the case, the Graduate Council finds the student to be in extreme violation of the Academic Conduct code, they will recommend dismissal from the program. The final decision will rest with the Graduate Council, though the student may appeal the decision to the dean of the Graduate School.

## Academic Standing and Warning

A student whose cumulative grade point average (G.P.A.) is 3.0 or higher is in good academic standing, which is required for graduation. If a student’s G.P.A. drops below 3.0, he or she will be placed on academic warning. The G.P.A. must be restored to 3.0 within 9 credits completed from the term in which the G.P.A. fell below 3.0. The 3.0 average may be restored by repeating courses or by taking additional courses. There are no limitations to the number of times a student can fall below 3.0 and restore his or her G.P.A. However, no more than 3 courses (9 credits) beyond those required for the degree can be used to raise the G.P.A. and all requirements for the program must be completed within the time limitation policy.

## Academic Dismissal

A student on academic warning who does not restore the G.P.A. to 3.0 as required will be dismissed from the College for academic reasons. A student who has been found by the Graduate Council to be in extreme violation of the Graduate School’s regulations of academic conduct will be dismissed from the program and from the College (see *Violations of Academic Conduct* (p. 103)). Students who are dismissed from the College may not enroll in another graduate program or as a non-degree-seeking student. A student may appeal academic dismissal as outlined in *Exceptions to Academic Policies, Regulations or Requirements* (p. 103).

## CHANGING FROM NON-DEGREE TO DEGREE STATUS

A student who wishes to change from non-degree status to a degree program must inform the Graduate School Office, in writing, of this intent. The student must submit any additional documents required of the specific program of interest and have his or her file reviewed by the program director. Admission as a non-degree student does not guarantee admission to a degree program. A maximum of 12 credits taken by a non-degree student may apply to a degree program.

## CHANGING FROM ONE DEGREE PROGRAM TO ANOTHER

A student who wishes to transfer from one degree program to another must submit a written request to the Graduate School, which will consult with the appropriate department(s) before rendering any decisions. Credits earned in the original program may apply to the new program if, in the opinion of the dean, they are appropriate to the new degree. Academic performance in any and all graduate coursework will be considered in appeals to transfer between degree programs. Students who have failed to earn a degree after attempting a comprehensive examination twice—or after failing to complete satisfactorily a field work project, software project or thesis—may not transfer credits earned in that program to another degree program.

## SECOND MASTER’S DEGREE

A student who has earned one master’s degree from Hood College may earn a second master’s degree upon satisfactory completion of the program requirements in a second graduate degree program. Up to six hours of graduate credit may be applied from the first master’s degree program to the second one. Courses eligible for transfer must have been completed no earlier than five years from the start of the Hood graduate program. The seven-year time limit will begin with enrollment in the first new course of the second graduate program. All other academic requirements will apply to the second program except that the second major or concentration must be different from the first major or concentration. Students planning to pursue a second degree must notify the Graduate School in writing of their intent.

## ENROLLMENT IN TWO MASTER’S DEGREE PROGRAMS

Graduate students may enroll in and pursue two master’s degree programs simultaneously. In order to apply to a second degree program, the student must submit a request in writing to the Graduate School, which will then consult with the student’s current adviser and director of the second degree program. After consultation and review of the student’s transcripts, a decision will be rendered. The final decision of acceptance or denial resides with the Director of Graduate Admissions.

### The following guidelines apply to students pursuing two master’s degree programs simultaneously:

- The student must maintain a cumulative graduate G.P.A. of 3.0 in each degree program. Dismissal from one degree program does not necessarily result in dismissal from the second degree program.
- The student must successfully complete a minimum of 9 credits in his or her first degree program before requesting acceptance into a second master’s degree program.
- Up to six hours of graduate credit may be applied from the first master’s degree program to the second one. If programs share additional course requirements, the student may be waived from completing the course in the second degree program but will have to replace the course with an appropriate course subject to the approval of the student’s adviser and program director.
- Degree completion will be calculated and handled separately for each degree program. All processes must be addressed separately for each program. This includes time limits and petitions to graduate.

- Pursuit of two master's degree programs will not be considered a justifiable excuse for requesting an extension of the time limit for degree completion in any one program.
- The student's transcript will note both degree programs.
- Academic and financial holds apply to the student and not the degree program. For example, a financial hold placed on a student's records as a result of a payment issue for a course in one degree program can prevent the student from pursuing courses in the second degree program.
- A student may not pursue more than two graduate degree programs simultaneously.

## DEGREE REQUIREMENTS

Faculty advisers, the program director, the dean of the Graduate School and the staff are available to assist students. Procedures have been set up to check progress toward the degree. It is the student's responsibility, however, to know the requirements for her or his degree and to fulfill them. It is also the student's responsibility to request approval for any course substitutions from their academic adviser or program director prior to enrollment. Failure to receive approval for course substitutions prior to enrollment may result in a delay in program completion. It is the student's responsibility to be thoroughly familiar with the academic policies and procedures, as outlined in this catalog.

## ACADEMIC ADVISEMENT

Each degree-seeking student is assigned to an adviser who: 1) advises and approves course registrations, 2) assists the student in developing a concentration, and 3) in some instances, supervises thesis, capstone or field work if such an option is selected.

## COMPREHENSIVE EXAMINATIONS

Comprehensive examinations are built upon the content of the graduate courses taken as components of a graduate program and upon courses for which a waiver or exemption has been granted. A student may not be examined in an area where transfer credit has been awarded. While many or most of the examination questions may deal with specific subject content, some may require the student to draw together several concepts in order to demonstrate an understanding of interrelated ideas.

### The following procedures apply to the comprehensive examination:

- **Notification of Intention.** The student must complete the form entitled Notification of Intent to Take the Comprehensive Examination, secure the signature of the adviser and submit the form to the Graduate School, in accordance with the published deadline. No examination will be assembled unless the form is on file with the Graduate School. The form is available online at [www.hood.edu/graduate](http://www.hood.edu/graduate). Only students who are in good standing (maintaining a 3.0 cumulative grade point average) may take the comprehensive examination. The form is available online at [www.hood.edu/graduate](http://www.hood.edu/graduate).

Students who require special services, equipment or seating arrangements because of a disability or pregnancy, need to contact the Graduate School Office at 301-696-3600 or via email at [hoodgrad@hood.edu](mailto:hoodgrad@hood.edu). Accommodations will be made for persons having documented disabilities by the disability services coordinator.

- **The Questions.** Comprehensive examination questions are written by the instructor of each course.
- **Assembling the Examination.** In consultation with the student, the adviser, or the program director prepares the comprehensive examination. Ordinarily, the test questions are drawn from one department. Occasionally, questions are drawn from several departments and appropriate department chairs are expected to assist the advisers in obtaining questions. The examination is presented to the Graduate School at least two weeks in advance of the scheduled examination. Comprehensive examination envelopes are assembled for each student. Identifying information and general instructions are on the envelope. The questions and specific directions are placed in each envelope.
- **Administration of the Examination.** Comprehensive examinations are administered four times each year; two days in April and two days in November. The exact dates of the examinations are published in the College calendar for each year. The place of administration of the comprehensive examination will be announced. Students will answer their examination by typing them using Hood College desktop computers in the examination room. Personal computers are not permitted.

The examination is administered and proctored by the staff of the Graduate School. The comprehensive exam is given in two parts, from 9 a.m. to noon and 1 to 4 p.m. The examinations begin at 9 a.m. promptly. All papers must be completed by 4 p.m. Students are expected to comply with the rules of academic conduct found under the *Academic Standards* (p. 102) section of the catalog.

Students who are unable to take a comprehensive examination on the scheduled date because of hardship may petition the adviser for a substitute date. If the adviser approves the petition, the student must contact the Graduate School to make arrangements for the administration of the examination and the substitute date. In all cases, if the student wishes to complete the examination within the same semester, the substitute date must occur on a weekday no more than 10 business days after the originally scheduled examination date. The Graduate School must be informed of any alternate plans.

- **Grading of the Examination and Reporting the Results.** The adviser or the department chair, with the assistance of the departmental instructors, arranges for grading of the examination. Where possible, the original writer of an examination question is called upon to grade that question. Questions are graded on a pass-fail basis. The adviser collects all the graded examination questions and, using departmental guidelines, grades the total examination as either pass or fail. Usually a student's total examination is graded pass when four of five questions for Human Sciences and three of four questions for Thanatology are graded pass. Ceramic Arts students must score at least an 80% on the written exam. Frequently two or three faculty members are called upon to read and assist with the evaluation.

Once the total examination is evaluated, it is the responsibility of the adviser to notify the student and the Graduate School regarding the results of the comprehensive examination. This notification must be in writing.

The process of examination evaluation and notification must be completed within 30 days following the administration of the examination.

- **Options for Students Who Have Failed the Comprehensive Examination.** Only one re-examination may be arranged. Re-examination occurs during the next semester following the initial comprehensive examination, excluding summer session. The student must file another Intent to Take the Comprehensive Examination and, in the case of Human Sciences and Thanatology, will only be re-tested on the questions he/she failed. In the case of Biomedical Science, the entire exam must be retaken. The student also confers with her or his adviser six weeks in advance of the re-examination. The student who has failed both the initial comprehensive examination and re-examination is not eligible for the master's degree, and has no further degree options.

If a student fails the comprehensive examination, the only option available to that student is re-examination. The thesis, field work or project option is not available to students who fail a comprehensive examination.

## FIELD WORK AND INDEPENDENT RESEARCH PROJECTS

Registration must be completed during the regular registration period. Students who elect the 6-credit project option will be registered and billed for all 6 credits in one semester. Credits will not be split over the course of multiple semesters.

The field work or research project is a culminating activity and therefore should follow all necessary work to assure adequate content and methodology. It is required in some degree programs and may be optional in others. Students may elect to do either a 3-credit or a 6-credit field work or research project. Students who elect to do a field work or research project must complete a Permission to Enroll form for course number 585, Master's Field Work Project, and submit a written proposal to be approved by the field work or research adviser or instructor, program director or department chair and the dean of the Graduate School. The 6-credit research project is similar to a master's thesis in structure, complexity, depth of study and rigor. The Graduate School will continue to re-register students each semester for the field work or research project as "IP" (In Progress) until a final grade is submitted. Students are responsible to pay the Graduate School comprehensive fee each fall and spring semester until the project is completed.

The 3-credit field work or research project is a disciplined application of theories and techniques learned during the master's study and applied in a field work setting with clearly defined learning objectives. It is graded Satisfactory (S) or Unsatisfactory (U). The grade is awarded by the field work or research adviser or instructor. (The dean of the Graduate School will review the report and verify the approval of the Reading Committee.)

The student is responsible for initiating either a 3- or 6-credit field work or research project proposal and for securing a field work or research adviser or instructor for the project, who will serve as the chair of the Reading Committee. The adviser and the student, in consultation, will identify two additional persons to serve on the Reading Committee.

The basic procedure established for the master's thesis should be followed for the 6-credit research project. The procedure for a well-structured independent study should be followed for the 3-credit field work or research project.

The final typed or printed copy of the field work or research project, with the signatures of the Reading Committee, must be delivered to the Graduate School by the student in accordance with the published

calendar. The Reading Committee will have reviewed the report for correctness of format, for content, for bibliography, etc. The final report associated with the 3-credit field work or research project, while meeting the requirements of quality and rigor expected at the master's level, is not required to be as extensive in bibliography citations and structure as the 6-credit research report.

The title of the report will also be noted in the student's file. The report will then be forwarded to the appropriate department chair or program director. By arrangement with the library, copies of the report from the 6-credit field work project must be bound.

A comprehensive examination or thesis option is not available to students who do not satisfactorily complete a field work or research project.

## MASTER'S THESIS

Registration must be completed during the regular registration period by submitting a signed copy of their thesis proposal to the Graduate School. Students will be registered and billed for all 6 credits in one semester. Credits will not be split over the course of multiple semesters.

A thesis is required in some degree programs and is an option in others. Before registering for course number 580, Master's Thesis Preparation, a preliminary thesis title and a written proposal must be completed. The proposal with the title page signed by the thesis adviser, program director and dean of the Graduate School must be submitted. For registration purposes, the Graduate School will complete a Permission to Enroll form to accompany the signed cover sheet. A copy of this form will be mailed to the student. The thesis preparation course is a 6-credit course and is graded Satisfactory (S) or Unsatisfactory (U). The grade is awarded by the thesis adviser. Final approval of the dean of the Graduate School is required for completion of the thesis project.

A detailed statement of regulations and guidelines concerning the master's thesis is available from the Graduate School or available on our website at [www.hood.edu/graduate](http://www.hood.edu/graduate) and should be consulted before a student enrolls for Master's Thesis Preparation.

A thesis is a 6-credit course; the charge for Master's Thesis Preparation is in accordance with the per credit tuition as indicated in the *Graduate Tuition and Financial Arrangements* (p. 99) section of this catalog. The Graduate School will continue to re-register students each semester for their Master's Thesis as "IP" (In Progress) until a final grade is submitted. Students are responsible for paying the Graduate School comprehensive fee each fall and spring semester until the project is completed.

A comprehensive examination or nonthesis option is not available to students who fail a thesis defense.

## Humanities Capstone (HUM 595) and Humanities Portfolio (HUM 594)

Registration for these courses must be completed during the regular registration period, by the drop/add date (see Academic Calendar) by submitting a completed and signed Permission to Enroll form and written proposal to the Graduate School. The written proposal will be reviewed by the MAHAC (Master of Arts in Humanities Advisory Committee). If the proposal is approved, the student will be registered for the course. If the written proposal is not approved, the student will be contacted by a member of MAHAC. A detailed statement of regulations and guidelines concerning the Humanities Capstone and the Humanities Portfolio is available from the Graduate School website at

www.hood.edu/graduate and should be consulted before a student enrolls in the Capstone or Portfolio course.

The Humanities Capstone and Portfolio are 4-credit courses, the charge for which is in accordance with the per credit tuition as indicated in the Graduate Tuition and Financial Arrangements section of this catalog. The Graduate School will continue to re-register students each semester for their Capstone or Portfolio as “IP” (In Progress) until a final grade is submitted. Students are responsible for paying the Graduate School comprehensive fee each fall and spring semester until the project is completed. Students will receive a letter grade upon completion of the Capstone or Portfolio.

### TIME LIMITS

All coursework and degree requirements must be met within seven years of enrolling in the first course at Hood College that applies towards the degree and/or certificate program. If a student enrolls in a different certificate or master’s program, and one or more of the courses from the first program will satisfy a requirement of the second program, the program director will evaluate the transcript to determine whether previously completed courses may count in the new program and how the seven-year time limit will be applied.

If you started during	Your time expires end of	If you started during	Your time expires end of
Spring 2008	Fall 2014	Spring 2013	Fall 2019
Fall 2008	Spring 2015	Fall 2013	Spring 2020
Spring 2009	Fall 2015	Spring 2014	Fall 2020
Fall 2009	Spring 2016	Fall 2014	Spring 2021
Spring 2010	Fall 2016	Spring 2015	Fall 2021
Fall 2010	Spring 2017	Fall 2015	Spring 2022
Spring 2011	Fall 2017	Spring 2016	Fall 2022
Fall 2011	Spring 2018	Fall 2016	Spring 2023
Spring 2012	Fall 2018	Spring 2017	Fall 2023
Fall 2012	Spring 2019	Fall 2017	Spring 2024

One summer term (Summer I or Summer II) may be added to the start or to the end without time penalty.

A student who will need time beyond the seven year time limit to complete his or her work may request such an extension through his or her adviser. The dean, on the recommendation of the student’s adviser and the program director, may grant an extension not to exceed one year. A student may request an extension exceeding one year by petitioning the Graduate Council (please refer to the section titled *Exceptions to Academic Policies, Regulations or Requirements* (p. 106)).

### TRANSFER OF CREDIT

A student wishing to transfer credit for prior graduate coursework to a Hood graduate program must submit a written request to the Graduate School. All requests for transfer credit will be reviewed by the program director and the dean of the Graduate School for content and relevance.

**Specific information regarding transfer credit includes:**

- Coursework must have been taken at the graduate level from an accredited institution;
- Student must submit a course description and/or syllabus for each course being requested for transfer credit;
- Student must submit an official transcript of coursework;
- Courses eligible for transfer must have been completed no earlier than five years from the start of the Hood graduate program;
- A maximum of 6 credits will be permitted for transfer (9 credits for students in the M.F.A. program in Ceramic Arts);
- No transfer of credit will be permitted for individual courses carrying fewer than two semester hours of credit. Credits earned on a pass/fail basis are not eligible for transfer.

Under certain circumstances, transfer credit for work completed elsewhere after enrollment at Hood College may be accepted. This transfer credit will not be allowed for work equivalent to courses offered at Hood, unless approved by the program director and Dean. Students should submit the course description and transfer request to the program director for approval. Once approved, the student may enroll in the course. Upon completion, the student should have official transcripts sent to the Graduate School Office so that the credits may be applied to their graduate transcript at Hood. Transfer credit does not apply toward the grade point average.

### CONFERRING OF DEGREES

Master degrees are awarded in January, May and September. Students graduating in January participate in the May commencement ceremony. Students completing the degree requirements in September participate in the May ceremony the following year. All graduating students who have petitioned to graduate with the Graduate School Office will receive full information about commencement in April. Attendance is not required of master’s candidates, but all are encouraged to participate. For further information, see the section on *Graduation* (p. 106) in this chapter.

### Graduation

Students must complete and submit to the Graduate School Office the Petition to Graduate form by the established deadlines posted to the College’s academic calendar, which is available online at www.hood.edu/graduate. To receive the Petition, students must have completed a minimum of 18 graduate credits toward their program requirements. The Petition form includes information for those planning to complete their degree requirements within a year’s time, and is available on our website at www.hood.edu/graduate

Students must submit their completed Petition forms to the Graduate School Office within the deadlines outlined in the Petition memo. A list of potential graduates for master’s degrees is submitted for faculty and trustee approval during their scheduled meetings. If a student petitions the Graduate School Office but does not complete the degree requirements on schedule, the student must resubmit the petition.

The College celebrates graduation in formal ceremonies in May. It is Hood’s policy that only those students who have fulfilled all academic requirements and have met all financial obligations to the College may participate in commencement. Diplomas issued for September and January graduates will be available for pickup by the student in the Graduate School Office or may be mailed to the student at his or her request. Commencement regalia may be purchased through the College bookstore.

## GENERAL POLICIES AND OPERATING PROCEDURES

### Campus Safety

The Office of Campus Safety is located on the mezzanine of the Apple Academic Resource Center, and can be reached by calling 301- 696-3569. To locate an officer on campus when the Security Office is closed, dial 0 for the College switchboard or stop by the Information Desk in the Whitaker Campus Center.

### Emergency Canceling of Classes

Many radio and television stations will announce the emergency canceling of Hood College classes. Closing will be announced in Frederick as well as in Hagerstown, Montgomery County and other locations. Courses taught at other locations are governed by the closing policy of the sponsoring agency. During inclement weather a recorded message may be heard by calling the College switchboard at 301-696-3131, option 9, by visiting our website, [www.hood.edu](http://www.hood.edu), or by subscribing to alerts through School's Out ([www.schoolsout.com](http://www.schoolsout.com)) or Hood Alert ([www.hood.edu/alert](http://www.hood.edu/alert)).

### Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act of 1974 (P.L. 93-380) extends to students the right of access to their education records maintained at the College. The provost, the dean of the Graduate School and the registrar maintain these records for enrolled and former students. Information and notification as to the type of record; the accessibility of and policies for maintaining, reviewing and expunging the record; and the procedures for inspecting, reviewing, obtaining copies of or challenging the record are established by the appropriate offices.

### Financial Obligations and Future Registrations

Grades, transcripts, future registrations and diplomas will be withheld and the student will not be graduated until all tuition, fees and other bills incurred at the College have been paid, and all library books returned.

### Interrupted Studies

Students who are away from the College for less than two years will be considered active students and will be maintained on mailing lists, etc. Students whose graduate studies are interrupted or discontinued for more than two years but less than seven years will be classified as inactive students; they will not be maintained on mailing lists. Inactive students may return to active status by registering for a graduate course. This policy does not alter the seven-year time limit required for the completion of a graduate degree at Hood College. All requirements for the degree at Hood must be met within seven years following the date of first enrollment. Students who do not complete their program of study within their seven-year time limit will be automatically withdrawn from the College. Please refer to the section on *Time Limits* (p. 106) for information regarding time extensions.

### Parking

Except where marked to the contrary, parking is permitted on a first-come, first-served basis on most lots on the campus. Parking permits are required for cars parked in campus lots and for students who choose to park in the Frederick Memorial Hospital parking garage. Vehicle registration forms can be completed through Self-Service and students can submit their receipt to the Office of Campus Safety or at the

Information Desk to obtain their pass. The registration fee will be added to the student's bill through the Accounting Office. Students who choose to park along the street will not be required to purchase a parking permit, but must adhere to parking signs and marked curbs.

### Religious Observance

Hood College recognizes individual student choice in observing religious holidays that occur during regularly scheduled classes. Students are responsible for work missed.

### Students with Disabilities

Hood College actively supports the rights of students with disabilities to have equal access to education. In accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Hood makes every reasonable effort to accommodate the needs of students with disabilities.

Students who have a disability are asked to notify the disabilities services coordinator as soon as possible. Early notification prevents delay in initiation of services and ensures the student full access to educational activities. The disabilities services coordinator and/or the medical staff, in consultation with the student, prepares a plan for services and forwards authorization for specified services (such as note taking and interpreting) to the appropriate offices on campus.

### Transcripts

***No transcript will be released if the student has not satisfied all financial obligations to the College.***

Hood College has authorized the National Student Clearinghouse to provide transcript ordering. This service provides 24 hour access, seven days a week; secure transactions; secure electronic transcript delivery worldwide; on-demand order tracking and updates emailed to the student; enables additional documents to be delivered with the transcript; and the ability to order multiple transcripts for multiple recipients in one order.

Current students may place transcript requests through Self-Service. Alumnae and former students may access the Clearinghouse through [www.getmytranscript.com](http://www.getmytranscript.com).

Normal requests are processed within 3-5 working days upon receipt of request. Rush transcripts are processed in 24 hours of the next working day at a charge.

### Use of Facilities

Graduate students may use the academic facilities of the College in a manner consistent with the requirements of the courses in which they are enrolled and only during hours when the academic phase of the College is in operation. Graduate students may use their Graduate Student Identification Cards to gain admission to the pool and fitness center.

## GRADING SYSTEM

Instructors in graduate programs are required to use the following uniform criteria in assigning grades to students:

### Grade Meaning

A	Excellent mastery of course content and excellent ability to apply course content concepts. The work displays initiative, independence and application. In some courses, originality may be required.
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B	Good mastery of course content and ability to apply course content concepts. Work shows good grasp of the significance, interrelatedness and uses of the material covered.
C	Minimal understanding and knowledge of course concepts.
F	Unsatisfactory understanding of basic facts and principles which constitute the course content. Work receives no academic credit.
S	Satisfactory performance on thesis, field work or software engineering projects.
U	Unsatisfactory performance on thesis or field work. Work receives no academic credit.
W	Withdrawal. This grade is assigned to students who withdraw after the drop/add period and according to withdrawal policy.
INC	Incomplete work
IP	In Progress
AU	This grade is assigned to students who audit courses.

### Plus and Minus Grades

Instructors may use plus (+) and minus (-) signs with grades to provide differentiation among students.

### Grade Points and Grade Point Averages

Each grade has a grade point value. A grade point average of 3.0 is required for graduation and for status as a degree candidate. Only prerequisite and required courses count in the G.P.A. requirement for graduation. A student whose G.P.A. is below 3.0 is dismissed for academic reasons.

Grade	Point Value	Grade	Point Value
A	4	C+	2.33
A-	3.67	C	2
B+	3.33	C-	1.67
B	3	F	0
B-	2.67	U	0

Grades of W and INC carry no point value and are not considered when calculating the G.P.A.

### Incompletes

An incomplete may not be granted unless a student has completed at least half of the work of the course with a passing grade or by permission of the program director. A grade of "INC" (incomplete) will be assigned when illness, emergency or unusual circumstances beyond the student's control prevent the student from completing the assigned coursework and/or examination(s) by the end of the semester or session.

A student who wishes to apply for a grade of "INC" must secure and complete, with the instructor, the Application for Incomplete Grade form. This form is available from the Graduate School Office or online at [www.hood.edu/graduate](http://www.hood.edu/graduate). The course instructor will identify the deadline date for completion of the work, the conditions under which the grade of "INC" will be removed and the consequences for failure to meet those conditions. The instructor, the student, and the program director must

sign the Application for Incomplete Grade form. The completed Application for Incomplete Grade form must be submitted to the Graduate School Office for approval by the Graduate School at the time of the agreement.

Any "INC" must be removed by the last day of the next calendar semester unless otherwise extended by written permission of the instructor.

### ACADEMIC SEMESTERS AND SESSIONS

The academic year at Hood contains a fall semester, a spring semester, a January term and two summer sessions. A calendar published in this catalog gives significant dates within the semesters and sessions.

### AUDITING

A student must register for the course to be audited. A student will not receive a grade or credit for an audited course and it will not affect the grade point average; however, the audit does appear on the transcript. New students who would like to audit a course(s) must complete the application process as a non-degree-seeking student.

Only lecture courses can be audited, with permission of the instructor, and are available as space permits. There is no limit on the number of courses a student may audit during a semester. A course that was previously audited may be taken for credit at a later time. Once the course begins, students who register to audit may not change their registration status to credit; however, they may withdraw. Students who register to receive credit for a course may change to audit only during the drop/add period of the semester or the first week of the summer session.

### COURSE CANCELLATION

The Graduate School reserves the right to cancel courses in which fewer than eight students are enrolled during the fall and spring semesters, and fewer than five students enrolled for summer terms. In the event that a course is canceled, full tuition will be reimbursed.

### DOUBLE-NUMBERED COURSES

Certain courses have been designated as appropriate for both graduate students and undergraduates. These "double-numbered courses" are identified by numbers in both the 400 and 500 range. Undergraduate students enroll in the 400-level course and receive undergraduate credit. Graduate students enroll in the 500-level course and receive graduate credit. Graduate students may have different performance standards from the undergraduates that relate to the quality and/or quantity of work required, and may also involve measures of grading at the discretion of individual faculty members. Students who took a double-numbered class at the 400 level as an undergraduate student may not take the same class at the 500 level as a graduate student for credit.

### EXEMPTION FROM COURSES

A student may request an exemption from taking any course offered. Exemptions are granted by the department that teaches the course for which an exemption is sought. To request an exemption, the student must present a written petition to the program director that offers courses in the field where the exemption is being sought. The petition should include the course number and title for which an exemption is being requested and the justification for the request. The action of the department regarding the request will be forwarded to the Graduate School, which will notify the student regarding the disposition of the request and make the necessary notations in the student's record.

Exemption does not constitute credit toward the degree. The total number of credits required for the degree program must be completed in order for the student to qualify for the degree.

## INDEPENDENT STUDY/RESEARCH

Most programs offer a course entitled Independent Study and numbered 575. These courses offer students an opportunity to undertake an individual project supervised by a faculty member. To be eligible for independent study, the student must identify a faculty member who is willing to supervise the independent study project. The College cannot guarantee that all students will be able to undertake an independent study.

To register for an independent study, the student must submit to the Graduate School a completed Permission to Enroll Form. The form requires a written proposal and signatures of the student, instructor, program director and the Graduate School. Registration must be completed during the regular registration period. This form is available from the Graduate School Office or online at [www.hood.edu/graduate](http://www.hood.edu/graduate).

The student and instructor must arrange a regular schedule for conferences and submission of work throughout the semester, including the date when the final paper is due.

A student may register for no more than 6 credits of independent study or independent research in any degree program. A student may register for 1, 2 or 3 credits of independent study during any semester or during the summer session.

## REGISTRATION AND ENROLLMENT

A student must be officially admitted and registered prior to attending any class session of any course. Courses and schedules of classes are announced well in advance of the beginning of each semester and summer session. Dates and hours when students may register and instructions for registering are available online at [www.hood.edu/graduate](http://www.hood.edu/graduate). Returning students are encouraged to register online using Self-Service. New students may register by submitting the online registration form via secure email submission, by mail, fax or in person. Students in the Biomedical Science and Humanities programs must have their registration forms signed by their adviser prior to submitting them to the Graduate School. Permission may also be emailed to the Graduate School at [hoodgrad@hood.edu](mailto:hoodgrad@hood.edu).

Students are responsible for seeing that they have met all appropriate prerequisites before registering for courses. Failure to meet course prerequisites places the student at risk and will not be considered as cause for a refund of tuition. Students who have not met prerequisites may not be eligible to register. Students who have been admitted to the Graduate School as non-degree seeking students may be required to seek permission from the appropriate instructor or program director in order to enroll. Because some courses may be closed due to heavy student enrollment, students are encouraged to register early. Students nearing the completion of their programs should register as early as possible to avoid facing closed classes. The regular registration period continues through the end of the first day of classes. The academic calendar lists the first day of classes for each semester.

## REPEATING COURSES

There are limited circumstances under which a graduate student may retake a course. A course may be repeated only once and no more than two courses can be repeated by a student within any single degree or

certificate program. The grade of W does not replace a previously awarded grade. When the course is repeated, the student receives the credits for the course (counted once). While both grades will remain on the transcript for historical purposes, only the higher of the two grades will be calculated in the cumulative G.P.A. A graduate student may repeat a course if more than seven years have lapsed or the course content is considered outdated. Grades for courses taken at other institutions may not be used to replace grades for courses completed at Hood. Courses taken for undergraduate credit may not be repeated for graduate degree credit.

## SCHEDULE CHANGES

Students may drop or add courses through the Graduate School from the time of registration through the end of the drop/add period. See the *Academic Calendar* (p. 3) for dates. A student may be added to a class once the semester begins, provided the class has not met more than once and with the written permission of the instructor. During the summer sessions, the substitution or addition of courses is limited to the first two days of classes. All schedule changes must be submitted in writing.

## STUDENT COURSE LOAD

To be considered full time, a graduate student must pursue 9 hours of credit each fall and spring semester. In gauging the amount of time required for study in preparation for classes, the Graduate Council recommends that three or more hours of study be reserved for each hour of class. This is a general recommendation and may vary depending upon the course and individual differences in each student's background.

A current graduate student may not enroll in more than 12 credits per term without written permission by the program director, academic adviser and dean. Permission may be granted after the program director, academic adviser and dean consider: the student's rationale for the request provided by the student in a brief, written statement which will be submitted to the graduate school office no later than two weeks before the start of the term in consideration; and achievement in courses completed at Hood College. The student will be notified of the decision no later than 7 days before the start of the term.

A student enrolling in her/his first term at Hood College may not register for more than 12 credits.

## WITHDRAWAL FROM CLASSES AND REFUNDS

Notification of withdrawal must be in writing and must indicate the course number and course title. Students are encouraged to withdraw by submitting the online withdrawal form via secure email submission. Students may also withdraw by sending an email to [hoodgrad@hood.edu](mailto:hoodgrad@hood.edu), by sending a fax or letter, or by coming to the Graduate School Office in person. If faxing or mailing a withdrawal, it is the student's responsibility to call to ensure receipt. Refunds will be given if the drop/withdrawal notice is received by the Graduate School before the first course meeting or within the drop/add period as defined by the academic calendar. **Refunds will not be granted for withdrawals received after the drop/add period.** Withdrawal notices received before the course begins or during the drop/add period will not appear on the student's transcript. Tuition refunds are based on the full tuition charge for the course. A grade of W (indicating withdrawal) will be noted on the student's transcript for withdrawals that occur after the drop/add period. This notation carries no academic penalty. A student who does not give

official notice of withdrawal will not be eligible for refunds and a grade of F (Unsatisfactory) will be recorded on the permanent record.

It is the responsibility of the student to notify the Graduate School Office in writing that she or he is withdrawing.

A graduate student may withdraw from a course by the withdrawal deadline as posted in the Academic Calendar (p. 3). After the deadline, a student may not withdraw from a course. Students enrolled in a 3-credit course that meets for two weekends during the semester may withdraw from such class by submitting an official, written withdrawal notification to the Graduate School Office before the second weekend meeting date. Withdrawals for 1-credit weekend courses are not accepted once the class has met.

The Office of Financial Aid is required to recalculate federal financial aid eligibility for students who withdraw. Up through 60 percent of the semester, a pro rata schedule is used to determine how much federal aid a student has earned at the time of withdrawal. The portion of unearned aid must be returned to the federal programs. When unearned aid is returned a student may owe the College additional funds.

**Failure to begin or ceasing to attend classes does not constitute official notice of withdrawal. It is the responsibility of the student to notify the Graduate School Office in writing of the student's desire to withdraw from a class.**

## WITHDRAWAL FROM HOOD COLLEGE

Students who wish to withdraw from the College must submit their withdrawal notice to the Graduate School in writing. The withdrawal notice should include the reason for the withdrawal and the effective date. Students may withdraw by sending an email to hoodgrad@hood.edu, by sending a fax or letter, or by coming to the Graduate School Office in person. If faxing or mailing a withdrawal, it is the student's responsibility to call to ensure receipt. Students who wish to re-enroll at the College after they have withdrawn must submit a petition for re-admission in writing to the Graduate School.

Students who do not complete their program of study within their seven-year time limit will be automatically withdrawn from the College. Please refer to the section on *Time Limits* (p. 106) for information regarding time extensions.

## EXCEPTIONS TO ACADEMIC POLICIES, REGULATIONS OR REQUIREMENTS

Exceptions to academic policies, regulations or requirements as stated in this catalog or elsewhere are rarely made. A student who believes an exception is justified may petition the Graduate Council. The petition should be addressed to the Council, in care of the dean of the Graduate School, and should state exactly what exception is being requested and the reasons for it. The degree-seeking student's faculty adviser must indicate her or his recommendation in writing; non-degree students should petition through the dean of the Graduate School. A student who is dismissed for academic reasons may petition the Graduate Council for re-admission. A student may not petition for re-admission more than twice.

Petitions are to be processed according to the following procedure:

- The petition must be forwarded by the petitioner to her or his academic adviser for review and written recommendation.

- In cases involving a thesis, computer project or field work project, the academic adviser will forward the petition to the thesis or project adviser.
- The reviewed petition will be forwarded by the adviser and/or thesis or project adviser to the program director with the recommendation.
- The program director will forward the signed and reviewed petition with the recommendation(s) to the dean of the Graduate School.

The student's petition should include the following information:

1. The specific exception being requested and the reason(s) for the request;
2. The expected date of graduation;
3. Any other pertinent information, such as transfer credits, thesis abstract, etc.;
4. All required signatures. Petitions are considered by the Graduate Council's Subcommittee on Student Petitions at regularly scheduled meetings. Petitions should be submitted well in advance of the scheduled meeting date. The student may appeal the outcome to the dean of the Graduate School.

## GRADE APPEAL

If a student receives a final grade in a course that she or he believes is incorrect or unfair, he or she may appeal that grade by following this procedure:

- Student must contact the faculty member involved, in writing, within 30 calendar days of the posting of the disputed grade. The grade appeal request must outline the specific grievances about the grading procedure, grounds for appeal and attach relevant documentation (syllabus, guidelines for papers or presentations, etc).
- If, after hearing the instructor's explanation, the student still wishes to appeal the grade, she or he must present the grade appeal to the program director within 30 days of notification from the instructor.
- If the student is still not satisfied, the student may make a final appeal to the dean of the Graduate School. In such cases, the dean must be contacted prior to the end of the term immediately following the semester the grade was posted.
- Failure to follow this timeline provides sufficient grounds for dismissing an appeal. In each stage of the appeal process, the student will receive a letter stating the reviewer's recommendation within 30 days of initiation.
- All parties to the grade appeal (student, instructor, program director, dean) are to maintain strict confidentiality until the matter is resolved.

## GRADUATE STUDENT CONDUCT AND PERFORMANCE POLICY

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As part of Hood's mission to prepare students for lives of responsibility and leadership, the Graduate School expects students to maintain a high standard of academic integrity and student conduct. Graduate students are adults and are expected to take personal responsibility for their own

conduct. Hood College reserves the right to suspend, dismiss or otherwise discipline a student who violates the policies or regulations with respect to academic or student conduct. In addition, the Graduate School may request that a student withdraw for reasons of conduct detrimental to the College community.

The Graduate School defines disruptive conduct in the following way:

The disruptive student is one who continues to make unreasonable demands for time and attention from faculty and staff and habitually interferes with the learning environment by disruptive verbal or behavioral expressions, threatens or abuses members of the College community or willfully damages college property. The result is a disruption of academic, administrative, social or recreational activities on campus. Students are asked to refrain from behaviors that include, but are not limited to:

- Behaviors that disrupt or interfere with teaching, research or other academic activities
- Behavior that can lead to physical harm
- Physical or verbal threats, intimidation that may interfere with another's full participation in the life of the College
- Conduct that constitutes sexual harassment or any violation of Policy 55
- Refusing to comply with directions of school officials, instructors, administrators or staff

A complaint of alleged student misconduct should be filed with the dean of the Graduate School by a member of the faculty, staff or student. All allegations should be filed in writing within 10 business days of the incident. The dean will provide a thorough investigation of the incident and take appropriate action. These sanctions may include:

- **Warning:** written notice to the student that continued and/or repeated incidents/violations may be cause for further disciplinary action (reprimand, dismissal). A permanent record of the incident report will be retained in the student's file. Additionally, the warning may include referrals to appropriate office for assistance.
- **Reprimand:** written reprimand for the violation of specified conduct or policy including notice to the student that repeated violation may result in further disciplinary action
- **Dismissal:** termination of student status at the College

## APPEAL PROCESS

Within 10 business days of receiving notification from the dean concerning the decision concerning the formal complaint, the student may request a written request to the Graduate Council Subcommittee for reconsideration. This reconsideration must be based on procedural errors or new information not available at the time the complaint was lodged with the dean. The matter of academic or student conduct resides with the Graduate Council. The Graduate Council Subcommittee will then appoint a three-person committee comprised of members selected from the Graduate Council. This committee will then hear the case. The hearing committee will review the sanction and proceedings and report its findings to the student and dean. The student can appeal the outcome to the provost

# GRADUATE ACADEMIC PROGRAMS AND FIELDS OF STUDY

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## Master of Arts

Ceramic Arts  
Human Sciences (p. 124)  
Humanities  
Thanatology (p. 128)

## Master of Business Administration

Business Administration (p. 113)  
accounting (p. 113)  
finance (p. 113)  
human resource management (p. 114)  
information systems (p. 114)  
marketing (p. 114)  
public management (p. 114)  
regulatory compliance - focus area (p. 114)

## Master of Fine Arts

Ceramic Arts (p. 115)

## Master of Science

Ceramic Arts  
Human Sciences  
Humanities  
Thanatology  
Pre-Law Studies  
Pre-Medical Studies  
Pre-Veterinary Studies

## BIOMEDICAL SCIENCE, M.S.

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**Program Director:** Rachel Bagni, Ph.D. [bagni@hood.edu](mailto:bagni@hood.edu); 301-696-3650

The Master of Science degree in Biomedical Science is a 33-credit program of graduate research and academic study developed for:

- Persons holding a bachelor's degree and currently employed in a biomedical or biotechnological research establishment who are seeking additional academic background as part of a career and professional growth program;
- Teachers and other professionals with interests in biomedical science who wish to obtain a graduate degree; and
- Professionals already holding advanced degrees who desire to update or extend their previous academic experiences in biomedical or biotechnological sciences.

The courses are taught in the evenings, thus, the program offers an alternative to conventional graduate education for those who work full time.

### Application Requirements

Applicants will be accepted into the program based on selection criteria that include undergraduate coursework, grade point average, area of research interest and experience. All official transcripts must be submitted. Undergraduate coursework required includes: microbiology, organic chemistry, pre-Calculus, upper level genetics (equivalent to Hood's BIOL 316) and cell biology (equivalent to Hood's BIOL 339). In addition, an essay that discusses the student's work experience and future goals is required.

For additional admission information, see *Graduate Admission* (p. 98).

The program in biomedical science is administered within the Department of Biology by the director of the Biomedical Science Program, assisted by an Advisory Council and Administrative Committee for Biomedical Science.

**Prerequisites for Degree Candidacy:** In addition to completing 12 hours of graduate study at Hood, applicants for degree candidacy must have achieved at least a B average in their graduate work.

### PROGRAM REQUIREMENTS

#### Thesis Track Requirements

	Four core courses	12.0
	Four elective courses	12.0
BMS 570	Research Seminar	3.0
BMS 580	Master's Thesis Preparation	6.0

BMS 580: under the direction of a thesis adviser and a reading committee (6 credits).

An oral defense of the thesis is required.

#### Nonthesis Track Requirements

	Four core courses	12.0
	Six elective courses, three of which must be laboratory lecture courses	18.0
BMS 571	Biomedical Science Seminar	3.0
	Preparation and oral defense of a mock grant proposal	

#### Core Courses (all concentrations)

BMS 511	Protein Biochemistry	3.0
BMS 523	Cell Structure & Function	3.0
BMS 524	Molecular Biology Eukaryotic Cells	3.0
BMS 537	Introduction to Bioinformatics	3.0

#### Curricular Concentrations

Students are encouraged to select elective courses within a concentration. The curricular concentrations are the faculty's suggestions to help ensure a cohesive program of coursework. However, students, in consultation with their academic advisers, may select a combination of elective courses individualized to their own needs and interests. Only students who declare the concentration in Regulatory Compliance may take the Regulatory Compliance courses to fulfill their elective requirements.

#### Concentration in Biotechnology/Molecular Biology

BMS 512	Biochemistry of Intermediary Metabolism	3.0
BMS 520	Protein Purification and Characterizatn	3.0
BMS 525	Virology	3.0
BMS 526	Molecular Mechanisms of Development	3.0
BMS 528	Immunology	3.0
BMS 531	Prokaryotic Genetics	3.0
BMS 534	Princ & Methods Molecular Genetics	3.0

BMS 535	Adv Tpc:Recombinant DNA Technology	3.0
BMS 538	General Pharmacology	3.0
BMS 539	Molecular Immunology	3.0
BMS 540	Genome Analy Mapping	3.0
BMS 541	Gene Structure and Function	3.0
BMS 542	Ethics In Science	3.0
BMS 551	Advanced Bioinformatics	3.0
BMS 590	Advanced Tpcs:Biomedical Techniques	3.0

#### Concentration in Microbiology/Immunology/Virology

BMS 512	Biochemistry of Intermediary Metabolism	3.0
BMS 525	Virology	3.0
BMS 526	Molecular Mechanisms of Development	3.0
BMS 527	Pathogenic Microbiology	3.0
BMS 528	Immunology	3.0
BMS 531	Prokaryotic Genetics	3.0
BMS 533	Medical Virology	3.0
BMS 538	General Pharmacology	3.0
BMS 539	Molecular Immunology	3.0
BMS 541	Gene Structure and Function	3.0
BMS 542	Ethics In Science	3.0
BMS 543	Advanced Immunology	3.0
BMS 551	Advanced Bioinformatics	3.0
BMS 590	Advanced Tpcs:Biomedical Techniques	3.0

#### Concentration in Regulatory Compliance

Students in other concentrations in the M.S. in Biomedical Science may not register for Regulatory Compliance courses as electives for degree completion except by permission of the instructor and their academic advisers.

#### Regulatory Compliance Core Courses - 9 credits

BMS 545	Product Development	3.0
BMS 546	Good Manufacturing Practices	3.0
BMS 548	Good Clinical Practice	3.0

#### Regulatory Compliance Electives - 6 credits

(Two courses from below)

BMS 544	Good Lab Practices:Practical Approach	3.0
BMS 547	Dev of Pharmaceuticals Reg Environmen	3.0
BMS 549	Regulation of Medical Devices	3.0
BMS 550	Food and Drug Law	3.0

#### Regulatory Compliance Research Option

	Biomedical Sciences core courses	12.0
	Regulatory Compliance Core courses	9.0
	Regulatory Compliance Elective courses	6.0
BMS 570	Research Seminar	3.0
BMS 585	Master's Field Work Project	3.0

#### Regulatory Compliance Non-research Option

	Biomedical Sciences core courses	12.0
	Regulatory Compliance Core courses	9.0
	Regulatory Compliance Elective courses	9.0
BMS 571	Biomedical Science Seminar	3.0
	Preparation and oral defense of a mock grant proposal	

#### Suggested Electives:

BMS 512	Biochemistry of Intermediary Metabolism	3.0
BMS 538	General Pharmacology	3.0
BMS 542	Ethics In Science	3.0

BMS 544	Good Lab Practices: Practical Approach	3.0
BMS 547	Dev of Pharmaceuticals Reg Environmen	3.0
BMS 549	Regulation of Medical Devices	3.0
BMS 550	Food and Drug Law	3.0
BMS 551	Advanced Bioinformatics	3.0

## BUSINESS ADMINISTRATION, M.B.A.

**Program Director:** David Gurzick, Ph.D. gurzick@hood.edu; 301-696-3857

The goal of the M.B.A. curriculum is to provide students with a broad professional education that prepares them for responsible leadership and management positions in business and public service. Students take a creative and innovative approach to solve complex problems in today's global business environment by integrating business theory and practical application. The importance of making both socially and ethically responsible decisions in today's business world is stressed.

The program is designed for part-time students who wish to complete their M.B.A. by taking classes in the evening. Students who majored in business administration at the undergraduate level may complete the program in as few as 36 credit hours. Teaching methods used include lectures, discussions and case studies. Strong faculty and student involvement and interaction in and out of the classroom are designed to improve students' leadership, team-building, critical-thinking and communication skills.

The M.B.A. program is accredited by the Accreditation Council for Business Schools and Programs, whose mission is to promote "continuous improvement and recognize excellence in the accreditation of business education programs around the world."

At Hood, *it is not business, as usual*. The M.B.A. program is designed to be personally enriching and professionally rewarding.

All students enrolled in the MBA program are required to have a Chalk and Wire account. The student will be billed for a non-refundable one-time only fee of \$95 to receive a four-year plus license to Chalk and Wire.

### Application Requirements

Submit one official transcript reflecting the highest degree conferred.

Students applying for the M.B.A. program must complete an essay of 250 words or less that includes background experience and future goals. All official transcripts must be submitted. Students whose cumulative GPA from their conferring institution is below 3.0 must also submit a résumé and two letters of recommendation, which can be emailed to the Graduate School at [gofurther@hood.edu](mailto:gofurther@hood.edu).

For additional admission information, see *Graduate Admission* (p. 98).

All students enrolled in the MBA program are required to have a Chalk and Wire account. The student will be billed for a non-refundable one-time only fee of \$95 to receive a four-year plus license to Chalk and Wire.

*NOTE: Course substitutions are not permitted. A student may be exempted from these requirements by petition to the appropriate department. The petition must be in writing and, if approved, written evidence of the exemption must be forwarded to the Graduate School by the program director. The exemption is made a part of the student's record. When a course is formally exempted, another course must be taken. Exemption does not constitute credit.*

## PROGRAM REQUIREMENTS

### Foundation Courses

Six foundation courses (18 credit hours) are designed to provide a background for students who did not take courses in business administration at the undergraduate level. Students who have completed appropriate undergraduate coursework may be exempted from foundation courses. It is expected that students meet the foundation requirements before they enroll in core requirements. Any exceptions to this must be approved by the M.B.A. director.

ECON 551	Foundations of Economics	3.0
MGMT 551	Management Theory	3.0
MGMT 552	Quantitative Methods for Managers	3.0
MGMT 553	Foundations of Accounting	3.0
MGMT 554	Legal Environment of Business	3.0

ECMG 556	Statistics for Management	3.0
	or	
MATH 500	Statistics	3.0

### Core Requirements

Ten core courses (30 credit hours) provide a common body of knowledge and are required of all students in the M.B.A. program. These courses provide a solid foundation in the functional areas of business, such as finance, marketing, and accounting and expose students to the environmental factors affecting business operations. Included in the core is a capstone course, MGMT 590 Strategy and Competitive Advantage, which is taken by M.B.A. students in their final semester of study after all other core courses have been completed. Students must meet the prerequisite requirements before enrolling in a class. Any exceptions to this policy must be approved by the academic adviser.

ECON 560	Managerial Economics	3.0
MGMT 560	Leadership & Organizational Behavior	3.0
MGMT 561	Financial Management	3.0
MGMT 562	Financial & Managerial Accounting	3.0
MGMT 563	Marketing Management	3.0
MGMT 564	Production & Operations Management	3.0
MGMT 565	International Management	3.0
MGMT 566	Information Management & Technology	3.0
MGMT 567	Organizational Sustainability	3.0
MGMT 590	Strategy & Competitive Advantage	3.0

### Concentration Courses

Students are required to complete two courses from the following list. Students may elect to take courses in one concentration (accounting, finance, human resource management, information systems, marketing or public management) or in two different concentrations. No substitutions are allowed with regard to any concentration courses. Courses may count for requirements in two concentrations, but the credits can only count toward one concentration. Six credits are required for each concentration.

#### Accounting Concentration

MGMT 568	Accounting Information Systems	3.0
MGMT 580	Strategic Cost Management	3.0
MGMT 581	Financial Statement Analysis	3.0

#### Finance Concentration

MGMT 576	Advanced Financial Management	3.0
MGMT 577	Portfolio and Investment Management	3.0
ECMG 578	International Financial Management	3.0

MGMT 581 Financial Statement Analysis 3.0

#### Human Resource Management Concentration

MGMT 582 Negotiation & Conflict Resolution 3.0

MGMT 585 Human Resource Management 3.0

#### Information Systems Concentration

Students may select courses in Information Systems by selecting two graduate computer science courses with the consent of their adviser and the director of the Computer Science program.

#### Marketing Concentration

MGMT 570 Marketing Analysis for Managers 3.0

MGMT 571 Advertising Management 3.0

MGMT 572 Supply Chain Management 3.0

#### Public Management Concentration

MGMT 585 Human Resource Management 3.0

MGMT 587 Public Administration 3.0

#### Focus Area - Regulatory Compliance

Students are required to complete two courses from the following list.

Please contact the M.B.A. director for additional information about this focus area.

BMS 545 Product Development 3.0

BMS 547 Dev of Pharmaceuticals Reg Environmen 3.0

BMS 549 Regulation of Medical Devices 3.0

BMS 550 Food and Drug Law 3.0

## CERAMIC ARTS, M.A.

**Program Director:** Joyce Michaud, M.F.A., jmichaud@hood.edu; 301-696-3526

The Master of Arts in Ceramic Arts program offers academic training in the aesthetics, science, technology and management of a career in the ceramic arts. Lectures and critiques provide students with an understanding of the history of ceramics and the issues and ideas that underpin contemporary work in all aspects of the medium, as well as a firm grounding in the science of glaze formation, clay development and firing theory. Practical application of the science and technology of the ceramic arts will combine with skill building and individual exploration to develop exhibition-quality work demonstrating personal aesthetic expression. The M.A. requires an exhibition of original ceramic art work and culminates in a comprehensive exam. With full time study, the Master of Arts in Ceramic Arts may be accomplished in two calendar years; part time study allows up to seven years for completion.

#### Objectives:

- The student will gain a broad knowledge base of a variety of studio art media, develop technical skills, gain an awareness of historical movements and comprehend universal aesthetic concepts;
- The student will develop the ability to observe, cultivating analytical and creative thinking skills.
- The student will develop a process for articulating aesthetic ideas and the ability to communicate their personal aesthetic intentions visually in their art work, verbally and in written form.

#### Application Requirements

Candidates for the M.A. program must have obtained a prior baccalaureate degree, B.A. or B.F.A. as a studio arts major or equivalent training in ceramic arts.

To be considered for admission to the M.A. program, students must meet the admission requirements of the Hood College Graduate School.

Interested parties must submit:

A completed application to the Hood College Graduate School as well as submitting official transcripts from all institutions attended. All applicants should submit a portfolio on CD of 20 images of personal work as 300 dpi digital images; a slide/image index with written objectives for the body of work; a résumé; an essay (no more than 500 words) discussing how the M.A. relates to previous experience, current direction, career and academic goals; and two letters of recommendation from individuals familiar with the applicant's recent work.

### PROGRAM REQUIREMENTS (36 CREDITS REQUIRED)

#### Core Courses - 17 Credits

##### Wheel

ARTS 505 Ceramic Wheel: Masters' Throwing Conc 2.0

ARTS 512 Eastern & Western Tech in Trimming 1.0

##### Sculpture

ARTS 502 East Asian Wedged Coil Technique 1.0

ARTS 508 Ceramic Sculpture 3.0

##### Surface Treatments

##### Skill and Aesthetics

ARTS 501 Glaze Application 1.0

ARTS 504 Ceramic Decoration 3.0

##### Science and Technical

ARTS 511 Properties of Clay 1.0

ARTS 521 Properties of Glaze 2.0

##### Firing

ARTS 525 Electric Kilns 1.0

ARTS 530 Kiln Technology & Firing Theory 2.0

#### Art History, Aesthetics and Criticism Courses - 9 Credits

ART 506 Writing for Artists 3.0

ART 568 Contemporary Topics in Visual Art 3.0

ARTS 543 History of Ceramic Arts 3.0

ARTS 564 Aesthetics and Criticism 3.0

Art History electives (ART) numbered 505 or above

#### Capstone Courses - 4 Credits

ARTS 569 Survival Skills for Visual Artists 1.0

ARTS 570 Seminar in Personal Studio Research 3.0

#### Comprehensive Exam

Comprehensive Exam

#### Studio Art Electives - 6 Credits

##### Wheel

ARTS 506 Ceramic Wheel: Masters' Throwing II 2.0

ARTS 507 Plates and Platters 1.0

ARTS 509 Throwing Large Forms 3.0

ARTS 515 Ceramic Arts Throwing Lab 1.0

ARTS 517 Dynamic and Asymmetrical Wheel 3.0

**Handbuilding and Sculpture**

ARTS 542	Modeling the Figure	3.0
ARTS 545	Large Scale and Composite Sculpture	3.0

**Kiln Technology**

ARTS 531	Wood Firing Theory	2.0
ARTS 532	Firing Large Scale Wood Kiln	2.0
ARTS 552	Kiln Design and Construction	3.0

**Special Topics Courses**

ARTS 520	Photographing Ceramics	1.0
ARTS 547	Creating with Porcelain	3.0
ARTS 564	Aesthetics and Criticism	3.0
ARTS 571	Arts Management & Marketing	3.0
ARTS 574	Advanced Studies in Ceramic Arts	3.0
ARTS 575	Independent Study	1.0 - 3.0
ARTS 590	Teaching Assistant in Ceramic Arts	1.0 - 4.0
ARTS 599	Special Topics in Ceramic Arts	1.0 - 3.0

**CERAMIC ARTS, M.F.A**

**Program Director:** Joyce Michaud, M.F.A., jmichaud@hood.edu; 301-696-3526

The Master of Fine Arts in Ceramic Arts offers comprehensive research in the ceramic arts, providing academic preparation for matriculating students pursuing professional careers in personal artistic exploration, arts instruction, community arts and museum positions. Creation of ceramic art is a multidisciplinary confluence of science and art. The production of three-dimensional works of art in the ceramic medium is a continuing exercise in critically assessing the results of a complex series of deliberate experiments culminating in an aesthetic judgment, documentation and exhibition. The M.F.A. degree program will ground students in the scientific requirements of ceramic arts and develop critical understanding of the aesthetics involved in exploring the third dimension. Innovative experiential process is the basis of the Hood College ceramic arts program history and the major thrust behind the curriculum.

**Objectives:**

- The student will gain a broad knowledge base of a variety of studio art media, develop technical skills, gain an awareness of historical movements and comprehend universal aesthetic concepts.
- The student will develop the ability to observe, cultivating analytical and creative thinking skills.
- The student will develop a process for articulating aesthetic ideas and the ability to communicate their personal aesthetic intentions visually in their art work, verbally and in written form.
- The student will develop a critical understanding of art, aesthetics and cultural education
- The student will gain purpose and a sense of responsibility of the role an artist plays in society and how an artist effects societal change.
- The student will develop the ability to analyze formal design issues both literally and conceptually.
- The student will gain the ability to seek the challenge of higher learning environments, to become confident artists, intellectually

sound risk takers, career oriented professionals and ultimately empowered citizens meeting the challenges of today's society.

**Application Requirements:**

Candidates for the M.F.A. program must have obtained a baccalaureate degree, B.A. or B.F.A. as a studio arts major. To be considered for admission to the M.F.A. program, students must meet the admission requirements of the Hood College Graduate School. Interested parties must submit a completed application to the Hood College Graduate School as well as submitting official transcripts from all institutions attended. All applicants should submit a portfolio on CD of 20 images of personal work as 300 dpi digital images; a slide/image index with written objectives for the body of work; a résumé; an essay (no more than 500 words) discussing how the M.F.A. relates to previous experience, current direction, career and academic goals; and two letters of recommendation from individuals familiar with the applicant's recent work. An interview and portfolio review with the director of the M.F.A. in Ceramic Arts is also required.

The program allows students to pursue a terminal degree for an artist, the Master of Fine Arts in Ceramic Arts.

Students with an undergraduate degree in an area other than ceramic arts, who have considerable life experience and skill in the ceramic arts, may apply with the permission of the program director. Students with strong current skills will be encouraged to select courses that will expand their knowledge of the ceramic arts.

For additional admission information, see *Graduate Admission* (p. 98).

**PROGRAM REQUIREMENTS**

The Master of Fine Arts in Ceramic Arts requires candidates to complete a studio emphasis in ceramic arts with a G.P.A. of 3.0 or greater.

60 credits are required for graduation

22 credits of core requirements

17 credits of required research

15 credits of general electives

6 credits of art history

Students studying full time will normally spend three years earning the degree. Part of the requirements may be fulfilled by completing the Graduate Certificate in Ceramic Arts. Successful completion of ARTS 570 and a 3.0 grade point average will serve as an interim evaluation for continuing studies. Strong candidate for the M.F.A. will have earned a grade of A- (3.67) or higher in ARTS 570. Students may transfer 9 credits earned from an accredited program to their course requirements for the M.F.A.

**Core Courses**

ARTS 501	Glaze Application	1.0
ARTS 502	East Asian Wedged Coil Technique	1.0
ARTS 505	Ceramic Wheel: Masters' Throwing Conc	2.0
ARTS 508	Ceramic Sculpture	3.0
ARTS 511	Properties of Clay	1.0
ARTS 521	Properties of Glaze	2.0
ARTS 525	Electric Kilns	1.0
ARTS 530	Kiln Technology & Firing Theory	2.0
ARTS 540	Clay/Glaze Chemistry Theory & Practice	3.0
ARTS 543	History of Ceramic Arts	3.0
ARTS 574	Advanced Studies in Ceramic Arts	3.0

**Research Courses**

ARTS 569	Survival Skills for Visual Artists	1.0
ARTS 570	Seminar in Personal Studio Research	3.0
ARTS 576	MFA Thesis Preparation	3.0
ARTS 580	MFA Thesis Research	6.0
ARTS 595	MFA Thesis Exhibition	4.0

**Elective Courses – 15 Credits Required****Wheel**

ARTS 504	Ceramic Decoration	3.0
ARTS 506	Ceramic Wheel: Masters' Throwing II	2.0
ARTS 507	Plates and Platters	1.0
ARTS 509	Throwing Large Forms	3.0
ARTS 512	Eastern & Western Tech in Trimming	1.0
ARTS 515	Ceramic Arts Throwing Lab	1.0
ARTS 517	Dynamic and Asymmetrical Wheel	3.0

**Handbuilding and Sculpture**

ARTS 542	Modeling the Figure	3.0
ARTS 545	Large Scale and Composite Sculpture	3.0

**Kiln Technology**

ARTS 531	Wood Firing Theory	2.0
ARTS 532	Firing Large Scale Wood Kiln	2.0
ARTS 552	Kiln Design and Construction	3.0

**Special Topics Courses**

ARTS 520	Photographing Ceramics	1.0
ARTS 547	Creating with Porcelain	3.0
ARTS 564	Aesthetics and Criticism	3.0
ARTS 571	Arts Management & Marketing	3.0
ARTS 590	Teaching Assistant in Ceramic Arts	1.0 - 4.0
ARTS 599	Special Topics in Ceramic Arts	1.0 - 3.0

**Independent Study**

ARTS 575	Independent Study	1.0 - 3.0
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**Art History - 6 Credits Required**

Six credits in Art History (ART) at the 500-level	6.0
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Additional graduate level humanities courses may serve as elective credit with approval of the program director.

**COMPUTER SCIENCE, M.S.**

**Program Director:** Xinlian Liu, Ph.D. liu@hood.edu; 301-696-3981

The Master of Science in Computer Science is a 33-credit degree program for persons seeking to enhance their professional qualifications and stature through graduate study in computer science. Individuals who graduate from the program will acquire knowledge and develop problem-solving skills that prepare them to hold a variety of scientific and technical positions in the area of computing applications. Graduates will also be prepared for further work at the doctoral level.

**Application Requirements:**

All official transcripts and a résumé must be submitted.

For additional admission information, see *Graduate Admission* (p. 98).

**PROGRAM REQUIREMENTS****Prerequisite Courses**

The prerequisite courses represent background knowledge and skills necessary for successful completion of degree requirements. Some or all of the prerequisite courses may be waived by the program director, based upon an analysis of the student's previous work. A student holding a baccalaureate degree in computer science will normally be granted exemption from, but not graduate credit for, all prerequisite courses.

MATH 505	Discrete Math	3.0
CS 503	Algorithms & Programming I	3.0
CS 504	Algorithms & Programming II	3.0
CS 508	Computer Organization and Design	3.0
CS 519	Advanced Data Structures	3.0

**Degree Requirements**

A student must complete 33 credits beyond prerequisite courses, including 15 credits of Core requirements. The Core courses represent the general body of knowledge and skills that all students in the program are expected to master.

**Core Requirements**

CS 520	Algorithm Analysis	3.0
CS 524	Prin Software Engrng	3.0
CS 528	Artificial Intelligence	3.0
CS 564	Operating Systems	3.0

**One of the following courses:**

CS 561	Computer Architecture	3.0
CS 571	Programming Languages	3.0

**TRACK OPTIONS**

The program offers two options for completing the remaining 18 credits. A student may take all 18 credits as elective work, or may pursue Specialty Track plus elective work. The choice of which option and which elective work best suit the student's goals should be made in consultation with a faculty adviser. The department currently offers a Specialty Track in Artificial Intelligence and a Specialty Track in Networks and Distributed Computing.

**Requirements for Specialty Track in Artificial Intelligence**

CS 528	Artificial Intelligence	3.0
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**Two of the following courses:**

CS 542	Perception in Artificial Intelligence	3.0
CS 543	Machine Learning	3.0
CS 544	Knowledge Representation & Reasoning	3.0

**Requirements for Specialty Track in Networks and Distributed****Computing**

CS 536	Web Services	3.0
CS 553	Data Communications & Network Security	3.0
CS 566	Parallel Computing	3.0

Regardless of which option is chosen as part of the required elective work, a student may, with permission of the department, elect to do a 6-credit thesis (CS 580), a 3- or 6-credit field work project (CS 585) or a 6-credit Software Engineering Project (CS 595).

**EDUCATION**

The Hood College Education Department offers three graduate degree programs and one certificate program. Candidates advance through

programs in three sequential phases. **These programs do not lead to initial teaching certification.**

All Education graduate programs require all candidates who enroll as program completers or nonprogram completers to use the Chalk and Wire e-Portfolio system to create a program portfolio with specified performance assessments and activities. Candidates must enroll in EDUC 502 as their first course and receive training on creating their program portfolio.

Candidates completing the graduate and post-baccalaureate programs will gain the requisite knowledge, skills and dispositions to meet national, professional, state and institutional standards. In compliance with The Council for the Accreditation of Educator Preparation (CAEP) guidelines for national accreditation, the department is guided by a conceptual framework that includes the following vision and mission statements and institutional outcomes.

### Our Vision as a Department

The Education Department believes that well-educated and prepared teachers and educational leaders have a sense of self-satisfaction in both intellectual pursuits and pedagogical applications. The department believes that the discipline of education is a scholarly pursuit, a science, an art and a profession. We believe that the Education Department must provide candidates with a theoretical knowledge base, technological tools and support to become competent professionals of the art of education and guidance to operate within an ethical profession in a diverse society.

### Mission Statement

Our mission as an education department is to prepare academically competent and professional educators who are committed to facilitating learning in a culturally diverse society. This mission reflects a commitment to providing a technologically enhanced environment in which to nurture highly skilled educators who have a broad base in the liberal arts, are active learners and are reflective practitioners. In order to meet our vision and mission statements, the Education Department has framed six Institutional Outcomes (IOs) that all candidates must meet. These IOs are assessed at various points in the programs of study.

### Institutional Department Outcomes

We believe that the education department at Hood College prepares educators who:

- Demonstrate the subject matter content, pedagogical knowledge, teaching skills and professional dispositions necessary to ensure that all of their students and clients learn. (CONTENT KNOWLEDGE and SKILLS)
- Use their knowledge of diversity to create learning environments that support the belief that all students can learn. (DIVERSITY)
- Have attained the necessary skills to use assessment data to guide practices that support the belief that all students can learn. (ASSESSMENT)
- Have attained the necessary skills to use technology to enhance learning. (TECHNOLOGY)
- Communicate effectively with students, parents and colleagues in order to facilitate learning. (COMMUNICATION)
- Reflect on their practice and are committed to continued professional growth. (REFLECTIVE PRACTICE)

### Application Requirements

See requirements in each program and *Graduate Admission* (p. 98) for additional information.

All the graduate programs in education leading to a master's degree consist of three phases and candidates must meet program requirements at each phase before advancing to the next phase of the program.

## CURRICULUM AND INSTRUCTION, M.S.

**Program Director:** Judy Sherman, Ed.D. sherman@hood.edu; 301-696-3464

The Master of Science in Curriculum and Instruction is designed primarily for certified classroom teachers who want to enrich their professional knowledge and skills. The program draws from the National Board for Professional Teacher Standards (NBPTS) and the Maryland Teacher Technology Standards (MTTS) in advancing candidates' knowledge and skills. The curriculum includes a core of professional education courses, with concentrations in four areas of education: elementary education, elementary school science and mathematics, secondary education and special education. In addition, candidates may earn a certificate from Hood College in Elementary-Science-Technology-Engineering-Mathematics (STEM) Education. **This 36-credit program does not lead to initial teacher certification.**

### Unit Assessment Organization

In compliance with The Council for the Accreditation of Educator Preparation (CAEP) requirements, the M.S. in Curriculum and Instruction is divided into three phases for the purpose of uniform data collection for Unit Assessment and continuous program improvement.

### Application Requirements

Submit one official transcript reflecting the highest degree conferred. Qualified applicants will be contacted for an interview with the program director of Curriculum and Instruction or the program coordinator in the Concentration area. This interview is based on core beliefs and Dispositions from the Six Institutional Outcomes (program expectations and requirements are explained to the applicant at this time). In addition, applicants must produce an acceptable writing sample during the interview process.

For additional admission information, see *Graduate Admission* (p. 98).

All Curriculum and Instruction candidates will need to complete each program's phase requirements before advancing to the next level in the program. Candidates will work with an academic adviser to ensure completion of degree requirements at an acceptable level. Candidates are advanced through the phases by successfully completing all requirements. The Curriculum and Instruction Advisory Council will review any conditional advancements and denials for advancement.

## PHASE I: PROFESSIONAL EDUCATION CORE COURSES

**Five professional education core courses are central to all concentrations in Curriculum and Instruction:**

EDUC 502	Tech for Literacy, Leadership & Learning	3.0
EDUC 577	Introduction to Educational Research	3.0
EDUC 581	Research-Based Tchng, Lrng, Assessment	3.0
EDUC 582	Educational Philosophy in a Diverse Soc	3.0
EDUC 597	Action Research Special Project	3.0

EDUC 502: Must be taken as the first course in the program

EDUC 581, EDUC 582: Along with EDUC 502, these courses could be completed in the first 12 credits, before candidate can advance to full candidacy

EDUC 597: This course is the last course in the program. It begins in the fall and is a yearlong course. The Graduate School will re-register students for the course in the spring as "IP" (In Progress) until a final grade is submitted. Students are responsible to pay the Graduate School comprehensive fee each fall and spring semester until the course is completed.

The Curriculum and Instruction M.S. has several concentrations. Please see:

*Curriculum and Instruction: Elementary Education Concentration* (p. 118)

*Curriculum and Instruction: Elementary School Science and Mathematics Concentration* (p. 118)

*Curriculum and Instruction: Secondary Education Concentration* (p. 119)

*Curriculum and Instruction: Special Education Concentration* (p. 120)

## CURRICULUM AND INSTRUCTION: ELEMENTARY EDUCATION CONCENTRATION

This 36-credit hour program is designed primarily for classroom teachers in early childhood or elementary education who want to gain additional knowledge and skills. Content focuses upon the areas of curriculum and advanced methodology, as well as theory and support courses. **This program does not lead to initial teaching certification.**

### PHASE I: PROFESSIONAL EDUCATION CORE COURSES

See *Phase I: Professional Education Core Courses* (p. 117) under Curriculum and Instruction, M.S. for a complete list.

### PHASE II:

#### Foundation Courses (four):

In addition to the five professional education core courses for the M.S. degree, students must complete four elementary education foundation courses (12 credits):

EDUC 533	Effective Home-School Interaction	3.0
EDUC 534	Current Issues in ECE & Elementary Ed	3.0
EDUC 561	Tchg Diverse Learners/Inclusive Setting	3.0
EDUC 583	Princ of Curr Development & Appraisal	3.0

#### Content Electives (three)

In addition to the professional education core and foundation courses, the candidate must select three elective courses from different curriculum areas. One must be taken in reading. (9 credits)

#### Reading

EDUC 511	Children's Literature	3.0
EDUC 517	Materials for Teaching Reading	3.0
EDUC 518	Reading Instruction:Elementary	3.0
EDUC 520	Reading Diagnosis	3.0
EDUC 521	Contemporary Issues:Teaching Reading	3.0
EDUC 535	Integrating Elem Curric thru Lang Arts	3.0

#### Mathematics

EDUC 545	Modern Math Methods	3.0
EDUC 546	Numb,Oper,Alg Thinking E/M School	3.0

EDUC 547	Geometry & Measurement in E/M School	3.0
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#### Special Education

EDUC 574	Curr & Meth in SpEd:Rdg,Lang Arts,Soc St	3.0
EDUC 576	Curr & Meth in SpEd:Math and Science	3.0

### PHASE III:

Candidates enrolled in the M.S. in Curriculum and Instruction degree program in Phase III must successfully meet the following requirements:

1. Maintain a 3.0 cumulative grade point average in the capstone course: EDUC 597 Action Research.
2. Complete acceptable performance activities as part of the collaborative practice component in EDUC 597.
3. Successful evaluation of a yearlong action research project.
4. Complete the Exit Survey, a self-assessment measure on the Institutional Outcomes.

### PROGRAM FOLLOW UP

**Program completers in the Curriculum and Instruction program will complete the following activities:**

1. Program Evaluation Survey at the completion of the action research course.
2. Program Survey one year after program completion.
3. Program Survey five years after program completion.

## CURRICULUM AND INSTRUCTION: ELEMENTARY SCHOOL SCIENCE AND MATHEMATICS CONCENTRATION

The purpose of this 36-credit hour program is to provide teachers with current, innovative and accurate elementary science and mathematics methods and topics. Emphasis is placed upon the understanding, development and application of constructivist, Science-Technology-Engineering-Mathematics (STEM) curricula, materials, methods and activities that are applicable within the elementary classroom. **This program does not lead to initial teaching certification. Program completion may include STEM certification.**

### PHASE I: PROFESSIONAL EDUCATION CORE COURSES

See *Phase I: Professional Education Core Courses* (p. 117) under Curriculum and Instruction, M.S. for a complete list.

### PHASE II:

#### Foundation Courses (four):

In addition to the five professional education core courses for the M.S. degree, the candidate must complete four elementary school science and mathematics foundation courses (12 credits):

EDUC 540	Modern Science Methods	3.0
EDUC 545	Modern Math Methods	3.0
EDUC 576	Curr & Meth in SpEd:Math and Science	3.0
EDUC 583	Princ of Curr Development & Appraisal	3.0

#### Content Electives (three):

In addition to the professional education and foundation courses, the candidate must select three courses from different content and topic areas, either from the science or mathematics disciplines with the approval of the adviser, or from the following education courses:

EDUC 542	Topics:Elementary/Middle Physical Sci	3.0
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EDUC 544	Topics:Elementary/Middle Biological Sci	3.0
EDUC 546	Numb,Oper,Alg Thinking E/M School	3.0
EDUC 547	Geometry & Measurement in E/M School	3.0
EDUC 553	Found Elem STEM (Sci,Tech,Engr,Math) Ed	3.0

### PHASE III:

**Candidates enrolled in the M.S. in Curriculum and Instruction degree program in Phase III must successfully meet the following requirements:**

1. Maintain a 3.0 cumulative grade point average in the capstone course: EDUC 597 Action Research.
2. Complete acceptable performance activities as part of the collaborative practice component in EDUC 597.
3. Successful evaluation of a yearlong action research project.
4. Complete the Exit Survey, a self-assessment measure on the Institutional Outcomes.

### PROGRAM FOLLOW UP

**Program completers in the Curriculum and Instruction program will complete the following activities:**

1. Program Evaluation Survey at the completion of the action research course.
2. Program Survey one year after program completion.
3. Program Survey five years after program completion.

## CURRICULUM AND INSTRUCTION: SECONDARY EDUCATION CONCENTRATION

This 36-credit program is intended for students who currently hold certification within a secondary teaching area. It is also intended as a master's degree option for individuals in the post-baccalaureate secondary education certification program. This program may provide courses toward the advanced professional certificate but does not lead to certification in other areas. **This program does not lead to initial teaching certification.**

### PHASE I: PROFESSIONAL EDUCATION CORE COURSES

See *Phase I: Professional Education Core Courses* (p. 117) under Curriculum and Instruction, M.S. for a complete list.

### PHASE II:

#### Foundation Courses (three):

In addition to the five professional education core courses for the M.S. degree, students must select three secondary foundation courses (9 credits):

EDUC 561	Tchg Diverse Learners/Inclusive Setting	3.0
EDUC 565	Classroom Org/Mgmt in Special Educ	3.0
EDUC 583	Princ of Curr Development & Appraisal	3.0

#### Content Electives (four):

In addition to the professional education and foundation courses, candidates must select four courses from professional and content areas that form a coherent unit of study within the secondary teaching areas. These 500-level courses may be selected from offerings by the various departments at Hood, including the Education Department, and must be approved by the adviser. Students may select from the following listing of

content areas, provided that they have met course prerequisites and any subject matter departmental requirements. Check with your adviser for course availability and additional courses that may become available:

### Art

#### Biomedical Science

BMS 511	Protein Biochemistry	3.0
BMS 512	Biochemistry of Intermediary Metabolism	3.0
BMS 523	Cell Structure & Function	3.0
BMS 524	Molecular Biology Eukaryotic Cells	3.0

### Chemistry

#### Computer Science

### Economics

### Education

### English

#### Environmental Biology

ENV 501	Intro to Environmental Biology	3.0
ENV 502	Principles of Ecology	3.0
ENV 503	Pollution Biology	3.0
ENV 507	Natural Resource Management	3.0

### French

### German

### History

#### Mathematics

MATH 500	Statistics	3.0
MATH 501	Explorations in Geometry	3.0
MATH 502	Explorations in Algebra	3.0
MATH 505	Discrete Math	3.0
MATH 507	Introduction to Graph Theory	3.0
MATH 509	Elementary Number Theory	3.0
MATH 546	Operations Research	3.0
EDUC 547	Geometry & Measurement in E/M School	3.0

Some of these courses may be applied toward the Mathematics Department's Certificate in Secondary Mathematics Education program (p. 131). This certificate does not lead to initial teacher certification.

#### Mathematics Education

EDUC 551	The Teaching of Geometry	3.0
EDUC 552	The Teaching of Algebra	3.0
EDUC 595	Teaching Statistics & Probability	3.0
EDUC 596	Teaching of Mathematical Modeling	3.0

### Political Science

### Psychology

### Sociology

### Spanish

### PHASE III:

**Candidates enrolled in the M.S. in Curriculum and Instruction degree program in Phase III must successfully meet the following requirements:**

1. Maintain a 3.0 cumulative grade point average in the capstone course: EDUC 597 Action Research.
2. Complete acceptable performance activities as part of the collaborative practice component in EDUC 597.

3. Successful evaluation of a yearlong action research project.
4. Complete the Exit Survey, a self-assessment measure on the Institutional Outcomes.

### PROGRAM FOLLOW UP

Program completers in the Curriculum and Instruction program will complete the following activities:

1. Program Evaluation Survey at the completion of the action research course.
2. Program Survey one year after program completion.
3. Program Survey five years after program completion.

## CURRICULUM AND INSTRUCTION: SPECIAL EDUCATION CONCENTRATION

This program is designed primarily for special education, early childhood, elementary or secondary education classroom teachers. It seeks to prepare them to deal with students with disabilities in general or in special education classrooms. Emphasis is placed on providing a balance of theoretical background and methodology appropriate for the needs of exceptional children and youth. **This program does not lead to initial teaching certification.**

The special education program reflects state of Maryland education certification areas: generic (mild and moderate disabilities), noncategorical education for students with disabilities at a designated age-grade level. Students without any teacher certification who are seeking initial certification in Special Education (Grades 1-8) are referred to Initial Teaching Certification. Hood does not offer an approved program for currently-certified teachers who wish to obtain additional certification in special education.

### PHASE I: PROFESSIONAL EDUCATION CORE COURSES

See *Phase I: Professional Education Core Courses* (p. 117) under Curriculum and Instruction, M.S. for a complete list.

### PHASE II:

#### Foundation Courses (three):

In addition to the five professional education core courses for the M.S. degree, all candidates in the Special Education Concentration must complete three courses in special education content coursework for 9 credits:

EDUC 565	Classroom Org/Mgmt in Special Educ	3.0
EDUC 571	History,Phil,Legal Foundations of SpEd	3.0
EDUC 583	Princ of Curr Development & Appraisal	3.0

EDUC 571: Waived if student has taken special education survey or mainstreaming course at the undergraduate or graduate level within five years and obtained a grade of "B." An elective may then be selected by the student.

#### Content Electives (four):

In addition to the professional education core and foundation courses, the candidate must select four elective courses. One must be taken in reading. (12 credits)

EDUC 573	Assess,Diagnosis,Prescription in SpEd	3.0
EDUC 574	Curr & Meth in SpEd:Rdg,Lang Arts,Soc St	3.0
EDUC 576	Curr & Meth in SpEd:Math and Science	3.0

### Reading

EDUC 511	Children's Literature	3.0
EDUC 517	Materials for Teaching Reading	3.0
EDUC 518	Reading Instruction:Elementary	3.0
EDUC 520	Reading Diagnosis	3.0
EDUC 521	Contemporary Issues:Teaching Reading	3.0
EDUC 535	Integrating Elem Curric thru Lang Arts	3.0

### PHASE III:

**Candidates enrolled in the M.S. in Curriculum and Instruction degree program in Phase III must successfully meet the following requirements:**

1. Maintain a 3.0 cumulative grade point average in the capstone course: EDUC 597 Action Research.
2. Complete acceptable performance activities as part of the collaborative practice component in EDUC 597.
3. Successful evaluation of a yearlong action research project.
4. Complete the Exit Survey, a self-assessment measure on the Institutional Outcomes.

### PROGRAM FOLLOW UP

Program completers in the Curriculum and Instruction program will complete the following activities:

1. Program Evaluation Survey at the completion of the action research course.
2. Program Survey one year after program completion.
3. Program Survey five years after program completion.

## EDUCATIONAL LEADERSHIP PROGRAM, M.S.

**Program Director:** Roger Stenersen, stenersen@hood.edu; 301-696-3766

The Educational Leadership program provides students with a comprehensive foundation in the principles and practices of school administration and supervision. The Educational Leadership program offers two options: a Master of Science degree in Educational Leadership and an Educational Leadership Certification program for those who hold a master's degree in a related field. This program is approved by the Maryland State Department of Education (MSDE) for both Administrator I and Administrator II certification. Students who complete either option of the program will receive their certification through MSDE and not Hood College. The program is designed for:

- Certified teachers who wish to have a master's degree and be certified in administration and supervision.
- Persons holding a bachelor's degree in education who seek a graduate degree to enhance their opportunity to work in the fields of administration and supervision.
- Teachers who want a graduate degree with a broad background in the fields of administration and supervision
- Teachers who have a master's degree and who seek certification in administration and supervision

### Program Requirements:

The Educational Leadership Program allows graduate students to complete their Administrator I and II certifications by selecting one of the following two options:

1. M.S. in Educational Leadership Degree Program

Students enrolled in this track must complete 36 credit hours of required courses and pass a comprehensive examination from the Educational Testing Service (ETS), The School Leaders Licensure Assessment (SLLA).

## 2. Educational Leadership Certification Program

Students enrolled in this track who have a master's degree in a related education field must complete 18 credit hours in six required courses and successfully pass the SLLA. Students enrolled in this program are not eligible to transfer in any credits. Although not required, students enrolled in this program are strongly encouraged to take EDUC 502 Technology for Literacy, Leadership and Learning as the first course prior to taking any of the 18 credit hours in the six required courses.

In order to obtain the Administrator I Certificate endorsement in Maryland, the student must qualify for a Maryland State Advanced Professional Certificate in an educationally related field and have completed three years of successful teaching or related experience in a school setting in addition to the Educational Leadership program. The M.S. in Educational Leadership and the Educational Leadership Certification program lead to both the Administrator I and Administrator II Certificate endorsement because of the SLLA requirement.

### Unit Assessment Organization

In compliance with The Council for the Accreditation of Educator Preparation (CAEP) requirements, both programs are organized into three phases for the purpose of uniform performance data collection for Unit Assessment and the eventual improvement of both programs.

### Application Requirements

Submit one official transcript reflecting the highest degree conferred. Applicants must submit a letter of recommendation from a current supervisor. Qualified applicants will be contacted for an interview with the program director of Educational Leadership based on Dispositions of the Six Institutional Outcomes (program expectations and requirements are explained to the applicant at this time). At the interview, the applicant will be asked to respond to one of two writing prompts in which the applicant responds to a school setting situation with leadership actions.

### Certification Program

Submit one official transcript reflecting the highest degree conferred. Applicants must submit a letter of recommendation from a current supervisor. Qualified applicants will be contacted for an interview and an essay.

For additional admission information, see *Graduate Admission* (p. 98).

## PHASE I - ADVANCEMENT TO FULL CANDIDACY

### 1. Maintain a 3.0 cumulative grade point average in the following first four required courses:

EDUC 502	Tech for Literacy, Leadership & Learning	3.0
EDUC 577	Introduction to Educational Research	3.0
EDUC 581	Research-Based Tchng, Lrng, Assessment	3.0
EDUC 582	Educational Philosophy in a Diverse Soc	3.0

EDUC 502: (must be taken as the first course in the M.S. in Educational Leadership degree program).

Students in the Educational Leadership Certification program are not required to take EDUC 577 as a prerequisite for EDUC 583.

The Graduate School will re-register students for EDUC 587 or EDUC 588, a yearlong course, in the spring as "IP" (In Progress) until a final grade is submitted. Students are responsible for paying the Graduate School comprehensive fee each fall and spring semester until the course is completed.

### 2. Submit acceptable performance activities at a proficient or advanced level in all Phase I courses.

Based on the successful completion of the above requirements, candidates in the M.S. in Educational Leadership degree program are advanced to full candidacy and may continue to Phase II after receiving the following decisions: advance to candidacy; or advance to candidacy on a conditional basis pending Alert Forms review, if applicable, and an overall review by the Educational Leadership Advisory Council. Candidates not meeting Phase I requirements are denied advancement to candidacy based on review by the Educational Leadership Advisory Council and program director.

Candidates enrolled in the Educational Leadership Certification program are exempted from this phase based on the possession of their earned master's degree in a related education field.

## PHASE II - MIDPOINT TRANSITION

Candidates enrolled in the M.S. in Educational Leadership degree program will be advanced to Phase III (Intensive Clinical Practice) based on the successful completion of the following Phase II requirements:

### 1. Maintain a 3.0 cumulative grade point average on the following six courses in this midpoint transition phase:

EDUC 513	School Law	3.0
EDUC 514	Administration of Student Services	3.0
EDUC 578	Educational Leadership/Group Dynamics	3.0
EDUC 583	Princ of Curr Development & Appraisal	3.0
EDUC 584	Systemic Change Proc/Sch Improvement	3.0
EDUC 586	Principles of Educational Supervision	3.0

EDUC 513, EDUC 583, EDUC 584, EDUC 586: Educators who already have a master's degree in a related educational field can take 18 credit hours of courses, these included, from this program to qualify for a Maryland Administrator I and Administrator II Certificate through the Educational Leadership Certification program.

*EDUC 586: must be the final course in Phase II*

### 2. Submit acceptable performance activities at a proficient or advanced level for all courses in Phase II.

### 3. Submit an acceptable Developmental Folio.

### Requirements to advance to Phase III:

Candidates enrolled in the Educational Leadership Certification program will be advanced to Phase III (Intensive Clinical Practice) based on the successful completion of the following Phase II requirements:

### 1. Maintain a 3.0 cumulative grade point average on the following four courses:

EDUC 513	School Law	3.0
EDUC 583	Princ of Curr Development & Appraisal	3.0
EDUC 584	Systemic Change Proc/Sch Improvement	3.0
EDUC 586	Principles of Educational Supervision	3.0

EDUC 513, EDUC 583, EDUC 584, EDUC 586: Educators who already have a master's degree in a related educational field can take 18 credit hours of courses, these included, from this program to qualify for a Maryland Administrator I and Administrator II Certificate through the Educational Leadership Certification program.

**2. Members of the Educational Leadership Advisory Council will review the above requirements.**

They will review all requirements in Phase II and any Alert Forms and advance the candidate to Phase III with one of the following decisions: Advancement to Phase III, Conditional Advancement to Phase III or Denial of Advancement to Phase III.

### PHASE III - INTENSIVE CLINICAL PRACTICE

Interns in both programs in Phase III must successfully meet the following requirements:

**1. Maintain a 3.0 cumulative grade point average in the internship course:**

EDUC 587	Elementary Sch Administrative Internship	3.0
	or	
EDUC 588	Secondary Sch Administrative Internship	3.0
EDUC 589	School Business/Personnel Administration	3.0

EDUC 587, EDUC 588: The Graduate School will re-register students for the course in the spring as "IP" (In Progress) until a final grade is submitted. Students are responsible to pay the Graduate School comprehensive fee each fall and spring semester until the course is completed.

EDUC 589: (the candidate's professional development plan is completed in this course).

**2. Submit acceptable performance activities at a proficient or advanced level in the internship and in:**

Interns in the Educational Leadership program must also submit at an acceptable level, proficient or advanced, a résumé and updated professional development plan.

EDUC 589	School Business/Personnel Administration	3.0
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**3. Successful evaluation (at a proficient or advanced level) from the mentor.**

**4. Successful evaluation (at a proficient or advanced level) from the College supervisor.**

### PROGRAM COMPLETION

Interns in both programs are required to pass the School Leaders Licensure Assessment (SLLA) in order to complete the requirements for the M.S. in Educational Leadership degree program or the Educational Leadership Certification program.

### PROGRAM FOLLOW UP

Program completers in both programs will complete the following activities:

1. Assessment of Dispositions and Program Exit Survey at the end of the yearlong internship
2. Program survey one year after program completion.
3. Program survey five years after program completion.

Candidates enrolled in the Educational Leadership Certification program are exempted from this phase based on the possession of their earned master's degree in a related education field.

## READING SPECIALIZATION, M.S.

**Program Director:** Ellen Koitz, Ed.D. koitz@hood.edu; 301-696-3466

The Master of Science in Reading Specialization degree program provides the understanding and competencies necessary for the reading specialist certificate. Open to certificated teachers who will have three or more years of teaching experience by the time the master's degree is conferred, it is directed to the reading needs of all school children (K-12). A supervised experience in a reading clinic is the capstone to a course sequence that provides both breadth and depth in reading specialization. Graduation from this program leads to Maryland certification as a reading specialist.

### Unit Assessment Organization

In compliance with The Council for the Accreditation of Educator Preparation (CAEP) requirements, the M.S. in Reading Specialization degree program is organized into three phases for the purpose of uniform performance data collection for Unit Assessment and the eventual improvement of the program.

### Application Requirements

Students applying to the Reading Specialization program must submit one official transcript reflecting the highest degree conferred. Qualified applicants will be contacted for an interview with the program director of the M.S. in Reading Specialization program based on Dispositions of the Six Institutional Outcomes (program expectations and requirements are explained to the applicant at this time). In addition, applications must produce an acceptable writing sample during the interview process. For additional admission information, see *Graduate Admission* (p. 98).

### PHASE I: ADVANCEMENT TO FULL CANDIDACY

Candidates enrolled in the M.S. in Reading Specialization degree program will be advanced to full candidacy based on the successful completion of the following:

**1. Maintain a 3.0 cumulative grade point average in the following three required courses (and one reading course).**

Acceptable SPA performance activities will be submitted in these three classes.

EDUC 502	Tech for Literacy,Leadership & Learning	3.0
EDUC 577	Introduction to Educational Research	3.0
EDUC 582	Educational Philosophy in a Diverse Soc	3.0

**2. Enroll in EDUC 515 or show evidence of taking a Processes and Acquisition of Reading course as an undergraduate or through an in-service course (before enrolling in reading courses).**

EDUC 515	Processes & Acquisition of Reading	3.0
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Based on the successful completion of the above requirements, candidates in the M.S. in Reading Specialization degree program are advanced to full candidacy and may continue to Phase II after receiving the following decisions: advance to candidacy; advance to candidacy on a conditional basis pending Alert Forms review and an overall review by the Reading Specialization Advisory Council; and denial of advancement to candidacy based on review by the Reading Specialization Advisory Council.

### PHASE II: MIDPOINT TRANSITION

Candidates enrolled in the M.S. in Reading Specialization degree program will be advanced to Phase III (Intensive Collaborative Practice)

based on the successful completion of the following Phase II requirements:

**1. Maintain a 3.0 cumulative grade point average in the following courses (one was taken in Phase I)**

Acceptable SPA performance activities will be required in these courses.

EDUC 517	Materials for Teaching Reading	3.0
EDUC 518	Reading Instruction:Elementary	3.0
EDUC 519	Reading Instruction:Secondary	3.0
EDUC 520	Reading Diagnosis	3.0
EDUC 529	Literacy Leadership	3.0

**2. Pass comprehensive examination**

EDUC 523	Reading Diagnosis/Prescription:Clinical	3.0
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Members of the Reading Specialization Advisory Council will review the above requirements in Phase II and any Alert Forms and advance the candidate to Phase III with one of the following decisions: Advancement to Phase III, Conditional Advancement to Phase III or Denial of Advancement to Phase III.

**PHASE III: INTENSIVE COLLABORATIVE PRACTICE**

Candidates must successfully meet the following requirements:

**1. Maintain a 3.0 cumulative grade point average in the practicum courses.**

Acceptable SPA performance activities will be required in these courses.

EDUC 521	Contemporary Issues:Teaching Reading	3.0
EDUC 524	Adv Clinical Reading Exper: Elementary	3.0
EDUC 525	Adv Clinical Reading Exper: Secondary	3.0

An exit folio is required.

**2. Successful evaluation from the lead teachers and director of the practicum courses.**

**PROGRAM COMPLETION**

1. Receive a distinguished or proficient rating on the exit folio.
2. Exit interview with program director.
3. Program survey one year after program completion.
4. Program survey five years after program completion.

**ENVIRONMENTAL BIOLOGY, M.S.**

**Program Director:** April Boulton, Ph.D. [boulton@hood.edu](mailto:boulton@hood.edu); 301-696-3649

The Master of Science in Environmental Biology program is specifically designed to meet the needs of environmental professionals and educators who wish to pursue a graduate degree part time while working full time during the day. Hood's program is the only part-time graduate program in the region that emphasizes a field and laboratory approach to learning and promotes hands-on research opportunities for students.

The Master of Science in Environmental Biology provides students with a comprehensive foundation in the principles and practices of environmental biology.

It is designed for:

- Persons holding a bachelor's degree in environmental biology or a closely related discipline and currently employed as environmental professionals who seek a graduate degree for professional development and career advancement;

- Teachers holding a bachelor's degree in science education who wish to obtain a graduate degree;
- Environmental professionals with a graduate degree who are interested in updating their academic background and keeping abreast of new developments in the discipline; and
- Persons holding a bachelor's degree in a discipline other than environmental biology who seek a graduate degree in order to gain the academic expertise necessary to make a job change to a career in environmental biology.

**Application Requirements**

Students applying for the Environmental Biology program must complete an essay (550 words or less) that includes background experience and future goals. All official transcripts must be submitted. Two letters of recommendation are suggested but not required. A minimum 2.75 cumulative GPA is required for admission to the Graduate School and to the Environmental Biology program, however a GPA of 3.0 or higher is preferred.

For additional admission information, see *Graduate Admission* (p. 98).

**PROGRAM REQUIREMENTS**

The program has two tracks, a research and non-research track—both requiring the completion of 33 credits. The research track includes either a 6-credit thesis (invitation only) or a 3-credit independent research project. The non-research track includes either a 3-credit internship at an approved agency or an intensive capstone course as the final programmatic experience. Both tracks are designed for students from a variety of academic backgrounds.

A required core of courses provides students with a comprehensive background in all aspects of environmental biology. Students will be able to place environmental issues into a broad social, political and economic context; but the primary core course emphasis will be on using environmental biology principles to identify and solve environmental problems.

The elective courses provide each student with the opportunity to tailor her or his program to meet particular professional needs. Some electives are clearly rooted in natural science and mathematics and are the ones most students will choose in order to further their careers in environmental research, regulation, consulting and teaching. Other electives come from the social and political sciences and are well-suited for students planning to enter the realm of public policy. There are also 1-credit elective offerings that stress laboratory and field techniques. Three of these one-credit courses may be taken in lieu of one 3-credit elective for thesis students. All other students (project option or non-research track) must complete three of the 1-credit courses as part of their 33 credit minimum.

**Required Courses**

**All students must complete the following:**

ENV 501	Intro to Environmental Biology	3.0
ENV 502	Principles of Ecology	3.0
ENV 503	Pollution Biology	3.0
ENV 505	Biostatistics	3.0
ENV 507	Natural Resource Management	3.0

**All students must complete one of the following (3 credits each):**

ENV 512	Insect Ecology	3.0
ENV 513	Marine Ecology	3.0

ENV 541	Behavioral Ecology	3.0
ENV 551	Plant Ecology	3.0
ENV 563	Freshwater Ecology	3.0

**Research Track - 33 credits:**

After the successful completion of 12 ENV credits, students are required to meet with their adviser to discuss the student's remaining academic path. Once the research track is chosen, a student may not switch from this track to the non-research track.

**Thesis Option:**

Upon the successful completion of 12 ENV credits, ENV faculty will invite a limited number of exceptional students to complete a comprehensive thesis project. If the student accepts, he/she is responsible for securing a thesis advisor and committee. Thesis students must complete 6 elective credits, as well as ENV 515 and ENV 580 Thesis (6 credits), for a program total of 33 credits.

**Independent Project Option:**

Students choosing to complete an independent project must complete ENV 515 and ENV 579 Project (3 credits), and 9 elective credits for a program total of 33 credits. Of the 9 elective credits, 3 must be designated as lab or field credits (ENV 522-528 and ENV 565).

**Non-research Track - 33 credits:**

After the successful completion of 12 ENV credits, students are required to meet with their adviser to discuss the student's remaining academic path. If the non-research track is chosen, he/she has the flexibility to switch between the two options under this track, but it is not possible to change from a non-research track to a research track. Students in the non-research track are required to complete a program total of 33 credits, which includes 12 elective credits; three of the 12 elective credits must be designated as lab or field credits, such as ENV 522-528 and ENV 565.

**Internship Option:**

As part of their 33 credits, internship students will complete a 3-credit internship (ENV 591) at an approved facility through the Campus Career Center.

ENV 591	Internship in Environmental Biology	3.0
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**Capstone Option:**

As part of their 33 credits, capstone students must successfully complete:

ENV 578	Climate Change Capstone	3.0
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Once a student enrolls in ENV 578, he/she is not permitted to change options within the non-research track.

**Elective Courses**

Electives include, but are not limited to, the following:

BMS 537	Introduction to Bioinformatics	3.0
CHEM 501	Environmental Chemistry	3.0
ECPS 514	Environmental Policy	3.0
ENV 506	Environmental Microbiology	3.0
ENV 511	Conservation Biology	3.0
ENV 550	Current Topics in Environmental Bio	3.0
ENV 564	Environmental Toxicology	3.0
ENV 575	Independent Study	1.0 - 6.0
ENV 577	Climate Change	3.0
ENV 599	Special Topics	6.0
PSCI 500	Government in Contemporary Society	3.0

**If not taken as part of core requirements:**

ENV 512	Insect Ecology	3.0
ENV 513	Marine Ecology	3.0
ENV 541	Behavioral Ecology	3.0
ENV 551	Plant Ecology	3.0
ENV 563	Freshwater Ecology	3.0

**HUMAN SCIENCES, M.A.**

**Program Director:** Robert W. Boyle, Ph.D. boyle@hood.edu; 301-696-3764

The Master of Arts in Human Sciences program offers an interdisciplinary approach to the study of human nature and complexity and the problems of contemporary society. The goal of the program is to provide a deeper understanding of human experience and the world we live in and to broaden students' perspectives and understanding of human behavior as they apply to students' current professional and civic roles. As such, the goal is to provide existing career enhancement, *not* to qualify the student to become a professional psychologist or counselor. The MA program is open to qualified applicants to the Graduate School.

**Application Requirements**

Students applying for the Human Sciences program must submit one official transcript reflecting the highest degree conferred. Submit a written statement of goals. The quality of the personal statement's content and structure carries considerable weight in determining admission to this program.

For additional admission information, see *Graduate Admission*. (p. 98)

*NOTE: Course substitutions are not permitted. A student may be exempted from these requirements by petition to the appropriate department. The petition must be in writing and, if approved, written evidence of the exemption must be forwarded to the Graduate School by the program director. The exemption is made a part of the student's record. When a course is formally exempted, another course must be taken. Exemption does not constitute credit.*

**PROGRAM REQUIREMENTS**

Two routes to the master's degree in the human sciences are available. They are:

- 30 credits plus a comprehensive written examination.
- 36 credits that include a Master's thesis (by permission only, see below).

**COURSE REQUIREMENTS**

**Completion of six Human Sciences credits. Students elect any two of the following:**

ECON 551	Foundations of Economics	3.0
MATH 500	Statistics	3.0
PSCI 500	Government in Contemporary Society	3.0
SOC 523	Ethnicity in the United States	3.0

**Completion of 12 Psychology credits. Students take the following four Psychology courses:**

PSY 500	Human Development as a Lifelong Process	3.0
PSY 501	Theories of Personality	3.0
PSY 505	Social Psychology: A Survey	3.0
PSY 531	Abnormal Psychology	3.0

**Completion of 12 elective credits. Students elect any four of the following elective courses:**

GERO 554	Social Gerontology	3.0
GERO 555	Psychological Aspects of Aging	3.0
GERO 556	Health and Aging	3.0
GERO 599	Special Topics in Gerontology	3.0
PSY 508	Intro to Counseling & Helping Skills	3.0
PSY 509	Learning and Memory	3.0
PSY 511	Theory and Principles of Counseling	3.0
PSY 518	Physiological Psychology	3.0
PSY 534	Tests and Measurements	3.0
PSY 556	Behavior Modification	3.0
PSY 575R	Research Literature Review	1.0
PSY 590	Teaching Assistantship	1.0 - 3.0
PSY 595	Independent Research Project	3.0
THAN 520	Introduction to Thanatology	3.0
THAN 521	Mourning & Princ of Counseling Bereaved	3.0
THAN 523	Dying & Principles of Care for the Dying	3.0
THAN 524	Hospice:History,Princ & Administration	3.0
THAN 525	Seminars in Thanatology	1.0
THAN 527	AfAm Perspectives in Thanatology	3.0
THAN 528	Developmental Perspectives:Thanatology	3.0
THAN 529	Historical/Multicultural Persp:Thanatol	3.0

PSY 508, PSY 575R, PSY 590, PSY 595, THAN 525: Not eligible for the comprehensive exam.

## CERTIFICATE OPPORTUNITIES

### Certificate in Thanatology

In addition to the MA degree in Human Sciences, students may obtain a **Certificate in Thanatology** if they choose the following as their four elective courses:

THAN 520	Introduction to Thanatology	3.0
THAN 521	Mourning & Princ of Counseling Bereaved	3.0
THAN 523	Dying & Principles of Care for the Dying	3.0
THAN 528	Developmental Perspectives:Thanatology	3.0

Students must indicate intent to complete the Certificate in Thanatology by emailing the Graduate School at hoodgrad@hood.edu.

### Certificate in Gerontology

In addition to the MA degree in Human Sciences, students may obtain a **Certificate in Gerontology** if they choose the following as their four elective courses:

GERO 554	Social Gerontology	3.0
GERO 555	Psychological Aspects of Aging	3.0
GERO 556	Health and Aging	3.0
GERO 599	Special Topics in Gerontology	3.0

Students must indicate intent to complete the Certificate in Gerontology by emailing the Graduate School at hoodgrad@hood.edu.

*NOTE: Course substitutions are not permitted. A student may be exempted from these requirements by petition to the appropriate department. The petition must be in writing and, if approved, written evidence of the exemption must be forwarded to the Graduate School by the program director. The exemption is made a part of the student's record. When a course is formally exempted, another course must be taken. Exemption does not constitute credit.*

## A COMPREHENSIVE EXAMINATION OR MASTER'S THESIS

### Comprehensive exam

Students take a comprehensive examination of *five completed courses*: any three of the four required Psychology courses and any two electives (except starred courses). Students must pass at least four of the five course examinations.

### Master's Thesis

Students may choose to write a thesis which would require an *additional six credits* above the 30-credit course requirement. Students with strong statistics and research methodology backgrounds must obtain faculty permission to pursue this option.

## GRADUATES OF THE PROGRAM

Graduates of the versatile M.A. program in Human Sciences have worked in a wide range of areas, including:

- schools/universities
- alternative health practices
- government
- community service organizations
- juvenile justice system
- community organizing
- conflict resolution/mediation
- international group facilitation
- political and social activism
- human resources
- community health centers
- occupational therapy centers
- non-governmental organizations (NGOs)
- ministry
- social entrepreneurship
- public policy research
- restorative justice
- international relief
- media

## HUMANITIES, M.A.

**Program Director:** Corey Campion, Ph.D. [campion@hood.edu](mailto:campion@hood.edu); 301-696-3227

The Master of Arts in Humanities is a 30-credit interdisciplinary program.

### Application Requirements

Students applying for the M.A. in Humanities program must complete a formal essay of no more than 500 words, discussing how this degree relates both to previous academic experience and to their occupational or personal goals, and identifying a proposed area of study within the program. The quality of the essay's content and structure carries considerable weight in determining admission to this program. Official transcripts from all institutions attended must be submitted. While the cumulative G.P.A. is a significant factor in the application review, a candidate's record of humanities courses will be closely examined. Some students may be required to provide additional information, such as a

recommendation letter and/or a phone interview with the program director.

For additional admission information, see *Graduate Admission*. (p. 98)

## PROGRAM REQUIREMENTS

### Two 4-credit seminars:

Substitutions for these courses are not permitted and transfer credit will not be accepted as exemptions for any foundation or capstone course.

HUM 501	Humanities and the Western Tradition I	4.0
HUM 502	Humanities and the Western Tradition II	4.0

HUM 501 is offered in the fall. HUM 502 is offered in the spring.

### Six 3-credit elective courses, at least four of which constitute the concentration

(see below)

### One 4-credit Capstone course

HUM 595	Research Project	4.0
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## DESCRIPTION OF REQUIREMENTS

### The Concentration

- Every student will have a concentration, either chosen from a list of suggested concentrations in the Humanities Handbook <http://www.hood.edu/gradforms/> or designed by the student.

### The Capstone

- Upon completion of at least 23 Humanities credits, a student may be invited by MAHAC (MAH Advisory Committee) to complete a Capstone project. This is an independent research project, or a creative writing project with an academic introduction. The student will work closely with a faculty advisor and two other faculty members. The project is expected to be between forty and eighty pages in length, exclusive of footnotes or other documentation. Further guidelines are available in the MAH Student Handbook and Capstone Guidelines <http://www.hood.edu/gradforms/>.

### The Portfolio

- After completing HUM 501, HUM 502 and the concentration, for a total of at least 23 credits, every student who will not be completing a Capstone project, will complete HUM 594, Humanities Portfolio. The 4-credit portfolio is the final program requirement. The student will select one substantial paper each from three of the Concentration courses, and work closely with the Portfolio advisor to develop and revise these papers. Emphasis will be placed on creating a Concentration-based connection between these papers.

## INFORMATION TECHNOLOGY, M.S.

**Program Director:** Ahmed Salem, Ph.D. [salem@hood.edu](mailto:salem@hood.edu); 301-696-3731

The Master of Science in Information Technology degree is a 30-credit program of graduate study for professional development. It is intended for:

- Persons holding bachelor's degrees in computer science or a related field who will enter the program at an advanced level; and

- Persons holding bachelor's degrees in a discipline other than computer or information science who are seeking preparation for careers in these fields.

The program is open to qualified applicants to the Graduate School. It is designed to enable students with varying entering levels of competency to meet their individual educational needs.

The program is intended for people who will be managing or integrating information technology in a variety of environments. The objective is to provide the concepts, framework and techniques needed to optimize the use of information technology resources within these environments.

### Application Requirements

Students applying to the Information Technology program must submit all official transcripts and a résumé/CV that provides educational and professional experience with specific information about mathematics background, programming background, if any, and technical skills must be submitted. Applicants should also provide a statement of purpose indicating their motivation for choosing the program and the goals they hope to achieve through completing it.

For additional admission information, see *Graduate Admission* (p. 98).

## PROGRAM REQUIREMENTS

### Prerequisite Courses

The Master of Science in Information Technology requires completion of prerequisite courses designed to provide the appropriate background knowledge. Students with undergraduate degrees in computer science or a related field may apply for exemptions from some or all of these prerequisite courses. The prerequisite courses are:

IT 510	Computing Hardware/Software Systems	3.0
IT 512	Elements of Computer Programming	3.0

Information on exemption from the prerequisite courses may be obtained from the Department of Computer Science.

### Core Requirements

IT 514	Contemporary Issues in Info Tech	3.0
IT 515	Object Oriented Methods	3.0
IT 518	Systems Engineering & Integration	3.0
IT 530	Applied Database Systems	3.0
IT 548	Telecommunications and Networking	3.0
CSIT 555	Info Systems Security	3.0

### Electives

The remaining courses used to complete the student's program are elective courses that are selected in consultation with the adviser. At least two courses must be selected from courses with an IT prefix. Other elective courses are selected freely from the department's computer science and information technology offerings.

### Program Options

There are two options for the program. The first requires that the student complete 30 credits of graduate coursework beyond the prerequisite courses. The second requires that the student complete at least 24 credits of graduate coursework beyond the prerequisite courses, plus complete 6 credits of one of the following: thesis or fieldwork project. Students must get permission from the department and their adviser before enrolling in any of these 6-credit options.

IT 580	Master's Thesis Preparation	6.0
IT 585	Master's Field Work Project	6.0

## MANAGEMENT OF INFORMATION TECHNOLOGY, M.S.

**Program Director:** Ahmed Salem, Ph.D. salem@hood.edu; 301-696-3731

The Master of Science in Management of Information Technology is an interdisciplinary degree designed to meet the growing demand for managers with business and information technology skills. Students completing the program will be able to assess corporate IT needs; formalize these needs into requirements and specifications; design integrated IT solutions; assess the cost/benefit of such solutions; determine the impact on operations of such solutions; evaluate alternative technologies; manage the development, implementation and deployment of IT solutions; manage large technology projects; and manage technical employees.

The 36-credit program provides students with knowledge and skills related to:

- Business issues associated with the management of complex, large technology projects and the people who work within those projects;
- Information technology and the issues that must be confronted in order to consider, design, develop, manage, implement and deploy successful information technology solutions within organizations.

The program is intended for students with undergraduate degrees in the computing sciences, information technology or business, or professionals with an undergraduate degree in any discipline who are already employed in an information technology area. Persons without this background can successfully enter and complete the program but may have to complete a series of foundation courses in order to attain the appropriate background for study.

Full-time graduate students who are exempt from the foundation courses should be able to complete the requirements for the degree in two years. However, the program is designed to accommodate the needs of professionals attending on a part-time basis who wish to complete their degrees by taking classes in the evening.

### Application Requirements

Students applying to the Management of Information Technology program must submit all official transcripts and a résumé/CV that provides educational and professional experience with specific information about mathematics background, programming background, if any, and technical skills must be submitted. Applicants should also provide a statement of purpose indicating their motivation for choosing the program and the goals they hope to achieve through completing it.

## PROGRAM REQUIREMENTS

### Foundation Courses

The Master of Science in Management of Information Technology requires the completion of six foundation courses designed to provide the appropriate prerequisite background for the major. The program director determines the required foundation courses or exemptions based on a thorough evaluation of transcripts and other supporting documents. The objective is to ensure the student is well prepared and ready to succeed in the program.

IT 510	Computing Hardware/Software Systems	3.0
IT 512	Elements of Computer Programming	3.0
MATH 500	Statistics	3.0

ECON 551	Foundations of Economics	3.0
MGMT 551	Management Theory	3.0
MGMT 552	Quantitative Methods for Managers	3.0

### Required Courses

The courses required for the program provide breadth and depth of knowledge in both management and information technology. The 36-credit program requires, beyond the foundation courses,

### Economics Courses

ECON 560	Managerial Economics	3.0
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### Management Courses

MGMT 560	Leadership & Organizational Behavior	3.0
MGMT 561	Financial Management	3.0
MGMT 564	Production & Operations Management	3.0
MGMT 566	Information Management & Technology	3.0
MGMT 585	Human Resource Management	3.0

### Interdisciplinary Courses

ITMG 527	Mgmt Issues in Information Systems	3.0
ITMG 533	Managing Technical Project Teams	3.0

### Information Technology Courses

IT 514	Contemporary Issues in Info Tech	3.0
IT 518	Systems Engineering & Integration	3.0
IT 530	Applied Database Systems	3.0
IT 548	Telecommunications and Networking	3.0

## MATHEMATICS EDUCATION, M.S.

**Program Director:** Elizabeth Mayfield, Ph.D. mayfield@hood.edu; 301-696-3736

The Master of Science in Mathematics Education is a 30-credit degree program consisting of 10 required and elective courses in mathematics, computer science and education. It is designed for current mathematics teachers seeking to enhance their professional qualifications through graduate study. Individuals who graduate from the program will acquire knowledge and skill in both mathematics and its teaching. Courses are offered in the late afternoon and evening, and in the summer, to accommodate working teachers.

Each student in the program must create and submit an electronic exit portfolio of artifacts— work completed in designated courses in the program. Students are responsible for collecting, refining, and saving artifacts as they proceed through the program using the Chalk and Wire electronic portfolio software. The portfolio will be evaluated by a committee including the program director and other program faculty. Successful completion of the portfolio is a requirement for completion of the degree.

The portfolio must be submitted by October 1 for January graduates, February 1 for May graduates, and June 1 for September graduates. Students may submit the portfolio at any time after completing 21 credits in the program including a minimum of 9 credits of Education courses from among EDUC 551, EDUC 552, EDUC 595, and EDUC 596.

### Application Requirements

Students applying to the Mathematics Education program must submit all official transcripts and complete a one-page statement describing how the M.S. in Mathematics Education relates to their previous academic and professional experience and to their occupational or personal goals.

For additional admission information, see *Graduate Admission* (p. 98).

### There are two tracks in the program:

- A track for teachers of middle school mathematics, especially those who may not hold an undergraduate degree in mathematics;
- A track for teachers of high school mathematics, or those who have completed an undergraduate major in mathematics. **This program does not lead to initial teaching certification.**

## PROGRAM REQUIREMENTS

### Middle School Track

(For students without an undergraduate degree in mathematics)

#### Four courses in mathematics:

MATH 500	Statistics	3.0
MATH 501	Explorations in Geometry	3.0
MATH 502	Explorations in Algebra	3.0
MATH 505	Discrete Math	3.0

#### Four courses in education:

EDUC 551	The Teaching of Geometry	3.0
EDUC 552	The Teaching of Algebra	3.0
EDUC 595	Teaching Statistics & Probability	3.0
EDUC 596	Teaching of Mathematical Modeling	3.0

#### Two electives:

CS 503	Algorithms & Programming I	3.0
EDUC 546	Numb, Oper, Alg Thinking E/M School	3.0
EDUC 547	Geometry & Measurement in E/M School	3.0
EDMA 579	Capstone Project	3.0
EDUC 597	Action Research Special Project	3.0
IT 512	Elements of Computer Programming	3.0
MATH 599	Special Topics	3.0

MATH 599: (rotating topics, offered in the summer)

### High School Track

(For students with a mathematics degree)

#### Four courses in mathematics:

MATH 500	Statistics	3.0
MATH 505	Discrete Math	3.0
MATH 507	Introduction to Graph Theory	3.0
MATH 509	Elementary Number Theory	3.0

#### Four courses in education:

EDUC 551	The Teaching of Geometry	3.0
EDUC 552	The Teaching of Algebra	3.0
EDUC 595	Teaching Statistics & Probability	3.0
EDUC 596	Teaching of Mathematical Modeling	3.0

#### One elective:

CS 503	Algorithms & Programming I	3.0
IT 512	Elements of Computer Programming	3.0
MATH 546	Operations Research	3.0
MATH 599	Special Topics	3.0

MATH 599: (rotating topics, offered in the summer)

#### A capstone independent research project:

EDMA 579	Capstone Project	3.0
EDUC 597	Action Research Special Project	3.0

## THANATOLOGY, M.A.

**Program Director:** Elizabeth MacDougall, Ph.D. macedougall@hood.edu; 301-696-3892

A Master of Arts program in Thanatology represents an effort to meet the growing demand for individuals prepared to work with the terminally ill and bereaved, as well as persons prepared to provide death education at all levels in a variety of organizations. The student will understand the discipline of thanatology as well as the integration of thanatology with other fields of study.

The Master of Arts in Thanatology requires 39 graduate credits.

Exemption may be granted for specific courses based on previous work.

However, substitutions of electives would be required to make a minimum degree requirement of 33 credits.

### Application Requirements

Students applying to the Thanatology master's program must submit one official transcript reflecting the highest degree conferred. They must also submit two letters of recommendation and a resume, and complete a written statement of goals. Qualified applicants will be contacted for an interview with the program director.

For additional admission information, see *Graduate Admission*. (p. 98)

## PROGRAM REQUIREMENTS

### Foundation Courses (12 credits):

THAN 510	Professional Orientation in Thanatology	3.0
THAN 520	Introduction to Thanatology	3.0
PSY 501	Theories of Personality	3.0
PSY 508	Intro to Counseling & Helping Skills	3.0

### Core Thanatology Courses (12 credits):

THAN 521	Mourning & Princ of Counseling Bereaved	3.0
THAN 523	Dying & Principles of Care for the Dying	3.0
THAN 528	Developmental Perspectives:Thanatology	3.0
THAN 529	Historical/Multicultural Persp:Thanatol	3.0

### Additional Requirements (9 credits):

PSY 511	Theory and Principles of Counseling	3.0
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### And 6 credits selected from the following:

THAN 524	Hospice:History,Princ & Administration	3.0
	or	
THAN 527	AfAm Perspectives in Thanatology	3.0
THAN 525	Seminars in Thanatology	1.0
THAN 530	Practicum in Thanatology	1.0 - 6.0
THAN 595	Independent Applied Research Project	1.0 - 6.0

### Electives (6 credits):

GERO 554	Social Gerontology	3.0
GERO 555	Psychological Aspects of Aging	3.0
GERO 556	Health and Aging	3.0
GERO 599	Special Topics in Gerontology	3.0
PSY 531	Abnormal Psychology	3.0
PSY 556	Behavior Modification	3.0
THAN 524	Hospice:History,Princ & Administration	3.0
THAN 527	AfAm Perspectives in Thanatology	3.0

Other courses with the approval of the adviser and program director.

**Comprehensive Examination**

The program requires a comprehensive examination which will be integrative, not course specific. The comprehensive examination may be taken after completion of the core thanatology courses and THAN 510.

**GRADUATE CERTIFICATE PROGRAMS****CERAMIC ARTS, CERTIFICATE**

**Program Director:** Joyce Michaud, M.F.A., jmichaud@hood.edu; 301-696-3526

The Hood College Graduate Certificate in the Ceramic Arts is a post-baccalaureate program providing an advanced studio experience to assist students in achieving a professional level of proficiency in the ceramic arts. With attention to the application of universal design principles and the unique requirements for teaching the ceramic arts at a variety of institutional levels, the program has been designed to assist students in the development of technical proficiency, refinement of personal aesthetic expression and production of a comprehensive body of work. Although not a teaching certificate, the course work in ceramics will provide an intensive experience in a planned and structured curriculum based on aesthetics, technical and experiential learning and skill development. Through study, studio production and objective-subjective analysis of creative work, the program will prepare the student for the challenges, demands and opportunities of careers in ceramic arts and related art fields.

Students will gain knowledge and skills in the following:

- Forms and aesthetics in ceramic arts media
- Understanding of movements and concepts in art
- An ability to analyze formal issues and apply accurate terminology to that analysis
- Abilities to communicate aesthetic intentions verbally and in written form
- Skills necessary to organize an exhibition of personal works of art to meet M.F.A. application criteria

**Application Requirements**

Submit all official transcripts. Submit an essay detailing your experiences in clay and your art background, as well as your goals for entering the program. Submit a portfolio on CD of a minimum of 12 300 dpi images of your work.

**REQUIREMENTS FOR THE CERTIFICATE**

The certificate includes 14 credits of required coursework and a minimum of 4 credits of electives for a total of at least 18 credits.

**Required (14 credits)**

ARTS 501	Glaze Application	1.0
ARTS 502	East Asian Wedged Coil Technique	1.0
ARTS 505	Ceramic Wheel: Masters' Throwing Conc	2.0
ARTS 508	Ceramic Sculpture	3.0
ARTS 511	Properties of Clay	1.0
ARTS 521	Properties of Glaze	2.0

**Capstone Courses**

ARTS 569	Survival Skills for Visual Artists	1.0
ARTS 570	Seminar in Personal Studio Research	3.0

**Electives (minimum 4 credits)**

ART 506	Writing for Artists	3.0
ART 568	Contemporary Topics in Visual Art	3.0
ARTS 500	Ceramics:Sculpture/Handbuilding	3.0
ARTS 503	Ceramic Wheel: Intensive Throwing	3.0
ARTS 504	Ceramic Decoration	3.0
ARTS 506	Ceramic Wheel: Masters' Throwing II	2.0
ARTS 507	Plates and Platters	1.0
ARTS 509	Throwing Large Forms	3.0
ARTS 510	Brush Making	1.0
ARTS 512	Eastern & Western Tech in Trimming	1.0
ARTS 515	Ceramic Arts Throwing Lab	1.0
ARTS 517	Dynamic and Asymmetrical Wheel	3.0
ARTS 520	Photographing Ceramics	1.0
ARTS 525	Electric Kilns	1.0
ARTS 530	Kiln Technology & Firing Theory	2.0
ARTS 531	Wood Firing Theory	2.0
ARTS 532	Firing Large Scale Wood Kiln	2.0
ARTS 540	Clay/Glaze Chemistry Theory & Practice	3.0
ARTS 542	Modeling the Figure	3.0
ARTS 543	History of Ceramic Arts	3.0
ARTS 545	Large Scale and Composite Sculpture	3.0
ARTS 547	Creating with Porcelain	3.0
ARTS 552	Kiln Design and Construction	3.0
ARTS 564	Aesthetics and Criticism	3.0
ARTS 571	Arts Management & Marketing	3.0
ARTS 575	Independent Study	1.0 - 3.0
ARTS 590	Teaching Assistant in Ceramic Arts	1.0 - 4.0
ARTS 599	Special Topics in Ceramic Arts	1.0 - 3.0

The 18 credits required to earn the Graduate Certificate in Ceramic Arts can be completed in one year, but up to seven years are allowed to finish the program.

**CYBERSECURITY, CERTIFICATE**

**Program Director:** Ahmed Salem, Ph.D. salem@hood.edu; 301-696-3731

The Certificate in Cybersecurity is offered as a two-year, one-course-per-term (including one summer session) program, requiring three core courses and two electives.

**Application Requirements**

This program is designed for students who have a solid background in Computer Science or Information Technology, either through formal study or professional experience. All official transcripts and a résumé/CV that provides educational and professional experience with specific information about mathematics background, programming background, if any, and technical skills must be submitted. Applicants should also provide a statement of purpose indicating their motivation for choosing the program and the goals they hope to achieve through completing it.

**REQUIREMENTS FOR THE CERTIFICATE****Required Core Courses - 9 credits**

CSIT 555	Info Systems Security	3.0
CSIT 532	Computer Forensics	3.0
CSIT 534	Network and Internet Security	3.0

**Electives - 6 credits (Two courses from below)**

CSIT 537	Applied Encryption and Cryptology	3.0
IT 521	Info Assurance & Risk Assessment	3.0
IT 535	Security Policies, Ethics and Law	3.0

## ELEMENTARY SCIENCE-TECHNOLOGY-ENGINEERING-MATHEMATICS (STEM) EDUCATION, CERTIFICATE

**Program Director:** Judy Sherman, Ed.D. sherman@hood.edu; 301-696-3464

The Certificate in Elementary Science-Technology-Engineering-Mathematics (STEM) Education consists of 15 credits and is intended for currently certified elementary teachers interested in developing a special expertise in the area of STEM education and teaching.

**Application Requirements**

Submit one official transcript reflecting the highest degree conferred. Qualified applicants will be contacted for an interview with the program director of Curriculum and Instruction or the program coordinator in the Concentration area. This interview is based on core beliefs and Dispositions from the Six Institutional Outcomes (program expectations and requirements are explained to the applicant at this time). In addition, applicants must produce an acceptable writing sample during the interview process.

**REQUIREMENTS FOR THE CERTIFICATE (15 CREDITS):****Required:**

EDUC 502	Tech for Literacy, Leadership & Learning	3.0
EDUC 540	Modern Science Methods	3.0
EDUC 545	Modern Math Methods	3.0
EDUC 553	Found Elem STEM (Sci, Tech, Engr, Math)	3.0
	Ed	
EDUC 597ST	STEM Capstone Activity	3.0

## GEOGRAPHIC INFORMATION SYSTEMS (GIS) IN ENVIRONMENTAL BIOLOGY, CERTIFICATE

**Program Director:** April Boulton, Ph.D., boulton@hood.edu; 301-696-3649

Geographic Information Systems (GIS) are a special class of information systems that are used for processing and analyzing geographically referenced (georeferenced) data. Georeferenced data, a special category of spatial data, have two crucial properties. First, georeferenced data are registered to an accepted geographical coordinate system of the Earth's surface so that data from different sources can be cross-referenced and integrated. Second, georeferenced data are represented at geographic scale and must be generalized and symbolized. Understanding and using georeferenced data will require study of the fundamental principles of cartography.

Students will gain practical knowledge in the following areas:

- Current theory and fundamentals in GIS
- Application and analysis of GIS data from all fields of environmental biology

- Ability to propose relevant GIS research for current environmental issues
- Proficiency in remote-sensing theory and practices

**Application Requirements**

Students applying for the certificate in GIS program must complete an essay (550 words or less) that included background experience and future goals. All official transcripts must be submitted. Two letters of recommendation are suggested but not required. A minimum 2.75 cumulative GPA is required for admission to the Graduate School and to the Environmental Biology program, however a GPA of 3.0 or higher is preferred.

**REQUIREMENTS FOR THE CERTIFICATE (18 CREDITS MINIMUM)****Required (9 credits)**

ENV 501	Intro to Environmental Biology	3.0
ENV 502	Principles of Ecology	3.0
ENV 526G	Introduction to GIS Mapping	1.0
ENV 526H	Introduction to GIS Analysis	1.0
ENV 526I	Introduction to Remote Sensing	1.0

**Electives (Minimum of 9 credits):**

Once students successfully complete ENV 526G and ENV 526H and meet all the pre-requisites for a given course, students will select an additional 9 credits of GIS electives. The elective courses will require a major GIS-related project or paper in order to receive certificate credit. It is the student's responsibility to inform the instructor of an elective course whether the GIS-option is being selected by the drop/add deadline each semester.

ENV 503	Pollution Biology	3.0
ENV 506	Environmental Microbiology	3.0
ENV 507	Natural Resource Management	3.0
ENV 509	Ecological Invasions/Biological Control	3.0
ENV 511	Conservation Biology	3.0
ENV 512	Insect Ecology	3.0
ENV 513	Marine Ecology	3.0
ENV 550G	Tpc:Environmental History	3.0
ENV 550I	Landscape Ecology	3.0
ENV 563	Freshwater Ecology	3.0
ENV 564	Environmental Toxicology	3.0
ENV 577	Climate Change	3.0
ENV 579	Independent Research Project	3.0
ENV 580	Master's Thesis Preparation	6.0
ENV 591	Internship in Environmental Biology	3.0

ENV 579, ENV 580: Available only to students simultaneously pursuing the MS in Environmental Biology.

## GERONTOLOGY, CERTIFICATE

**Program Director:** Elizabeth MacDougall, Ph.D. macdougall@hood.edu; 301-696-3892

The Certificate in Gerontology is intended for graduate students interested in developing a special expertise in aging. This certificate program is also available to students enrolled in the Human Sciences or Thanatology master's programs. The goals of the certificate are: (1) to acquaint students with the fundamental issues and problems confronting

older adults in our society, (2) to immerse students in the vast body of scholarship related to the biological, psychological, and social aspects of aging, (3) to expose students to the various career paths available to individuals with expertise in gerontology, and (4) to assist students in developing professional competencies in working with older adults.

### REQUIREMENTS FOR THE CERTIFICATE

#### Required:

GERO 554	Social Gerontology	3.0
GERO 555	Psychological Aspects of Aging	3.0
GERO 556	Health and Aging	3.0
GERO 599	Special Topics in Gerontology	3.0

Successful completion of the certificate requires a minimum G.P.A. of 3.00

### REGULATORY COMPLIANCE, CERTIFICATE

**Program Director:** Steve Giardina, Ph.D. giardina@hood.com; 301-696-3650

This certificate program is designed to train scientists interested in developing regulatory expertise necessary for a career in regulatory affairs, pharmaceutical or healthcare industries. The eight courses in this program will provide the foundation needed to prepare for the Regulatory Affairs Certification examination sponsored by the Regulatory Affairs Professional Society.

### REQUIREMENTS FOR THE CERTIFICATE

Candidates must have a science background and be eligible for admission to the Graduate School. The courses to be completed for the certificate program are:

#### Regulatory Compliance Core Courses - 9 credits

BMS 545	Product Development	3.0
BMS 546	Good Manufacturing Practices	3.0
BMS 548	Good Clinical Practice	3.0

#### Regulatory Compliance Electives - 6 credits (Two courses from below)

BMS 513	Biostatistics in Regulatory Applications	3.0
BMS 544	Good Lab Practices: Practical Approach	3.0
BMS 547	Dev of Pharmaceuticals Reg Environmen	3.0
BMS 549	Regulation of Medical Devices	3.0
BMS 550	Food and Drug Law	3.0

### SECONDARY MATHEMATICS EDUCATION, CERTIFICATE

**Program Director:** Elizabeth Mayfield, Ph.D. mayfield@hood.edu; 301-696-3736

This 15-credit certificate program is designed for current middle and high school mathematics teachers. It combines courses in mathematics and education, and focuses on the mathematics covered in Maryland's Core Learning Goals.

#### Application Requirements

Submit one official transcript reflecting the highest degree conferred.

**This program does not lead to initial teaching certification.**

### REQUIREMENTS FOR THE CERTIFICATE

#### Required:

MATH 505	Discrete Math	3.0
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#### Two of the following sequences:

##### Sequence 1:

MATH 501	Explorations in Geometry	3.0
EDUC 551	The Teaching of Geometry	3.0

##### Sequence 2:

MATH 502	Explorations in Algebra	3.0
EDUC 552	The Teaching of Algebra	3.0

##### Sequence 3:

MATH 500	Statistics	3.0
EDUC 595	Teaching Statistics & Probability	3.0

Exceptions to these requirements may be granted on a case-by-case basis, depending on the student's education and experience.

#### Other courses which may be substituted for individual students:

EDUC 596	Teaching of Mathematical Modeling	3.0
MATH 507	Introduction to Graph Theory	3.0
MATH 509	Elementary Number Theory	3.0
MATH 546	Operations Research	3.0
MATH 599	Special Topics	3.0

### THANATOLOGY, CERTIFICATE

**Program Director:** Elizabeth MacDougall, Ph.D. macdougall@hood.edu; 301-696-3892

The Certificate Program in Thanatology is intended for individuals working in the field of thanatology who seek career augmentation, and for professionals already licensed or certified in human service fields who wish to obtain specific preparation in thanatology. The certificate program deepens a student's understanding of the impact of death on the individual and society and prepares the student to meet the special needs of the bereaved, and of the terminally ill and their families.

#### Application Requirements

Submit one official transcript reflecting the highest degree conferred.

### REQUIREMENTS FOR THE CERTIFICATE

#### Required:

THAN 520	Introduction to Thanatology	3.0
THAN 521	Mourning & Princ of Counseling Bereaved	3.0
THAN 523	Dying & Principles of Care for the Dying	3.0
THAN 528	Developmental Perspectives:Thanatology	3.0

Successful completion of the certificate requires a minimum G.P.A. of 3.00

Both the M.A. and Certificate in Thanatology programs are designed to conform to the Association for Death Education and Counseling (ADEC) certification requirements for those persons interested in becoming certified as death educators, grief counselors or grief therapists.

### SUMMER INSTITUTE IN THANATOLOGY

The Summer Institute in Thanatology is designed to allow students to immerse themselves in the field of thanatology and to complete all of the requirements for certification in one summer. Thanatology courses will be offered in various formats including weekend courses, a two-week

intensive course, and courses that meet two evenings per week for six weeks.

# COURSES

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## About Undergraduate Course Offerings

### Practical Learning Courses - Internships, Field Work, Practicums

Practical learning courses include internships, directed projects, field work and practicums. These courses are directly supervised by faculty at Hood College, are graded in a similar manner and awarded credit in the same unit as resident courses, are part of an approved curriculum and meet a requirement for graduation. Students are expected to spend at least as much time in preparation and training as is normally required for resident courses; each course has an assigned instructor; and interaction between instructor and student is regularly scheduled. The planned program of activities is controlled by the school, not by officials of the external agency.

### Independent Study (375) and Teaching Assistantships (335)

Independent study (375) and teaching assistantships (335) are not conventional classroom or laboratory experiences but are an integral part of Hood's programs. A Hood faculty member is required to supervise and schedule regular interaction with students involved in these learning experiences.

### Core Curriculum

Course titles followed by (CORE) indicate courses included in the Core Curriculum. Refer to *Undergraduate Degree Requirements* (p. 31).

### Course Numbering System

**100-499** Courses numbered in this way designate undergraduate courses.

**299** Special topics courses are offered in many departments or on an interdepartmental basis. The content and methods of such courses vary with the interest of students and faculty members, emerging knowledge or issues and opportunities for field experience. A special topics course may or may not count toward the major.

**397** An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members.

**498 Special Topics** (Reserved for double-numbered courses.) See individual departmental listings in current class schedule.

**499** Designates departmental honors paper, a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Departments identify potential Tischer Scholars from junior majors with a 3.0 overall grade point average and a 3.5 in the major, and invite students from that list to participate in Departmental Honors. Students who accept then choose topics in consultation with a departmental honors adviser. Students, in consultation with their advisers, select an advisory committee of two additional faculty members—one of whom must be outside the student's major department—who will advise the student as needed and serve as readers. During the senior year, The Tischer Scholars are expected to work closely with their departmental honors advisers and, where needed, their other readers. They are also required to maintain a B average in the major and present a completed paper or project by the date set by the Honors Committee in order to

qualify for departmental honors at Commencement. Tischer Scholars receive 6 credits, which may be applied to the major or considered as electives. A grade of B- or below for the departmental honors project results in conversion of the project to 6 credits of independent study. Withdrawal from the Departmental Honors Program requires the permission of the department chair, the departmental honors advisers and the honors director.

All Departmental Honors Papers are included in the permanent collections of the Beneficial Hodson Library.

## About Graduate Course Offerings

**500-599 Courses** numbered in this way designate graduate courses.

The discipline to which the credits listed below are assigned will depend upon the field that the student selects as the area of concentration:

**570 Seminar** See individual department listings for descriptions. (3-6 credits)

**575 Independent Study** Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department.

A maximum of 6 credits may be applied to a degree program. (1-6 credits)

### 579 Independent Research Project

**580 Master's Thesis Preparation** Supervision of the master's thesis. Required of all degree candidates who select the thesis option. (6 credits)

**585 Master's Field Work Project** Supervision of the master's field work project. Required of all degree candidates who select the field work project option. (6 credits)

**Optional 3-Credit Field Work Project** An optional 3-credit field work project is available for students who want to apply theories and techniques learned during their master's study in a field work setting.

**598 Special Topics** (Reserved for double-numbered courses.) See individual departmental listings in current class schedule.

**599 Special Topics** A special topics course may be offered either within a single department or on an interdepartmental basis. The content and methods of such courses depend upon the interests of the faculty and students. (1-6 credits)

## AFAM - AFRICAN AMERICAN STUDIES

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### AFPS 240 - African American Politics (3.0)

An examination of African-American political activity in the 20th century. African-American participation in the U.S. electoral process and the power structure in African-American communities.

Offered: First Semester ( Even Years)

**AFHS 257 - African American History (4.0)**

A chronological survey of African-American history from pre-colonial Africa and colonial America through the twentieth century. Focuses on the economic, political, social and cultural context in which a uniquely constituted African-American culture developed in the course of the struggle to achieve human rights.

Core: Historical Analysis

Offered: First Semester

**AFEN 265 - African American Voices pre 20thC (4.0)**

We will study the ways in which early African-American literary traditions have been formed not only by slavery, but also by community, geography, politics, and literature itself. Works may include slave narratives of Olaudah Equiano, Frederick Douglass, Elizabeth Keckley, and Harriet Jacobs, as well as 19th century fiction by Harriet Wilson, Harriet Beecher Stowe and Charles Chesnut. (H2)

Core: Literature

Offered: First Semester ( Even Years)

**AFEN 266 - Theme 20thC AfAm Literature (4.0)**

This course explores the influences of blues, jazz, and spirituals; folklore; and socio-economic history on African American literature of the 20th and early 21st centuries. We'll examine how survival and resistance become art forms in the work of authors like W.E. B. DuBois, James Weldon Johnson, Zora Neale Hurston, James Baldwin, and Toni Morrison. (H2)

Core: Literature

Offered: First Semester ( Odd Years)

**AFPY 270 - AfAm Psychological Perspectives (4.0)**

This course will explore the theories, research and practices of African-American psychology. Themes include the definition and development of African-American psychology, identity and personality formation of African-Americans, and historical and current issues affecting the lives of African Americans.

Offered: Second Semester

**AFAM 299 - Special Topics (3.0)**

This course is a general topics course in African-American Studies, allowing faculty and students to study particular topics of interest.

Offered: Offered as Needed

**AFPS 301 - AfAm Political Autobiography (3.0)**

Prerequisite: 3 hours in African-American history, literary criticism or politics, or permission of the instructor. This course examines the connections between autobiography, political philosophy, utopian thought and politics in African-American autobiographies analyzing to determine the criticisms authors launched against their societies, the social and political alternatives suggested and the agencies they suggested be mobilized to institute change.

Core: Historical Analysis

Offered: Offered as Needed

**AFRL 311 - Black Theology (3.0)**

Prerequisite: 3 credits of history, religion, political science, or African-American Studies at the 200 level, or permission of the instructor. This course introduces students to the core of black Christian theological

thought: black liberation theology. We will explore the historical roots of black Christian theology and focus on some of its key tenets, like the physical depiction of Christ, the depiction of the Christian community/communities and the role of Christianity. We will identify the major points of convergence and divergence between black liberation theology and other liberation theologies such as womanist theology and Latin American liberation theology.

Offered: Second Semester

**AFAM 335 - Teaching Assistantship in AfAm (1.0 - 2.0)**

Prerequisites: Senior standing, at least three courses in the African-American Studies minor, and permission of the instructor. The assistant would attend classes, tutor students, show and discuss films and join in periodic conferences with the instructor. Other duties would include assisting the instructor in other class-related projects, including field trips, speakers and discussion sessions. May be taken only once. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**AFPS 350 - African Politics (3.0)**

Prerequisites: HIST 246 or permission of the instructor. An introductory survey of post-independence political patterns and processes in Africa. Emphasis will be given to current political dynamics such as democratization and state-society relations. Case studies in Southern and Eastern Africa will be used.

Core: Global Perspectives

Offered: First Semester ( Even Years)

**AFAM 351 - The African Diaspora (3.0)**

Prerequisite: AFPS 240, AFPS 350, AFPS 353, or HIST 246 or permission of the instructor. This course examines the processes and institutions that link or differentiate Africans and their descendants in the African Diaspora. Educational and missionary institutions, world conferences and political ideologies of Pan-Africanism, Ethiopianism and anti-colonialism will be viewed through the lenses of culture, politics, history and philosophy.

Offered: Offered as Needed

**AFPS 353 - Contemporary Afr Political Thought (3.0)**

Prerequisite: HIST 246 or AFPS 350 or completion of the Philosophical Inquiry section of the Core. An introduction to African political thought from the pre-colonial period to the present. Emphasis will be given to the impact of Islam, cultural nationalism, nationalism, revolutionary theories, democracy, African socialism and Marxism of major African political theorists.

Core: Global Perspectives

Offered: Offered as Needed

**AFPS 355 - African American Political Thought (3.0)**

Prerequisite: Junior or senior standing only, or permission of the instructor. The course examines African-American political thought in the 18th, 19th and 20th centuries within the parameters of Western political discourse. Topics include the changing definitions of African-American conservatism, neoconservatism, nationalism, liberalism, radicalism and feminism.

Offered: Second Semester ( Odd Years)

**AFAM 375 - Independent Study (1.0 - 3.0)**

Prerequisites: 6 credits in African-American Studies and permission of the instructor. Independent reading and/or research in a selected field of African-American Studies. Conferences.

Offered: Either Semester

**AFAM 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**AFAM 399 - Internship in African American Studies (3.0 - 6.0)**

Prerequisites: 9 credits in African-American Studies An investigation of how race and racial dynamics function in a variety of private, public and on-governmental settings through supervised full- or part-time work. Sites and projects must be approved by, and coordinated with, the instructor. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**AFHS 424 - Race and Racism in the United States (4.0)**

Prerequisites: Junior or senior standing and HIST 217 or HIST 218 or AFHS 257. This course explores the origins and development of racial attitudes, both scientific and popular, supporting mythologies, and contemporary institutional expressions. It will also discuss the African Americans' attempts to resist white supremacy. Emphasis will be on African American history since Reconstruction.

Offered: Second Semester ( Even Years)

**AFAM 470 - African American Feminist Thought (3.0)**

Prerequisites: Junior or senior standing and 3 hours in African-American history or African-American literature. An examination of African-American feminist scholarship in the 19th and 20th centuries, as African-American women grappled with the issues of gender, race and class. Focus on African-American women's perspectives and diverse experiences within the context of changing political, economic and social structures.

Offered: Offered as Needed

**AFPS 501 - AfAm Political Autobiography (3.0)**

This course examines the connections between autobiography, political philosophy, utopian thought and politics in African American autobiographies. Selected African American political autobiographies will be analyzed to determine the criticisms authors launched against their societies, the social and political alternatives suggested, and the agencies they suggested be mobilized to institute change.

Offered: Offered as Needed

**AFHS 524 - Race and Racism in the United States (3.0)**

This course explores the origins and development of racial attitudes, both scientific and popular, supporting mythologies, and contemporary institutional expressions. It will also discuss the African Americans' attempts to resist white supremacy. Emphasis will be on African American history since Reconstruction.

Offered: Second Semester ( Even Years)

**AFPS 553 - Contemporary African Political Thought (3.0)**

An introduction to African political thought from the pre-colonial period to the present. Emphasis will be given to the impact of Islam, cultural nationalism, nationalism, revolutionary theories, democracy, African socialism and Marxism of major African political theorists.

Offered: Offered as Needed

**AFAM 570 - African American Feminist Thought (3.0)**

An examination of African-American feminist scholarship in the 19th and 20th centuries, as African-American women grappled with the issues of gender, race and class. Focus on African-American women's perspectives and diverse experiences within the context of changing political, economic and social structures.

Offered: Offered as Needed

## ANTH - ANTHROPOLOGY

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**ANTH 201 - Introduction to Anthropology (4.0)**

The study of human beings and their cultures. While the primary emphasis is on cultural anthropology, the related disciplines of physical anthropology, archaeology, linguistics, and ethnology constitute an integral part of the course. The course is designed to develop meaningful insights into diverse cultures and introduce students to anthropological ways of thinking.

Core: Social and Behavioral Analysis

Offered: Second Semester

**ANTH 302 - Cultural Anthropology (4.0)**

Prerequisite: Sophomore standing. An examination and analysis of one or more of the major cultural areas of the world (e.g., sub-Sahara Africa, Southeast Asia, India, South America, Meso-America and North America). Anthropological, historical, archaeological and linguistic data will be used to explore such topics as social organization and structure, kinship, political and economic institutions, aesthetic forms, and the religious beliefs and values that give meaning to human activities.

Offered: Second Semester

**ANTH 335 - Teaching Assistantship (1.0)**

Prerequisite: ANTH 201 and permission of the instructor. Assists with an anthropology class. Teaching assistants may attend classes, lead discussions and review sessions, tutor students, show films, distribute in-class exams, and other tasks as assigned. They will also meet periodically with the instructor. Students may also be given the opportunity to develop and deliver an in-class lecture. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**ANTH 375 - Independent Study (1.0 - 3.0)**

Prerequisite: Permission of instructor and department. Study of a selected subject. Conferences and reports.

Offered: Either Semester

**ANTH 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

## ARAB - ARABIC

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**ARAB 101 - Elementary Arabic I (4.0)**

Development of the basic language skills: listening, speaking, reading and writing. Special emphasis on aural-oral proficiency.

Core: Foundations/Foreign Language

Offered: First Semester

**ARAB 102 - Elementary Arabic II (4.0)**

Prerequisite: ARAB 101 or permission of department chair.

Continuation of Elementary Arabic I.

Core: Foundations/Foreign Language

Offered: Second Semester

**ARAB 103 - Intermediate Arabic I (3.0)**

Prerequisite: ARAB 102 Development of intermediate Arabic language skills: listening, speaking, reading and writing. Special emphasis on aural-oral proficiency.

Offered: First Semester

**ARAB 104 - Intermediate Arabic II (3.0)**

Prerequisite: ARAB 103 Development of intermediate Arabic language skills: listening, speaking, reading and writing. Special emphasis on aural-oral proficiency.

Offered: Second Semester

**ARAB 105 - Arabic Conversation (1.0)**

Prerequisite: ARAB 102 or exemption by exam or permission of department. A one-credit conversation course conducted in Arabic designed to develop oral skills. Weekly discussions based on readings of cultural or current topics. Final grade based on attendance and participation and on one short homework assignment. May be repeated.

Offered: Both Semesters

**ARAB 203 - Arabic Conversation & Composition (4.0)**

Prerequisites: ARAB 104 or permission of the department chair. Concentration on writing, conversation and structural difficulties. Reading and discussion of cultural material of an interdisciplinary nature.

Offered: First Semester

**ARAB 335 - Teaching Assistantship (1.0 - 3.0)**

Prerequisite: Invitation of the department. (May be repeated for a maximum of 4 credits) An opportunity for qualified seniors to conduct practice sessions, tutor students and/or administer examinations in specified 100- and 200-level courses. Students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**ARAB 375 - Independent Study in Arabic (1.0 - 3.0)**

Prerequisites: Permission of the instructor or department chair. Study of a selected subject. Conferences and reports.

Offered: Either Semester

**ARAB 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

## ART - ART

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**ART 201 - Meaning & Method in Art (4.0)**

An analytical inquiry into the modes and media of visual culture, focused especially on the challenge of contemporary art. Drawing upon examples from ancient building to oil painting to advertisement to video, the focus will be on the nature and variety of expression and interpretation. Active looking, reading, and discussion will be paramount.

Core: Art/Visual & Performing

Offered: First Semester

**ART 215 - Intro to Museum Studies (4.0)**

Introduction to the histories, types, functions and meanings of museums of art and history. Through reading, discussion, lectures, independent assignments and field trips to major museums in the area, we consider the many sorts of collections, contexts and displays, as well as political and social issues involved in running museums today.

Offered: Offered as Needed

**ART 220 - History of Art I (4.0)**

An introduction to painting, sculpture and architecture from ancient Egypt to the beginning of the Renaissance. Both the art of Western Europe and the art of Asia (India, China, and Japan) will be included. Emphasis on major artists and movements, the cultural context of art, changes in modes of artistic expression over time, and issues of gender in art.

Core: Art/Visual & Performing

Offered: First Semester

**ART 221 - History of Art II (4.0)**

An introduction to painting, sculpture, and architecture from the Renaissance to the modern era in Western Europe and the United States. Emphasis on major artists and movements, the cultural context of art, changes in modes of artistic expression over time, and issues of gender in art.

Offered: Second Semester

**ART 250 - Art of Asia (4.0)**

An introduction to the history of art and architecture of South and East Asia with an emphasis on India, China and Japan. Consideration of key artworks from each culture and their styles, themes and techniques; includes discussions of gender, ethnicity, class and ideology in the making and viewing of Asian art.

Core: Global Persp & Visual Perf Arts

Offered: First Semester ( Odd Years)

**ART 275 - The Art of Film History & Technique (4.0)**

Prerequisite: ENGL 100 or 101, or 3 credits from ENGL 110-139. An intro to film aesthetics (cinematography, editing, sound) and formal structure (narrative, documentary, experimental) along with the historical, social, and theoretical contexts that shape our understanding of film art from its origins through to the present day.

Offered: Offered as Needed

**ART 299 - Special Topics in Art (4.0)**

This course will consider special topics of interest to students and faculty in the fields of art history and archaeology. Topics will vary.

Offered: Offered as Needed

**ART 300 - Gallery Management (2.0)**

Prerequisites: ARTS 101 or ARTS 102 or ARTS 103 and permission or invitation of Department of Art and Archaeology. (May be repeated for a maximum of 4 credits) Practicum in methods and techniques of art gallery management. Under faculty supervision, students will serve as assistant curators of art exhibits in Hodson Gallery. Students will follow structured gallery procedures to facilitate the exhibition program.

Offered: Both Semesters

**ART 304 - American Art (3.0)**

Prerequisite: ART 221 or permission of the instructor. American art considered in its historical context, both in its own right and as related to European artistic developments. Emphasis on varieties of artistic production and modes of judgment or evaluation.

Offered: Offered as Needed

**ART 305 - The Youngest Art:History of Photography (4.0)**

Prerequisite: ART 221 or permission of the instructor. This course considers the origin, development and variety of photography, from its invention to the present. Students become acquainted with critical and interpretive approaches to photography. Lecture, discussion and independent analysis of selected topics, readings and images. Students have opportunity to produce both visual art and written projects.

Offered: Offered as Needed

**ART 308 - Myths, Saints and Symbols (3.0)**

Prerequisites: ART 220 or permission of the instructor. A study of subject matter in art, especially subjects taken from classical mythology and the Old and New Testaments.

Offered: Second Semester ( Even Years)

**ART 310 - Art History and the Humanities (1.0)**

Prerequisites: ART 220 or ART 221 or permission of the instructor. This course will expand upon the themes in Hood's ongoing Humanities Colloquium. Through selected readings and discussion as well as attendance at the Colloquium lectures, students will gain an expanded sense of the central themes of the Humanities and their many connections with art and archaeology.

Offered: Both Semesters

**ARHN 319 - Orientalism & Egyptomania (3.0)**

Prerequisites: Open to juniors or seniors in the Honors Program and art majors and minors or by permission of the instructor. This class will examine the rediscovery and re-presentation of Egypt and related lands in

the Middle East during the 19th and 20th century by artists, travelers and related figures. We will consider visual and literary sources of many kinds, from the lands of the Middle East and the Western cultures of discoverers.

Offered: Offered as Needed

**ART 320 - Women/Art:Artists,Subj,Patrons,Scholars (3.0)**

Prerequisites: One of the following: Art 220, Art 221, WMST 200 or permission of the instructor This course examines how women influence the making and study of art, from the moment of creation to the display and analysis of the work. Chronological and cultural focus of the course varies depending on instructor, but assignments implement primary source materials produced by female artists and patrons, and secondary texts on feminist theory and reception.

Offered: Second Semester ( As Needed)

**ARRL 330 - Archeology of Ancient Israel (4.0)**

Prerequisites: Art 220 or HIST 262 or permission of the instructor Examines archaeology in and around the modern country of Israel, from the Neolithic Age through the Iron Age (c. 12,000-586 B.C.), with focus on how scholars reconstruct social, economic, religious and political institutions. Evidence from archaeological sites and surveys, written documents from Israel.

Offered: First Semester ( Even Years)

**ART 331 - Museums,Sites and Cities (4.0)**

Prerequisites: Participation in instructor-led research trip and permission of instructor. Following a Jan. Term or summer research trip offered by department faculty, students in this course will apply the knowledge and insight gained by the travel experience to analytical reading and discussion, and to an extensive research paper, or other similar advanced assignments.

Offered: Offered as Needed

**ART 332 - Aegean Archaeology (4.0)**

Prerequisites: Art 220 or HIST 262 or permission of the instructor Examines archaeology of the Aegean Sea region (Greece, Crete, and the Cycladic islands) from the Neolithic through the end of the Bronze Age (c. 10,000-1,000 B.C.). Traces the rise and collapse of the Minoans and Mycenaeanes, their artistic and material expressions and their associated social, economic, religious and political institutions.

Offered: Second Semester ( Odd Years)

**ART 335 - Teaching Assistantship in Art (1.0 - 2.0)**

Prerequisite: Invitation of the department. (May be repeated for a maximum of 4 credits) An opportunity for qualified seniors to serve as teaching assistants in studio art, art history and visual media courses. Responsibilities may include tutoring, holding review sessions, attending field trips, assisting in grading tests and other duties defined by the instructor. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**ART 340 - Art of Prehistory (4.0)**

Prerequisite: Art 220 or HIST 262 or INST 312 or permission of the instructor. Traces the development of human culture and civilization, as expressed in artistic and archaeological evidence, from the origins of modern humans through the advent of agriculture and urbanism around

the world. The geographic areas discussed in this course include Asia, Europe, Africa and the Americas.

Offered: First Semester ( Odd Years)

**ART 349 - Art of Egypt and Mesopotamia (4.0)**

Prerequisite: ART 220 or permission of the instructor. An examination of the architecture, sculpture, painting and other arts of the major early civilizations of the Near East, from the Neolithic to c. 500 B.C.. Special emphasis will be placed upon the interconnections between these cultures, as well as their points of divergence.

Offered: Second Semester ( Odd Years)

**ART 350 - Classical Art and Archaeology (4.0)**

Prerequisites: Art 220 or permission of the instructor. This course examines the artistic production and archaeological discovery of the classical age – from the emergence of Greek culture after the Bronze Age to the reign of Constantine. Technological innovations and stylistic developments characteristic of this period are studied in painting, sculpture, architecture, mosaic, and the decorative arts.

Offered: Second Semester ( Odd Years)

**ART 351 - Medieval Art (3.0)**

Prerequisite: ART 220 or permission of the instructor. Architecture, sculpture and painting from the late Roman empire through the Gothic period. Emphasis on the function and meaning of images and their social and ideological contexts in western Europe and Byzantium. Field trips to the Walters Art Gallery, Dumbarton Oaks and the National Cathedral.

Offered: Second Semester ( As Needed)

**ART 352 - Northern Renaissance Art (3.0)**

Prerequisite: ART 221 or permission of the instructor. Painting in Northern Europe from the art of the French courts in the late 13th century through the 16th century in the Netherlands and Germany. Field trips to the Walters Art Gallery and the National Gallery of Art.

Offered: First Semester ( As Needed)

**ART 353 - Early Renaissance Art (4.0)**

Prerequisite: ART 221 or permission of the instructor. Painting, sculpture and architecture in Italy, especially Tuscany, from the early 13th century until the late 15th century. Topics include civic, religious and private patronage, the changing status of the artist and humanism and the arts. Field trips to the Walters Art Gallery and the National Gallery of Art.

Offered: Second Semester ( Even Years)

**ART 356 - Art of Japan (4.0)**

Prerequisite: Completion of the Visual and Performing Arts section of the Core. Survey focusing on painting, sculpture, architecture, and decorative arts from prehistoric to early modern Japan. The historical context of the artwork is emphasized to help students understand how Japanese artistic production is shaped by the social and cultural forces of the times.

Offered: First Semester ( As Needed)

**ART 357 - High Renaissance & Mannerist Art (4.0)**

Prerequisite: ART 220 or permission of the instructor. Through the works of artists such as da Vinci, Michelangelo, Raphael and their Venetian counterparts, this course examines the major developments in

Italian art from 1480 to 1580. It explores a range of artistic and cultural issues, such as the notion of artistic genius and the changing status of the visual arts. Close attention is also given to political and religious contexts.

Offered: Second Semester ( As Needed)

**ART 358 - Baroque Art (4.0)**

Prerequisite: ART 221 or permission of the instructor. European art and architecture of the 17th and 18th centuries. Selected treatment of style, subject matter, medium and context of an art in the age of kings, courts, academies and emergent nations. Slide lectures and discussion, with a field trip to the National Gallery of Art.

Offered: First Semester ( Odd Years)

**ART 360 - Nineteenth Century Art (4.0)**

Prerequisite: ART 221. Art and society in Europe and America from the French Revolution to World War I. Topics include the development of a "modern" visual idiom, rise in status of the artist, emergence of museums and galleries, invention and role of photography and new building technologies. Lecture, discussion, opportunity for independent research and field trip to a major collection.

Offered: First Semester ( Odd Years)

**ART 361 - Twentieth Century Art (4.0)**

Prerequisite: ART 221. European and American art from the 20th century with a strong emphasis on the cultural, social, and political context in which this art was produced. Emphasis is on the overarching themes of Modernism and Postmodernism and topics such as the avant-garde, nationalism, globalization, consumerism, race, gender, class and ethnicity.

Offered: Second Semester ( Odd Years)

**ART 362 - Rome and Hollywood (4.0)**

Prerequisites: A course in film and/or the ancient world (art, history, literature) or permission of the instructor. This course focuses on the interpretation of popular and artistic representations of Roman history and society in the modern medium of cinema. This course will consider some of the most imaginative American, British and Italian films recreating ancient Rome, from the epics of the silent era to modern television documentaries and blockbusters.

Offered: Offered as Needed

**ART 363 - Roman Art & Culture (4.0)**

Prerequisite: Junior standing, ART 220 or HIST 365 or permission of the instructor. Starting with the precursors of Roman culture and ending with the transition to the Byzantine period, this course will consider the visual media (sculpture, painting, mosaic, architecture, inscriptions, and the decorative arts) that the Romans used to express cultural ideals and imperial authority, and to define themselves to the outside world.

Offered: Second Semester ( Even Years)

**ART 370 - Archaeological Fieldwork (3.0)**

Prerequisites: 12 credits in art at the 200-level or above, and permission of the archaeology concentration coordinator. May be repeated. Opportunity to learn archaeological field methods through hands-on experience at an archaeological site selected in collaboration between the student and archaeology concentration coordinator. Students are expected to observe and learn both survey and excavation techniques, recording, drawing and analyzing finds.

Offered: Either Semester

#### **ART 371 - Themes in Art History (4.0)**

Prerequisites: ART 220, ART 221 or permission of the instructor.  
Advanced topics in art history. A chance to pursue in more detail subjects only touched upon in large survey courses.

Offered: Either Semester

#### **ART 372 - Arts of the Non-Western World (4.0)**

Prerequisite: ART 201, ART 220 or ART 221 This course allows students to focus on topics and media not featured in broader survey courses of Non-Western art and culture. Courses will feature analysis of major works of Non-Western art, placing these works and their artists in their historical and cultural contexts.

Offered: First Semester

#### **ART 375 - Independent Study (1.0 - 3.0)**

Prerequisite, for theory and studio, 9 credits in art theory and studio courses; for art history, 9 credits in art history or permission of the instructor. Open to juniors and seniors (with instructor's permission). Independent study in theory and studio, or art history.

Offered: Either Semester

#### **ART 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

#### **ART 399 - Internship in Art (3.0 - 15.0)**

Prerequisites: ARTS 101, ART 220, ART 221 and 6 additional credits in art, preferably at the 300-level or above, and permission of the department. Supervised off-campus internship experience in an institution approved by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **ART 399C - Archaeology Internship/Fieldwork Colloq (1.0)**

Prerequisite: Completion of or concurrent enrollment in ART 370 or ART 399 This course completes the internship or fieldwork experience; it is recommended that a student take 399C the same semester as ART 370 or 399 (but previous completion is also acceptable). It complements and supplements the hands-on experiences with a range of relevant readings, research and presentations. Students do not need to repeat the course with a second enrollment in ART 370 or 399.

Offered: First Semester

#### **ART 468 - Contemporary Topics in Visual Art (4.0)**

Prerequisites: Junior standing, completion of 12 credits in ART or ARTS courses with 3 credits at the 300-level or above, cumulative gpa of 2.00 and ART 221. Designed for advanced art history and studio art majors, this course focuses on contemporary topics in the visual arts with an emphasis on important developments in North American and European theory and criticism from the 1960s to the present.

Offered: Second Semester ( Odd Years)

#### **ART 469 - Advanced Topics in Archaeology (4.0)**

Prerequisites: ART 220 and two courses in art history at the 300-level; open to juniors and seniors only. This seminar course will be devoted to

various important subjects in archaeology. Topics will be issues of concern to professional archaeologists today; possible topics include archaeological ethics; religion and archaeology; ceramics and archaeology; and science in archaeology.

Offered: First Semester ( Even Years)

#### **ART 470 - Seminar: Topics in Art & Archaeology (4.0)**

Prerequisites: Three courses in art history at the 200-level or above or permission of the instructor. Open to juniors and seniors majors in art history and archaeology only. This capstone course will be dedicated to various important subjects in art history, archaeology and visual culture. Part will be devoted to lecture and discussion of key readings, images and objects, part to the presentation and consideration of directed research by students.

Offered: Second Semester

#### **ART 471 - Advanced Archaeological Fieldwork (3.0)**

Prerequisites: Art 370, and permission of the Archaeology concentration coordinator. May be repeated. Designed for students with some experience in archaeological fieldwork, who would like to gain greater hands-on experience at an archaeological site selected in collaboration between the student and archaeology concentration coordinator. Students will be expected to acquire one or more advanced archaeological skills.

Offered: Both Semesters

#### **ART 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

#### **ART 505 - The Youngest Art:History of Photography (3.0)**

This course considers the origin, development and variety of photography, from its invention to the present. Students become acquainted with critical and interpretive approaches to photography. Lecture, discussion and independent analysis of selected topics, readings and images. Students have opportunity to produce both visual art and written projects.

Offered: Offered as Needed

#### **ART 506 - Writing for Artists (3.0)**

Prerequisite: Enrollment in the graduate program in Ceramic Arts. This course trains students to write about art critically and in a variety of modes. The course will focus on several types of art writing, from analytical reading and writing projects common to graduate courses in Art and Archaeology to artist statements and manifestos, as well as museum catalog entries and exhibition labels. The course involves weekly writing projects designed to expand students' abilities to observe, describe, research, and analyze artworks, both their own and those produced by others, through writing.

Offered: Second Semester

#### **AREN 508 - Dante and Giotto (3.0)**

An exploration of the poetry of Dante and the painting of Giotto-- addressing such topics as their historical perspective, and the spiritual

and aesthetic sensibilities evident in their art. The course focuses on The Divine Comedy and the Arena Chapel in Padua. (In May, after final exams, students will be offered the opportunity to travel to Italy.)

Offered: Second Semester ( Odd Years)

**ART 540 - Art of Prehistory (3.0)**

Traces the development of human culture and civilization, as expressed in artistic and archaeological evidence, from the origins of modern humans through the advent of agriculture and urbanism around the world. Special attention will be paid to artistic expression as a medium for communication and change. The geographic areas discussed in this course include Asia, Europe, Africa and the Americas.

Offered: First Semester ( Odd Years)

**ART 549 - Art of Egypt and Mesopotamia (3.0)**

An examination of the architecture, sculpture, painting and other arts of the major early civilizations of the Near East, from the Neolithic to c. 500 B.C.. Special emphasis will be placed upon the interconnections between these cultures, as well as their points of divergence.

Offered: Second Semester ( Odd Years)

**ART 550 - Classical Art and Archaeology (3.0)**

This course examines the artistic production and archaeological discovery of the classical age – from the emergence of Greek culture after the Bronze Age to the reign of Constantine. Technological innovations and stylistic developments characteristic of this period are studied in painting, sculpture, architecture, mosaic, and the decorative arts.

Offered: Second Semester ( Odd Years)

**ART 551 - Medieval Art (3.0)**

Architecture, sculpture, and painting from the late Roman empire through the Gothic period. Emphasis on the function and meaning of images and their social and ideological contexts in western Europe and Byzantium. Field trips to the Walters Art Gallery, Dumbarton Oaks, and the National Cathedral.

Offered: Second Semester ( As Needed)

**ART 552 - Northern Renaissance Art (3.0)**

Painting in Northern Europe from the art of the French courts in the late 13th century through the 16th century in the Netherlands and Germany. Field trips to the Walters Art Gallery and the National Gallery of Art.

Offered: First Semester ( As Needed)

**ART 553 - Early Renaissance Art (3.0)**

Painting, sculpture, and architecture in Italy, especially Tuscany, from the early thirteenth century until the late fifteenth century. Topics include civic, religious, and private patronage, the changing status of the artist, and humanism and the arts. Field trips to the Walters Art Gallery and the National Gallery of Art.

Offered: Second Semester ( Even Years)

**ART 557 - High Renaissance & Mannerist Art (3.0)**

Through the works of artists such as da Vinci, Michelangelo, Raphael and their Venetian counterparts, this course examines the major developments in Italian art from 1480 to 1580. It explores a range of artistic and cultural issues, such as the notion of artistic genius and the changing status of the visual arts. Close attention is also given to political and religious contexts.

Offered: Second Semester ( As Needed)

**ART 558 - Baroque Art (3.0)**

European art and architecture of the 17th and 18th centuries. Selected treatment of style, subject matter, medium, and context of an art in the age of kings, courts, academies, and emergent nations. Slide lectures and discussion, with a field trip to the National Gallery of Art.

Offered: First Semester ( Odd Years)

**ART 560 - Nineteenth Century Art (3.0)**

Art and society in Europe and America from the French Revolution to World War I. Topics include the development of a "modern" visual idiom, rise in status of the artist, emergence of museums and galleries, invention and role of photography and new building technologies. Lecture, discussion, opportunity for independent research and field trip to a major collection.

Offered: First Semester ( Odd Years)

**ART 561 - Twentieth Century Art (3.0)**

European and American art from the 20th century with a strong emphasis on the cultural, social, and political context in which this art was produced. Emphasis is on the overarching themes of Modernism and Postmodernism and topics such as the avant-garde, nationalism, globalization, consumerism, race, gender, class and ethnicity.

Offered: Second Semester ( Odd Years)

**ART 568 - Contemporary Topics in Visual Art (3.0)**

Prerequisite: 6 credits of ART or ARTS courses at the graduate level; ART 506 recommended. Designed for advanced art history and studio art majors, this course focuses on contemporary topics in the visual arts with an emphasis on important developments in North American and European theory and criticism from the 1960s to the present.

Offered: Second Semester ( Odd Years)

**ART 569 - Adv Tpc Archaeology (3.0)**

Prerequisites: HUM 501; INST 512 or 3 credits of 500-level ART. This seminar course will be devoted to various important subjects in archaeology. Topics will be issues of concern to professional archaeologists today; possible topics include archaeological ethics; religion and archaeology; ceramics and archaeology; and science in archaeology.

Offered: First Semester ( Even Years)

**ART 570 - Seminar: Topics in Art History (3.0)**

This capstone course will be dedicated to various important subjects in art history, archaeology and visual culture. Part will be devoted to lecture and discussion of key readings, images and objects, part to the presentation and consideration of directed research by students.

Offered: Second Semester

**ART 571 - Archaeological Fieldwork (1.0 - 3.0)**

Designed for students with some experience in archaeological fieldwork, who would like to gain greater hands-on experience at an archaeological site selected in collaboration between the student and archaeology concentration coordinator. Students will be expected to acquire one or more advanced archaeological skills.

Offered: Either Semester

**ART 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.  
Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)  
Offered: Either Semester

## ARTS - STUDIO ARTS

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**ARTS 101 - Design (4.0)**

Not open to students who have completed ARTS 102 or ARTS 103. Lab fee. Students will study the principles of 2D and 3D design through exercises and critical analysis. Lectures and discussion of concepts during class hours, execution of projects during studio hours. Concurrent enrollment in ARTS 123 recommended for students planning to continue in Studio Art.

Core: Art/Visual & Performing  
Offered: Both Semesters

**ARTS 102 - Two-Dimensional Design (2.0)**

Not open to students who have completed ARTS 101. Lab fee. This class presents the fundamentals of two-dimensional design through the use of creative assignments and critical discussion. Using a variety of traditional materials and techniques, students will explore the concepts of line, shape, value, texture, and color.

Offered: Both Semesters

**ARTS 103 - Three-Dimensional Design (2.0)**

Not open to students who have completed ARTS 101. Lab fee. This class is designed as an introduction to working with and understanding three dimensional forms. Students explore the elements and principles of design as applied to three dimensions, through lectures, readings, field trips, assignments, and critiques. The assignments are also designed to establish a comfortable and useful understanding of sculptural materials, methods and tools.

Offered: Both Semesters

**ARTS 123 - Drawing I (3.0)**

Prerequisite: ARTS 101 or ARTS 102 recommended, not required. May be taken concurrently with ARTS 101 or ARTS 102. Lab fee. Introduction to basic concepts of drawing, developing individual skills and providing practice in using various drawing materials. Problems are given in landscape, still-life, figure study and other subject matter. Representational and abstract approaches are used.

Offered: Both Semesters

**ARTS 203 - Ceramics I (3.0)**

Lab fee. A general survey of ceramics in which aesthetic and scientific aspects of ceramics are considered. The course incorporates information about clay, clay preparation, hand building techniques, glazing techniques and kiln technology, with emphasis on the overall aesthetics of the finished work.

Core: Art/Visual & Performing  
Offered: Both Semesters

**ARTS 210 - Color Theory (3.0)**

Lab fee. Color Theory is the study of color and its resulting perceptual effects on 2D and 3D design. This course will cover the color wheel, color harmony, and the context of how colors are used. Students will focus on problem solving that promotes professional color presentation and craft.  
Core: Art/Visual & Performing  
Offered: First Semester

**ARTS 211 - Digital Photography (3.0)**

Prerequisite: ARTS 101 or ARTS 102. Not open to students who have completed ARTS 214. Lab fee. Fundamentals of the photographic medium and its possibilities for visual arts are prime considerations. The course objectives are to master basic camera operations, acquire technical and creative photographic skills and develop a working understanding of pixel-based photography in the digital darkroom. Students must supply their own digital cameras and the cost of materials.

Offered: Both Semesters

**ARTS 214 - Darkroom Photography (3.0)**

Prerequisites: ARTS 101 or ARTS 102. Not open to students who have completed ARTS 211. Lab fee. Fundamentals of the photographic medium and its possibilities for visual arts are prime considerations. The course objectives are to master basic camera operations, acquire technical and creative photographic skills and develop a working understanding of the traditional darkroom/film based photography. Students must supply their own single lens reflex cameras and the cost of materials.

Offered: Second Semester

**ARTS 222 - Exploring Tech in Watercolor Painting (3.0)**

Lab fee. An introduction to the basics of watercolor painting techniques, alongside a study of composition, sketching, color theory and 2D design. Quick exercises, and longer projects in landscape, still life, and figure paintings give students the dexterity, and confidence to take on watercolor painting. This course is meant for any student looking to explore painting. No prerequisites

Offered: Second Semester

**ARTS 224 - Drawing II (3.0)**

Prerequisites: ARTS 101 or ARTS 102, and ARTS 123. Lab fee. A continuation of Drawing I, emphasizing a broad approach to drawing concepts. Representational and abstract approaches to a variety of subjects, including consideration of the figure.

Offered: Second Semester

**ARTS 226 - Digital Arts (3.0)**

Prerequisites: ARTS 101 or ARTS 102, and ARTS 123 In this course, students will learn to create digital images as well as a web portfolio of these images. They will build on the creative experiences introduced in their design and drawing courses. Using Adobe Photoshop and other web design software, students will gain experience in freehand drawing, digital painting, collage with scanned objects and website design.

Offered: First Semester

**ARTS 234 - Relief Printmaking I (3.0)**

Prerequisite: ARTS 101 or ARTS 102. Lab fee. Introduction to relief methods: linocut, woodblock, collograph and experimental techniques. Topics include mixing and manipulating inks, hand printing and use of a printing press.

Offered: Second Semester

### **ARTS 235 - Monotype Printmaking I (3.0)**

Prerequisite: ARTS 101 or ARTS 102. Lab fee. An introductory course designed to teach students monotype printmaking. Students will create prints from various matrixes including plexiglass, wood, styrofoam and collograph plates. Topics include: mixing and manipulating inks, handprinting and use of a mechanized press. Explores color mixing, brushwork, ghost images, chine colle, and stencils.

Offered: First Semester

### **ARTS 237 - Painting I (3.0)**

Prerequisites: ARTS 101 or ARTS 102. ARTS 123 is recommended but not required. Lab fee. Problems in figurative, objective and non-objective painting. Consideration is given to theories of color, pictorial structure and materials and techniques. Students are required to purchase their own supplies.

Offered: Second and/or Summer Semester

### **ARTS 303 - Ceramic Wheel (3.0)**

Prerequisites: ARTS 101 or ARTS 103, and ARTS 203, or permission of the instructor. Lab fee. An introduction to methods used to create wheel-thrown pottery. Topics include wedging, centering, throwing, shaping, trimming, information about clay, slips, glazes, glazing techniques, kiln technology and firing theory, and an understanding aesthetics for the wheel thrown work.

Offered: Both Semesters

### **ARTS 304 - Ceramics:Sculpture/Handbuilding (3.0)**

Prerequisites: ARTS 101 or ARTS 103, and ARTS 203. Lab fee. Through a progression of experiences, including individual sketches, exercises and projects, the student will combine the construction methods of hand building to take a sculptural direction, the characteristics of clay and glazes, the process of firing sculptural work, and an understanding of ceramic composition for the sculptural form.

Offered: First Semester

### **ARTS 311 - Photography II (3.0)**

Prerequisite: ARTS 211 Digital Photography for the digital option or ARTS 214 Darkroom Photography for the darkroom option or permission of the instructor. Lab fee. Provides the development of artistic photography principles and creative laboratory techniques. Students have the option to select either a digital or a darkroom laboratory process to complete their portfolio. Students complete field projects that explore advanced concepts and apply them to projects demonstrating imaginative image making in the field and in the laboratory.

Offered: First Semester

### **ARTS 312 - Photography III (3.0)**

Prerequisites: ARTS 311. Lab fee. Students complete an independent, self-motivated field project of their own choosing that explores advanced photography and laboratory concepts to be applied toward the development of a personal portfolio of fine art work. Students will continue with the same portfolio methodology (digital or darkroom) that they used in ARTS 311.

Offered: First Semester

### **ARTS 314 - Relief Printmaking II (3.0)**

Prerequisite: ARTS 234. Lab fee. An intermediate course designed to support an in depth study of relief techniques introduced in ARTS 234. The focus will be the continued development of subject, content and composition together with the supporting technical mastery in this printmaking domain. Emphasis will be on creating multiple color editions. Students may choose to work in linoleum or woodblock.

Offered: Second Semester

### **ARTS 315 - Monotype Printmaking II (3.0)**

Prerequisites: ARTS 235. Lab fee. An intermediate course designed to support an in depth study of monotype techniques introduced in ARTS 235. The focus will be the continued development of subject, content and composition together with the supporting technical mastery in this printmaking domain. Topics to include: multiple color reductive prints, multiple color additive prints, frottage, stencils, collagraphic monotypes and heat transfers.

Offered: First Semester

### **ARTS 316 - Selected Topics in Studio Art (3.0)**

Prerequisites: ARTS 101, 3 additional studio credits or permission of the instructor. An opportunity for students to study specific studio art topics not included in the regular course offerings. Topics may be selected from one or more of the following areas: drawing, painting, ceramics, sculpture, photography, printmaking. Offered at the discretion of the department.

Offered: Both Semesters

### **ARCA 322 - Photojournalism (3.0)**

Prerequisites: CMA 201 or ARTS 211 or permission of the instructor. Lab fee. This course will introduce students to the communication field of photojournalism. Photojournalism is a very powerful tool in documenting the world around us. From community events, conflicts around the world, the political arena, high school through professional sports and the environment, photojournalists are empowered to show to their audience events that affect their daily lives.

Offered: Second Semester ( Odd Years)

### **ARTS 324 - Drawing III (3.0)**

Prerequisites: ARTS 224 and at least 6 additional credits in studio art at or above the 200-level or permission of the instructor. Lab fee. Advanced study in drawing materials and techniques are explored in this course. Composition and the study of the figure will be emphasized. Focused thematic drawing problems, experimentation with drawing parameters, materials and formats, and the study of contemporary ideologies and current drawing strategies form the core of this course, orienting students to the possibilities of communication specific to the discipline of drawing, and providing a basis for the development of individual drawing projects.

Offered: Second Semester

### **ARTS 330 - Skills for Surviving in Drawing & Pntg (3.0)**

Prerequisites, ARTS 123, ARTS 222 or ARTS 237. Lab fee. Students focus in painting or drawing; projects range from murals, portraits, commissioned drawing and paintings, illustration and faux finishing. Learn to function in a studio and on job site. Simulate working with clients, set up photo shoots, write contracts, learn how to get insurance, give estimates, organize individual and group projects and have an opportunity to work as a crew leader.

Offered: Second Semester

### **ARTS 334 - Advanced Printmaking (3.0)**

Prerequisites: ARTS 314 and/or ARTS 315 Lab fee. This advanced printmaking course is designed to meet the needs of students concentrating in the area of printmaking. Students will refine their printmaking aesthetic and focus on individual projects advancing their technical skills. Topics include: sculptural forms, non-traditional bookmaking and contemporary print aesthetics.

Offered: Both Semesters

### **ARTS 338 - Painting II (3.0)**

Prerequisite: ARTS 237. Lab fee. Advanced problems with further reference to the development of personal expression. Content, composition, spatial relationships and color theory are stressed within a contemporary context.

Offered: First and/or Summer Semester

### **ARTS 339 - Painting III (3.0)**

Prerequisite: ARTS 338. Lab fee. Individual painting projects facilitating the development of a personal idiom. Traditional as well as modern synthetic mixed media are considered as they relate to contemporary expression

Offered: First and/or Summer Semester

### **ARTS 343 - Intermediate Wheel (3.0)**

Prerequisite: ARTS 303. Lab fee. Continued studies in the production of ceramic ware using the potter's wheel as a primary tool, students will acquire an understanding of the science and skills required for creating wheel-thrown pottery and develop a personal statement with their ceramic art.

Offered: Both Semesters

### **ARTS 344 - Drawing IV (3.0)**

Prerequisites: ARTS 324 Drawing III or permission of the instructor. Lab fee. An investigation into drawing techniques. Students accomplished in the fundamentals of perceptual and nonobjective drawing will pursue projects for individual discovery and growth. Focused thematic drawing problems, experimentation with materials and formats, and the study of contemporary ideologies and current drawing strategies, providing a basis for the development of individual drawing projects.

Offered: Second Semester

### **ARTS 345 - Ceramic Sculpture (3.0)**

Prerequisite: ARTS 304. Lab fee. An in-depth study of materials, skills, procedures, and aesthetics relating to a variety of sculpture techniques in clay, and considerations for surface finishing and firing of sculptural forms.

Offered: Second and/or Summer Semester

### **ARTS 375 - Independent Study (1.0 - 3.0)**

Prerequisites: for theory and studio, 9 credits in art theory and studio courses or permission of the instructor. Open to juniors and seniors with instructor's permission. Independent study in theory and studio or art history.

Offered: Either Semester

### **ARTS 388 - Painting (3.0 Credits)**

### **ARTS 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

### **ARTS 469 - The Business of Art (2.0)**

Prerequisites: Enrollment restricted to declared studio arts majors with junior standing or permission of the instructor. Lab fee. Covers the essentials of managing a small art business and the development of concepts in preparation for the capstone exhibition. Each artist will begin to develop their art business and visual identity, learn about taxes, record keeping, develop PR materials, document their creative process, assemble an artists' portfolio, and begin to create a body of work for their senior exhibition.

Offered: First Semester

### **ARTS 470 - Senior Seminar (3.0)**

Prerequisites: ARTS 469 or permission of the instructor. Lab fee. The capstone experience for students with a concentration in studio art, this course will provide students with direction and guidance as they produce a finished portfolio of exhibition quality work. Emphasis is placed on independent production, class presentation, and critical assessment as students complete a body of work for their required professional exhibition.

Offered: Second Semester

### **ARTS 500 - Ceramics:Sculpture/Handbuilding (3.0)**

Lab fee. An in-depth study of materials, skills and procedures relating to a variety of handbuilding techniques in a sculptural direction in clay, with an emphasis on form, surface, transitions and terminations, considerations for surface finishing and firing, and the development of aesthetics in the sculptural ceramic form.

Offered: First Semester

### **ARTS 501 - Glaze Application (1.0)**

Lab fee. A study of basic and advanced information and techniques for successful glazing of the ceramic form. Learn to analyze the bisque form to make appropriate finishing choices to balance or strengthen the composition, learn techniques that will facilitate the glazing process and discuss procedures to standardize to achieve consistent glaze results.

Offered: Summer Semester

### **ARTS 502 - East Asian Wedged Coil Technique (1.0)**

Lab fee. One of the most valuable methods for the construction of asymmetrical work, East Asian Wedged Coil Technique provides the greatest wet structural strength for clay sculpture. Learn coil making and building, and the advanced techniques of coil riveting, ribbing, bridging, boating and bracing for large and/or sculptural forms in clay.

Offered: First and/or Summer Semester

### **ARTS 503 - Ceramic Wheel: Intensive Throwing (3.0)**

Lab fee. An advanced study of the production of ceramic ware using the potter's wheel as a primary tool. Through exercises, personal research and practice, the student will create open and vertical forms at the potter's

wheel, understand the basic nature of clay, throwing, trimming, glazing and firing techniques to produce finished glazed pieces for critique.

Offered: Both Semesters

#### **ARTS 504 - Ceramic Decoration (3.0)**

Lab fee. An in-depth study of materials and techniques suitable for the enrichment of clay and glaze surfaces, decoration in the forming process, the bisque fired stage, the use of firing technologies, post-firing techniques, and three dimensional design concepts that evoke appropriate decorative treatments for works in clay.

Offered: Summer Semester ( Even Years)

#### **ARTS 505 - Ceramic Wheel: Masters' Throwing Conc (2.0)**

Lab fee. An in-depth study of advanced throwing concepts designed to assist the student to cognitively understand the essence of clay, the broadcast potential of the medium and learn to respond to the forces affecting the movement of clay during the throwing process in a synthesis of skill, knowledge and artistic expression.

Offered: Summer and/or Winter Semester

#### **ARTS 506 - Ceramic Wheel: Masters' Throwing II (2.0)**

Prerequisite: ARTS 503 or 505. Lab fee. A concentration on advanced throwing skills, to develop the confidence and strength which frees the student to move toward individual aesthetic expression. The course provides a more in-depth coverage of specific concepts with focus on individual needs for building skill, efficiency and personal direction.

Offered: Summer Semester ( Odd Years)

#### **ARTS 507 - Plates and Platters (1.0)**

Lab fee. An in-depth study of the throwing and finishing plates and large platters, including structural strength concepts for low open forms, methods for centering, a variety of throwing techniques, information on finishing, firing and composition.

Offered: Second Semester ( Odd Years)

#### **ARTS 508 - Ceramic Sculpture (3.0)**

Prerequisite: ARTS 502. Lab fee. Applied three-dimensional ceramic design and construction covering a variety of methods of hand-forming with clay to take a sculptural direction. Techniques include tile relief, eastern coil, slab construction, modeling the figure, the portrait bust, structural strength concepts for sculpture and firing considerations for sculptural forms.

Offered: Second and/or Summer Semester

#### **ARTS 509 - Throwing Large Forms (3.0)**

Lab fee. The workshop will focus on the techniques and aesthetic perspective employed to produce large-scale pots. Participants will develop alternate methods to throw and center large pots. Throwing large allows a more elastic understanding of the relationship between object and the space it occupies.

Offered: Summer Semester

#### **ARTS 510 - Brush Making (1.0)**

Lab fee. The brushmaking techniques, developed for use in ceramic decoration, have been adapted from traditional methods used by Japanese potters to take advantage of glues, threads, hair, fibers and other materials that are currently available

Offered: Offered as Needed

#### **ARTS 511 - Properties of Clay (1.0)**

Lab fee. A study of the properties of clay and clay bodies desired by the studio potter. Testing and correction of body formulae for throwing or hand-building clays in stoneware and porcelain. Formulation, testing and correction of slips, terra sigillata and glaze base for specific clay bodies.

Offered: First Semester

#### **ARTS 512 - Eastern & Western Tech in Trimming (1.0)**

Prerequisites: ARTS 503 or ARTS 505. Lab fee. The importance of the finishing of the thrown work by turning the foot and the trimming of excess clay to refine the form has often been overlooked. The details of trimming enhance or destroy the structural integrity of the form. It is critical for the potter to understand the qualities essential for the structure and aesthetics of the completed piece.

Offered: Winter Semester

#### **ARTS 515 - Ceramic Arts Throwing Lab (1.0)**

Prerequisites: ARTS 505. Lab fee. Ceramic Arts Throwing Lab provides students with supervised studio time to develop and refine skills taught in the ceramic arts courses dedicated to throwing on the potter's wheel. A faculty member will supervise the lab, develop an individual education plan, and provide students with information and assistance to work on problem areas.

Offered: Offered as Needed

#### **ARTS 517 - Dynamic and Asymmetrical Wheel (3.0)**

Prerequisite: ARTS 505. Lab fee. The course will provide the student with experience in alternatives to simple wheel throwing by combining wheel and handbuilding techniques. Procedures to alter forms include shaping, paddling, faceting, combining separately thrown forms, and integrating coiling and throwing. Work may be in stoneware or porcelain.

Offered: First Semester ( Odd Years)

#### **ARTS 520 - Photographing Ceramics (1.0)**

Lab fee. The study of aesthetic considerations in photographing ceramic art. Composition of the object as it relates to the camera frame. Students will evolve a personal portfolio and slide library of individual works and images.

Offered: Second Semester

#### **ARTS 521 - Properties of Glaze (2.0)**

Lab fee. A study of the properties of glazes and the materials used to develop original glazes and adjust existing glazes for stoneware and porcelain. The course will include directed study research and laboratory testing with selected topics in glaze composition, clay/glaze relationship, color, texture and materials.

Offered: First Semester

#### **ARTS 525 - Electric Kilns (1.0)**

Lab fee. An in-depth study of all aspects of modern electric kilns used for ceramics, including design, construction and materials, related supplies and equipment, loading procedures, operation, unloading, routine maintenance, diagnosis of common problems and repair, safety and selection criteria for choosing the appropriate kiln for different applications.

Offered: Winter Semester

**ARTS 528 - Contemporary Raku Techniques (1.0)**

Prerequisite: Enrollment restricted to students admitted to the graduate ceramic arts programs. Lab fee. Knowledge of the raku process is essential for MA and MFA students. Raku firing provides a basic understanding of the oxidation/reduction cycles for the firing of all fuel fired kilns.

Offered: Either Semester

**ARTS 530 - Kiln Technology & Firing Theory (2.0)**

Lab fee. A study in kiln stacking and firing procedures with concentration on reduction atmosphere firings; notes on types of kilns and basic kiln construction, oxidation firing, kiln maintenance and repair, kiln furniture, heat measuring devices and safety equipment.

Offered: First Semester

**ARTS 531 - Wood Firing Theory (2.0)**

Lab fee. A study in wood firing with information on stoking patterns, heat rise and firing theory, wadding composition and placement, loading and stacking procedures, types of woods, stoking patterns; the effects of oxidation/reduction cycles and more will be covered. Full participation in all aspects of preparation and firing is required.

Offered: First Semester

**ARTS 532 - Firing Large Scale Wood Kiln (2.0)**

Lab fee. An in depth study in the history, theory, techniques and aesthetics of the long wood firing in a large single chamber or multi-chambered kiln, including in depth information covering all aspects of firing these large historic kilns and practical experience at each stage of the process.

Offered: Second and/or Summer Semester

**ARTS 540 - Clay/Glaze Chemistry Theory & Practice (3.0)**

Lab fee. Directed research and laboratory testing with selected topics in clay and glaze composition, clay/glaze relationship, color, texture, and new materials. A continuing study of clay bodies, testing and correction of body formulas, plus development of base glazes.

Offered: Second Semester

**ARTS 542 - Modeling the Figure (3.0)**

Lab fee. The study of structure, proportion and movement as seen in the human figure is key to the understanding and appreciation of balance, design and the interaction of objects within nature. An in-depth study of the figure in clay, including anatomy and articulation using the life and costumed model, and considerations for finishing and firing figurative work.

Offered: Offered as Needed

**ARTS 543 - History of Ceramic Arts (3.0)**

A survey of the history of ceramic arts from its beginning through the present time in the context of the history of the people who made and used the wares. The ways that these examples were made and their place in the history of ceramic technology will also be examined.

Offered: Second Semester ( Odd Years)

**ARTS 545 - Large Scale and Composite Sculpture (3.0)**

Prerequisite: ARTS 508. Lab fee. Directed study in design, construction and finishing of composite and architectural ceramics with emphasis on specific engineering requirements for construction, drying and firing.

Topics will include construction methods for slab, coil, composite, mural and architectural projects.

Offered: First Semester ( Odd Years)

**ARTS 547 - Creating with Porcelain (3.0)**

Lab fee. An in-depth study of the characteristics and techniques for working with porcelain, including exploration of classical porcelain, low open forms, plates and platters, horizontal throwing, and advanced glazing procedures.

Offered: First Semester ( Odd Years)

**ARTS 552 - Kiln Design and Construction (3.0)**

Lab fee. The firing is the climax of the potters' labor. - Bernard Leach. A kiln that fires well is a vital step in the creative process. The unique characteristics of a kiln designed and built by a potter, provides for individual personal expression in the work. An understanding of kiln design and construction will provide the student with the ability to create and build a kiln suited for their personal creative direction.

Offered: Offered as Needed

**ARTS 564 - Aesthetics and Criticism (3.0)**

The freedom of personal aesthetic expression is the goal toward which most artists strive. Criticism, the spoken or written talk about art, conveys a power to build or destroy. The course will explore the language of aesthetics and criticism to bring the student toward the creation and interpretation of beauty and meaning in their artistic statement.

Offered: Second Semester ( Even Years)

**ARTS 569 - Survival Skills for Visual Artists (1.0)**

Prerequisite: Completion of twelve credits in the graduate certificate program or MFA. Lab fee. The development of a body of work in preparation for the artist's capstone exhibition and the business of survival as an artist will prepare students for the creation of a body of work for exhibition in ARTS 570 Seminar in Personal Studio Research.

Offered: First Semester

**ARTS 570 - Seminar in Personal Studio Research (3.0)**

Prerequisite: Successful completion of ARTS 569. Lab fee. Through individual research the student will develop a personal artistic statement, set goals, create a cohesive body of work and present a professional exhibition of their work. Topics include presentation of artwork, group critique, individual problem solving, aesthetic discussions, professional development, studio organization, gallery installation, marketing, and legal and ethical issues.

Offered: Second Semester

**ARTS 571 - Arts Management & Marketing (3.0)**

In our society an artist functions as sole proprietor of a small business which markets the personal art work. Financial survival for the artist depends on the ability to manage the business and market the art work. The course will provide the artist with basic marketing and bookkeeping skills necessary to become a self-supporting ceramics artist or production potter.

Offered: Second Semester

**ARTS 574 - Advanced Studies in Ceramic Arts (3.0)**

Prerequisites: ARTS 540, ARTS 530, and/or permission of the program director. Lab fee. A course that provides the opportunity to learn how to

perform research and put the knowledge into practice. The research, consisting of both literature search and instructed experimentation, will be completed by the student with the instructor's direction. The student will gain an understanding of critical thinking and the nature of research before progressing to more advanced thesis levels of study or employment.

Offered: Winter Semester

#### **ARTS 575 - Independent Study (1.0 - 3.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

#### **ARTS 576 - MFA Thesis Preparation (3.0)**

Thesis preparation will facilitate organization of time, approach and topic of the Masters of Fine Art Thesis at Hood College. The procedures in planning, writing the abstract and conceptual format of the thesis, selection of the active thesis committee, and presentation of the thesis are included. The Hood College MFA Guidelines contain detailed information for the preparation of the thesis proposal.

Offered: Either Semester

#### **ARTS 580 - MFA Thesis Research (6.0)**

Prerequisite: ARTS 576. Lab fee. Directed in-depth study and research for the development of aesthetic and technical skills necessary for the production of original ceramic artwork to satisfy a thesis concept in the candidate's chosen area. The MFA candidate must consult the Hood College MFA Thesis Guidelines for detailed information and expectations and satisfy all requirements found in the guidelines.

Offered: Either Semester

#### **ARTS 590 - Teaching Assistant in Ceramic Arts (1.0 - 4.0)**

Prerequisites: At least 18 credits in Ceramic Arts and by invitation of the Director of the Ceramic Arts Program. A teaching practicum for advanced Ceramic Arts graduate students who wish to sharpen their teaching skills. Duties would include assisting the instructor in class-related projects such as organizing discussions, constructing exams, developing projects, grading rubrics, and arranging for non-print media instruction. The course may be repeated for up to 6 credits.

Offered: Either Semester

#### **ARTS 595 - MFA Thesis Exhibition (4.0)**

Prerequisite: Previous or concurrent enrollment in ARTS 580. Lab fee. Thesis Exhibition is the application of the results of the thesis research culminating in the creation of artwork presented in a public exhibition. All planning, preparation and installation of the thesis exhibition will be the responsibility of the MFA candidate.

Offered: Either Semester

#### **ARTS 599 - Special Topics in Ceramic Arts (1.0 - 3.0)**

Lab fee. Selected topics courses, 1-3 credits, offer an opportunity for students to study specific ceramic art topics not included in the regular course offerings. Usually taught by guest artists, the selected topics courses provide a variety of directions and voices beyond the basic curriculum.

Offered: Either Semester

## **ASL - AMERICAN SIGN LANGUAGE**

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#### **ASL 101 - American Sign Language I (3.0)**

An introduction to the grammar and structure of American Sign Language (ASL) for students with no or limited knowledge of ASL. Immersion and interpersonal communication will be emphasized. Students learn grammar in the context of communicative activities. The course includes language laboratory and is an integral component of the course. (This course is taught in ASL only.)

Offered: Both Semesters

#### **ASL 102 - American Sign Language II (3.0)**

Prerequisite: ASL 101. A continuation of American Sign Language I, with the expansion of conversational language skills as the medium of communication will be used in this classroom. Develops receptive/expressive skills. Features additional information about the Deaf community and Deaf culture. (This course is taught in ASL only.)

Offered: Second Semester

## **ASTR - ASTRONOMY**

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#### **ASTR 113 - Introduction to Astronomy (3.0)**

Prerequisite: MATH 099 or Level II placement on the Basic Math Skills Inventory. A survey of astronomy: understanding the visible sky, the planets and solar system, telescopes and measurement methods, the nature of stars and stellar evolution, the possibilities of life elsewhere. Relevant physical laws will be discussed.

Offered: Both Semesters

#### **ASTR 335 - Teaching Assistantship in Astronomy (1.0 - 2.0)**

Prerequisite: ASTR 113 or invitation of the instructor. (may be repeated for a maximum of 4 credits.) An opportunity for qualified students to assist in ASTR 113 or 115 by tutoring students in these courses or by helping prepare and/or conduct observation exercises under the supervision of the instructor. Students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **ASTR 375 - Independent Study (1.0 - 3.0)**

Prerequisites: 6 credits of course work in astronomy and permission of the department. Independent study, either reading or laboratory work in a selected field of astronomy.

Offered: Either Semester

## **BIOL - BIOLOGY**

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A grade of "C-" or above in all prerequisite courses is required.

**BIOL 111 - Secret Lives of Plants (4.0)**

(4 credits/3 lecture and 3 laboratory hours) This course will expand students' botanical horizons. Students will learn that plant life is central to life on earth. This course will emphasize the structure and function of plants, how they grow and develop, the relationship between photosynthesis and respiration and the diversity of photosynthesizing organisms.

Core: Scientific Thought-Lab

Offered: Either Semester

**BIOL 112 - Biology of Food & Nutrition (4.0)**

(4 credits/3 lecture and 3 laboratory hours) This course will examine core concepts in biology through the lens of food. We will explore questions such as: What is food and what is it made of? How do different types of organisms obtain food? Why do organisms need food and what do they do with it after they get it? We will also study biological processes in the context of food as it relates to Homo sapiens. Topics will include nutrition, food-borne disease, food preparation and preservation.

Core: Scientific Thought-Lab

Offered: Either Semester

**BIOL 113 - Newsstand Biology (4.0)**

Fundamental biological concepts will be studied in readings and discussions taken from current, "popular" scientific literature. The course will convey ways in which biology touches our lives as well as the excitement of scientific discovery.

Core: Scientific Thought-Lab

Offered: Either Semester

**BIOL 114 - Biodiversity: Past Present & Future (4.0)**

This course explores the broad history of biological diversity, from the origins of life through the evolution of dinosaurs to the disappearance of prehistoric mammals during the last Ice Age. Current issues addressed will include the scope of present-day biological diversity, its usefulness to humans and its importance to ecosystems. The course will emphasize the causes of extinction, its possible consequences and strategies to conserve and restore biological diversity for the future.

Core: Scientific Thought-Lab

Offered: Either Semester

**BIOL 117 - This Course Will Bug You (4.0)**

This course is designed to introduce the student to insects as a unique life form. The student should gain an appreciation for the diversity of form and function that exists in the insect world. We will develop an understanding of insects as organisms within the ecology of the earth, investigating how insects live, studying their life cycles and understanding how insects and humans interact. Insects will be used as models to explore the fundamental biological concepts of evolution, anatomy, physiology, genetics, behavior and ecology. Special topics will include: insects as vectors of disease, forensic entomology, invasive species and controlling insect pests. All students will be required to prepare an insect collection.

Core: Scientific Thought-Lab

Offered: Either Semester

**BIOL 119 - Biology of Marine Organisms (4.0)**

Earth's oceans occupy over 70 percent of its surface area. This course uses the marine environment as a basis to explore general biological ideas and concepts. Life on earth is believed to have originated in the sea, so the study of marine organisms teaches us much about all life on earth, not just that in the sea. The classification, anatomy, physiology, homeostasis and unique ecological adaptations of many marine plants and animals will be explored. Students will learn about life in estuaries, rocky intertidal areas, sandy beaches, and the open ocean. Lecture and laboratory material may be supplemented with discussion of current issues, slides, videos, literature searches and student presentations.

Core: Scientific Thought-Lab

Offered: Either Semester

**BIOL 134 - The Biology of Cancer (3.0)**

Core concepts in biology will be examined by exploring the impact of cancer on the individual cell and the entire organism. In addition to an introductory textbook, readings and discussions will focus on how to obtain the scientific knowledge a citizen of the 21st century needs to be able to understand the human condition. Emphasis will be on cellular structure and function, energy metabolism and regulation of cell reproduction, as well as information concerning the scientific basis of some currently available treatments.

Core: Scientific Thought-Non-Lab

Offered: Either Semester

**BIOL 138 - The Human Health Mosaic (3.0)**

Human health and longevity are predicted by a number of factors from family history to immediate environment. This course will introduce students to basic cell biology, physiology, genetics, nutrition, evolution and ecology with a focus on human health. Throughout the course, we will focus on how to be a careful, critical reader of popular science articles concerning human health factors. Students will also explore a number of specialty topics, such as the science of cigarette addiction.

Core: Scientific Thought-Non-Lab

Offered: Either Semester

**BIOL 140 - Biology of Symbiosis (3.0)**

Symbioses, in which different organisms are intimately associated for a significant portion of their lives, are everywhere in nature, and they are an essential component of the health of individual organisms and ecosystems. In fact, symbiosis is one of the reasons that many organisms can even exist! In this course, we will explore the diversity of types of symbiotic relationships between unicellular organisms and animals, plants, and fungi. Students will be introduced to the general biology, physiology and ecology of associations between algae and invertebrates (such as corals), Rhizobia and legumes, and chemoautotrophic/methanotrophic bacteria and marine invertebrates. We will also examine the interactions between the partners of lichens, mycorrhizal associations (fungi and tree roots), digestive/nutritional symbioses (such as termites, ruminants, and human guts) and bioluminescent symbioses.

Core: Scientific Thought-Non-Lab

Offered: Either Semester

**BIOL 141 - Thinking About Thinking (3.0)**

The course will explore the biology of the brain from an introductory perspective, learning about the senses, muscular responses, and cognition. Topics will include vision, emotions, memory, and the neurobiological aspects of language, exploring neuroscience from the scale of components of the individual cell, to the majestic and mysterious organ now contemplating itself.

Core: Scientific Thought-Non-Lab

Offered: Either Semester

**BIOL 142 - Biotechnology: The Future is Here (3.0)**

This course addresses selected scientific and technological advances in biomedical research and molecular biology such as recombinant DNA technology, mammalian cell culture and protein expression. Ethical, global, legal and economic issues resulting from the biotechnological industry will be discussed.

Core: Scientific Thought-Non-Lab

Offered: Either Semester

**BIOL 110-129 - Biological Inquiry (4.0)**

(Junior and senior biology majors cannot take a second Biology 110-129 course without permission from the Department.) These courses promote the student's understanding and appreciation of biology, the scientific approach to problem solving and the importance of science in our society. Various topics will be offered each semester. Laboratory work is an integral part of each course.

Offered: Either Semester

**BIOL 130-149 - Biological Inquiry (3.0)**

(Junior and senior biology majors cannot take any Biology 130-149 course without permission from the department.) These courses promote the student's understanding and appreciation of biology, the scientific approach to problem solving and the importance of science in our society. Various topics will be offered each semester.

Core: Scientific Thought-Non-Lab

Offered: Either Semester

**BIOL 201 - Evolution and Ecology (4.0)**

Prerequisite: BIOL 110-129 course or ENSP 101 and ENSP 102 or permission of instructor. Evolution is the unifying theory of biology. This course will introduce you to the fundamental concepts of evolution, the study of changes in organisms over time and to ecology, the study of organisms and their environment. These two topics are naturally paired, as ecology is the basis of the selective pressures that lead to evolution.

Offered: Second Semester

**BIOL 202 - Physiology of Plants & Animals (4.0)**

Prerequisites: BIOL 110-129 or ENSP 101 and ENSP 102, and CHEM 101 (or concurrent), or permission of instructor. A study of the wide variety of structural and functional adaptations found in members of the plant and animal kingdoms. The topics of investigation include nutrient procurement, gas exchange, internal transport, movement, development, reproduction and chemical control mechanisms. Lectures and laboratories will focus on the physiological systems of various plant divisions and animal phyla.

Offered: First Semester

**BIOL 203 - Intro to Cell Biology & Genetics (4.0)**

Prerequisites: BIOL 110-129 course or ENSP 101 and ENSP 102, and CHEM 102 (or concurrent), or permission of instructor. A study of biological processes at the cellular and subcellular levels. What are the challenges of being a cell? The course will examine this question and study how cells have evolved to meet these challenges. Emphasis will be on the structure/function relationships of cells, on the energetic demands of cells and on the information storage and retrieval mechanisms of cells. In addition to the above topics, the laboratory portion of the course will familiarize students with modern molecular genetic techniques.

Offered: Second Semester

**BIOL 307 - Intro Human Anatomy & Physiology (4.0)**

Prerequisites: BIOL 202 and BIOL 203, or permission of the instructor. An integrated, introductory course in anatomy and physiology emphasizing the structure and function of the human body. The structure, physiology and interrelationships of the organs and organ systems of the body are studied. Designed for students in the allied health fields.

Offered: First Semester

**BIOL 309 - Aquatic Ecology (4.0)**

Prerequisite: BIOL 201 or permission of the instructor. Concepts of ecology are elucidated using examples from freshwater, marine and estuarine systems. The course investigates the biological and ecological processes that comprise functioning aquatic systems. We will consider the workings of lakes, streams, bays, oceanic waters, rocky shores, soft-sediment bottoms, grass beds, marshes and coral reefs. Field trips will emphasize a wide variety of aquatic habitats. Case studies of resource management issues and human impacts on aquatic environments will exemplify the application of aquatic ecological concepts.

Offered: Offered as Needed

**BIOL 314 - Developmental Biology (4.0)**

Prerequisites: BIOL 202 and BIOL 203 and CHEM 209, or permission of the instructor. Developmental biology is an in-depth tour of the cycle of life which includes fertilization, cleavage, gastrulation, organogenesis, metamorphosis, and gametogenesis. The laboratory portion of the course will provide students with unique cellular and molecular techniques specific to the field, as well as hands-on microscopy and histology experience.

Offered: Offered as Needed

**BIOL 316 - Genetics (4.0)**

Prerequisites: BIOL 201 and BIOL 203 and CHEM 209 (or concurrent enrollment), or permission of the instructor. An in-depth investigation into the mechanisms of heredity. Students will build a strong framework of knowledge in transmission genetics, including topics such as advanced Mendelian analysis, linkage and recombination, and gene and chromosome mutations. From this framework, the course will explore the foundations of molecular genetics. Topics include the biochemistry of the gene, the genetics of biochemical pathways, DNA function, control of gene expression and recombinant DNA technology and its applications. Next, the course will take a modern population genetics perspective and examine the importance of genetic variation to natural populations and the evolutionary forces that shape that variation. The course will conclude by considering the scientific context and societal implications of modern genetics through topics such as genetic screening.

Offered: Second Semester

**BIOL 331 - Microbiology (4.0)**

Prerequisites: BIOL 203 and CHEM 209, or permission of the instructor. A study of the structure and function of microorganisms with emphasis on bacteria. Microbiological processes important in medical, industrial and environmental applications will be discussed.

Offered: Second Semester

**BIOL 335 - Teaching Assistantship in Biology (2.0)**

An opportunity for qualified juniors and seniors to assist in the laboratory instruction of BIOL 110-129, BIOL 201, BIOL 202, or BIOL 203 and other selected courses. Interested students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**BIOL 336 - Vertebrate Zoology (4.0)**

Prerequisites: BIOL 201 and BIOL 202 Vertebrate Zoology explores the biological themes of unity and diversity among the vertebrates. The course emphasizes the functional morphology, ecology and evolutionary biology of the major vertebrate groups, both past and present. A conservation biology perspective on extant and recently extinct vertebrate groups highlights the interplay between organismal, population and higher levels of biological organization. The laboratory introduces theoretical and fieldwork techniques for studying vertebrates.

Offered: First Semester ( Odd Years)

**BIOL 337 - Invertebrate Zoology (4.0)**

Prerequisites: BIOL 201 and BIOL 202, or permission of the instructor. An introduction to the biology of invertebrate animals, especially the marine forms. Emphasis will be placed on the physiology, ecology, functional morphology and evolutionary relationships of the major groups. Students will collect animals from a variety of field sites and examine them in the laboratory. The primary collecting area will be the estuary and barrier island complex near the Duke University Marine Laboratory in Beaufort, N.C.

Offered: Offered as Needed

**BIOL 338 - Advanced Ecology (4.0)**

Prerequisites: BIOL 201 and BIOL 203, or permission of instructor. A literature-based course covering areas of current research in the design of experiments, evolutionary biology, population genetics, community ecology and ecosystem science. The course emphasizes reading and critiquing the primary scientific literature. Lectures and laboratories will stress that modern ecology and evolutionary biology are hypothesis-driven sciences, and that posing sound arguments and collecting solid supporting evidence are essential for a deeper understanding of the history of life on earth and its present day organization at levels above the individual. Students will put these ideas into practice through the laboratory component of the course as they work on two extended research projects in the field, the greenhouse or the lab.

Offered: Offered as Needed

**BIOL 339 - Cell Biology (4.0)**

Prerequisites: BIOL 203 and CHEM 209 (or concurrent enrollment), or permission of the instructor. The study of cellular structure and function. Cellular organelles' contribution to the life of the cell are

examined. Differentiated and specialized cells are used to illustrate genetic and molecular mechanisms.

Offered: First Semester

**BIOL 343 - Animal Behavior (4.0)**

Prerequisites: BIOL 201 and BIOL 202, or permission of the instructor. An examination of the mechanisms of behavior and the interactions between animals including hormonal factors, population regulation, mating, altruism and communication. Laboratory work will focus on behavioral mechanisms as well as techniques for studying local animal populations.

Offered: Offered as Needed

**BIOL 344 - Ornithology (4.0)**

Prerequisites: BIOL 201 and (BIOL 202 or BIOL 203 or concurrent enrollment) Birds are excellent subjects to study all levels of biological organization, from biochemistry and genetics through physiology to ecology and evolution. Ornithology explores the biological themes of unity and diversity among modern birds and their ancient ancestors. The course emphasizes the functional morphology, ecology, evolution, and conservation biology of birdlife. A conservation management perspective on birds will highlight proactive measures to maintain and restore bird populations for the next Century. The laboratory introduces theoretical, empirical, and fieldwork techniques for studying birds, and emphasizes identification of birds of the Mid-Atlantic by sight and sound.

Offered: Offered as Needed

**BIOL 348 - Tropical Marine Ecology (3.0)**

Through travel to distant field sites, students will conduct a first-hand examination of the physical, chemical and biological characteristics and processes of a selected ecosystem. Students will be involved in intensive fieldwork, readings and discussion that will focus on interactions between the system's biota and the physical and chemical parameters unique to the geographic area under examination. Comparisons will be drawn between the ecosystem under study and temperate systems more likely to be encountered near the Hood campus.

Offered: Winter Semester

**BIOL 375 - Independent Study (1.0 - 3.0)**

Laboratory, library or field investigation of a biological problem. Selection of topic, preparation of study plan and evaluations of results are guided by means of weekly conferences with the instructor. A minimum 2.0 cumulative Grade Point Average is required.

Offered: Either Semester

**BIOL 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**BIOL 399 - Internship in Biology (6.0 - 12.0)**

Prerequisites: 20 hours of biology, 12 hours of chemistry and permission of the department. Individualized study and training in a cooperating laboratory conducting research in the biological sciences. Participation will include instruction and experience in the use of advanced laboratory equipment and field apparatus, and independent research and reading of

related scientific literature under the guidance of a senior laboratory director. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**BIOL 345-349 - Field Ecology & Natural History (3.0)**

Prerequisite: BIOL 201 or permission of the instructor. Through travel to distant field sites, students will conduct a first-hand examination of the physical, chemical and biological characteristics and processes of a selected ecosystem. Students will be involved in intensive fieldwork, readings and discussion that will focus on interactions between the system's biota and the physical and chemical parameters unique to the geographic area under examination. Comparisons will be drawn between the ecosystem under study and temperate systems more likely to be encountered near the Hood campus.

Offered: Summer and/or Winter Semester

**BIOL 408 - Adv Human Anatomy and Physiology (4.0)**

Prerequisite: BIOL 307 or permission of instructor. A continuation and extension of BIOL 307. Topics include fetal development, pregnancy and lactation, stress and exercise physiology, sensory function, endocrine disruption, and aging. Course includes both classroom and laboratory components and is designed for biology majors and/or students in the allied health fields.

Offered: Second Semester

**BIOL 411 - Protein Biochemistry (3.0)**

Prerequisites: BIOL 203 and CHEM 210, or permission of the instructor. A study of the structure and function of biological macromolecules, particularly proteins. Topics include acid-base equilibria, protein folding, enzyme catalysis, allosterism and protein engineering.

Offered: First Semester

**BIOL 412 - Biochemistry of Intermediary Metabolism (3.0)**

Prerequisites: BIOL 203 and CHEM 210, or permission of the instructor. A study of the generation and storage of metabolic energy and of the structure, biosynthesis and function of nucleic acids.

Offered: Second Semester

**BIOL 414 - Comparative Animal Physiology (3.0)**

Prerequisites: BIOL 201, BIOL 202, BIOL 203 and at least one 300-level elective or permission of the instructor. This course explores the physiological adaptations of both vertebrate and invertebrate animals, with particular emphasis on the evolutionary origins and ecological significance of these adaptations. Physiological processes will be discussed from both qualitative and quantitative viewpoints at multiple levels of biological organization.

Offered: Second Semester (As Needed)

**BIOL 424 - Molecular Biology Eukaryotic Cells (3.0)**

Prerequisites: BIOL 316 and BIOL 339, or permission of the instructor. The molecular biology of gene expression in eukaryotic cells. Topics include gene mapping, diagnostic screening for genetic anomalies, molecular cloning and genetic regulatory mechanisms. Emphasis on current experimental techniques used to map genes and understand gene expression.

Offered: Second Semester

**BIOL 425 - Virology (3.0)**

Prerequisite: BIOL 424 or permission of the instructor. An introduction to animal viruses with emphasis on classification, structure, the molecular biology of replication and biological activity within eukaryotic cells.

Offered: First Semester

**BIOL 428 - Immunology (3.0)**

Prerequisites: BIOL 331 and BIOL 339, or permission of the instructor. Theories and mechanism of the immune response, including structure and function of immunoglobulins, antigen-antibody reactions, immunobiology, immunogenetics, immunologic enhancement, immunologic protection, immunologic injury, humoral and cell mediated immunity and experimental methods of analysis of antigen-antibody reactions.

Offered: First Semester

**BIOL 434 - Princ & Methods Molecular Genetics (3.0)**

Prerequisite: BIOL 316 or permission of the instructor. This integrated lab-lecture course provides basic concepts and hands-on experience with common molecular genetics and recombinant DNA methods. Topics include techniques for the isolation of DNA and RNA, gene cloning employing plasmid vectors, DNA sequencing, polymerase chain reaction (PCR) technology, expression of fusion proteins in *E. coli*, and web-based analysis of sequence data.

Offered: Offered as Needed

**BIOL 437 - Introduction to Bioinformatics (3.0)**

Prerequisite: BIOL 316 or permission of the instructor. This is a hands-on, applied course that will introduce students to the use of computer software and Web servers in the analysis of biological sequence data (DNA and protein). Topics include: Pairwise and multiple sequence alignment, BLAST, scoring matrices, phylogenetic analysis, DNA sequence analysis and prediction of 2-D and 3-D molecular structures.

Offered: Both Semesters

**BIOL 451 - Plant Ecology (3.0)**

Prerequisite: BIOL 338 or permission of the instructor. Analyzes how environmental fluctuations impact plant populations, along with current problems in plant ecology. Topics include the vital processes of plants, the effects of environmental factors on their metabolism and energy transformations and their ability to adapt to these factors.

Offered: Offered as Needed

**BIOL 470 - Biology Seminar (3.0)**

Prerequisite: Open to biology majors with senior standing who have completed BIOL 201, BIOL 202 and BIOL 203 with grades of C- or above and four elective classes at the 300-level or above in biology with grades of C- or permission of the department. May be repeated once with a different topic. Advanced study in biological science. Each semester the topic will vary according to instructor and student interest. Students will apply knowledge and skills developed in prior course work and will work collaboratively to develop a grant proposal, review article, introductory biology text or other significant document. Students may use this class as the capstone or as a 3-credit elective.

Offered: Second Semester

**BIOL 498 - Special Topics in Biology (3.0)**

Prerequisites: 16 credits in Biology or Permission of the instructor. This course will cover a specific current topic in Biology not offered in the usual listing of electives. This course may count as an elective for the major.

Offered: Offered as Needed

**BIOL 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

## **BMS - BIOMEDICAL SCIENCE**

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**BMS 511 - Protein Biochemistry (3.0)**

Prerequisites: Two semesters of organic chemistry. A study of the structure and function of biological macromolecules, particularly proteins. Topics include acid-base equilibria, protein folding, enzyme catalysis, allosterism and protein engineering.

Offered: First Semester

**BMS 512 - Biochemistry of Intermediary Metabolism (3.0)**

Prerequisite: Two semesters of organic chemistry. A study of the generation and storage of metabolic energy and of the structure, biosynthesis and function of nucleic acids.

Offered: Second Semester

**BMS 513 - Biostatistics in Regulatory Applications (3.0)**

Prerequisite: Open to students with a declared concentration in regulatory compliance. This course will provide the student with a broad understanding of the application of biostatistics in the regulatory context. Course topics will focus on the basic study design, target population, comparison groups and endpoints for animal studies through clinical trials phase I-IV. Specific emphasis will be placed on addressing issues within the US regulatory environment.

Offered: Offered as Needed

**BMS 520 - Protein Purification and Characterization (3.0)**

Prerequisite: BMS 511. Lab fee. A lecture/lab course addressing the principles and practical aspects of protein purification and characterization. In addition, the course will cover practical aspects of enzymology, including kinetic analysis of enzyme-catalyzed reactions.

Offered: Summer Semester

**BMS 523 - Cell Structure & Function (3.0)**

Prerequisites: Organic Chemistry and Cell Biology. A study of the structure of cellular organelles and the biochemistry of cellular events, including signal transduction, transport, protein synthesis, respiration, secretion and tissue organizations. Emphasis is given to experimental designs used in analyzing cellular structures and/or functions.

Offered: First Semester

**BMS 524 - Molecular Biology Eukaryotic Cells (3.0)**

Prerequisite: Genetics course. The molecular biology of gene expression in eukaryotic cells. Topics include gene mapping, diagnostic screening for genetic anomalies, molecular cloning and genetic regulatory mechanisms. Emphasis on current experimental techniques used to map genes and understand gene expression.

Offered: Second Semester

**BMS 525 - Virology (3.0)**

Prerequisites: BMS 523 and BMS 524. An introduction to animal viruses with emphasis on classification, structure, the molecular biology of replication and biological activity within eukaryotic cells.

Offered: First Semester

**BMS 526 - Molecular Mechanisms of Development (3.0)**

Prerequisites: BMS523 and BMS524 or permission of the instructor A study of the molecular mechanisms that initiate and regulate development in the context of model organisms. The developmental events studied include determination, differentiation, induction, pattern formation, morphogenesis, regeneration and aging.

Offered: Offered as Needed

**BMS 527 - Pathogenic Microbiology (3.0)**

Lab fee. The biology of microorganisms including morphological, biochemical, genetic, pathogenic and antigenic attributes, with special emphasis on experimental and theoretical aspects of the mechanisms of pathogenicity and virulence.

Offered: First Semester ( Even Years)

**BMS 528 - Immunology (3.0)**

Prerequisite: BMS 523. Theories and mechanism of the immune response, including structure and function of immunoglobulins, antigen-antibody reactions, immunobiology, immunogenetics, immuno-logic enhancement, immunologic protection, immunologic injury, humoral and cell mediated immunity and experimental methods of analysis of antigen-antibody reactions.

Offered: First Semester

**BMS 531 - Prokaryotic Genetics (3.0)**

Prerequisites: BMS 524 or permission of the instructor. A study of selected topics in genetic regulation, replication, recombination and repair of bacteria. An examination of research that uses genetic approaches to investigate biological systems at the molecular level.

Offered: Offered as Needed

**BMS 533 - Medical Virology (3.0)**

Prerequisite: BMS 525. The role of viruses in human infectious diseases and tumor formation; the host response to viral infection and the epidemiology of viral diseases.

Offered: First Semester ( Odd Years)

**BMS 534 - Princ & Methods Molecular Genetics (3.0)**

Prerequisites: BMS534 or permission of the instructor. Lab fee. This integrated lab-lecture course provides basic concepts and hands-on experience with common molecular genetics and recombinant DNA methods. Topics include techniques for the isolation of DNA and RNA, gene cloning employing plasmid vectors, DNA sequencing, polymerase

chain reaction (PCR) technology, expression of fusion proteins in *E. coli*, and web-based analysis of sequence data.

Offered: Offered as Needed

#### **BMS 535 - Adv Tpc:Recombinant DNA Technology (3.0)**

Prerequisite: BMS 534 or permission of the instructor. Lab fee. A study of the theory and techniques for the introduction, expression and detection of macromolecules in eukaryotic cells. The topics to be covered include the introduction of recombinant genes in eukaryotic hosts. Methodologies to produce transgenic animals will be discussed. Analysis of eukaryotic gene expression, detection of activity by western analysis and cell-based assays

Offered: Summer Semester ( As Needed)

#### **BMS 537 - Introduction to Bioinformatics (3.0)**

Prerequisites: BMS 511 and BMS 524 or permission of the instructor. Lab fee. This is a hands-on, applied course that will introduce students to the use of computer software and Web servers in the analysis of biological sequence data (DNA and protein). Topics include: Pairwise and multiple sequence alignment, BLAST, scoring matrices, phylogenetic analysis, DNA sequence analysis and prediction of 2-D and 3-D molecular structures.

Offered: Both Semesters

#### **BMS 538 - General Pharmacology (3.0)**

Prerequisites: BMS 511, BMS 512 and BMS 523, or permission of the instructor. An introduction into the properties of therapeutic drugs used to treat disease. Topics include receptors, pharmacokinetics, therapeutic properties, toxicities, indications for use, drug development and testing. The course will emphasize general principles and specific, selected therapeutic classes of drugs.

Offered: Offered as Needed

#### **BMS 539 - Molecular Immunology (3.0)**

Prerequisite: BMS 528. Lab fee. This combined lecture and laboratory course discusses Ig gene assembly, rearrangements, regulation and expression; T-cell receptors; antigen processing; and advances in antibody engineering. The laboratory exercises cover techniques such as ELISA, immunoblot, hybridoma preparation and evaluation, immunoaffinity chromatography and phage display of antibody fragments.

Offered: Offered as Needed

#### **BMS 540 - Genome Analy Mapping (3.0)**

Prerequisite: BMS 534 or permission of the instructor. Lab fee. A study of the techniques used in the cloning, analysis and mapping of genomic DNA. Topics include cloning with cosmid, P1 and YAC vectors, techniques used in linkage analysis and the direct detection of genomic polymorphisms, and strategies to prepare genetic and physical maps. The impact of the combined use of genetic and physical maps in biomedicine will be discussed.

Offered: First Semester ( Odd Years)

#### **BMS 541 - Gene Structure and Function (3.0)**

Prerequisite: BMS 534 or permission of the instructor. Lab fee. A study of advanced topics in recombinant DNA technology including high resolution mapping of RNA, nucleic acid-protein interactions, current methodologies for DNA sequence analysis and mutagenesis strategies. The

impact of these recombinant DNA techniques on developments in biomedicine will be discussed.

Offered: Second Semester ( Even Years)

#### **BMS 542 - Ethics In Science (3.0)**

The course considers the ethical dilemmas one could face in a career in science, including how information gained in the research lab is conveyed to the wider scientific audience. Topics included are the peer review process, the patent process, the Recombinant DNA Advisory Committee, the FDA's role in drug approval, the funding of research and the national research prioritization process.

Offered: Summer Semester

#### **BMS 543 - Advanced Immunology (3.0)**

Prerequisite: BMS 528 or permission of the instructor. A seminar course offering an in-depth investigation of a prescribed area of immunology. Past topics have dealt with AIDS/HIV, cancer and intracellular signaling, all emphasizing the role of the immune response. Emphasis is placed on the use of current literature to develop a thorough understanding of recent advances.

Offered: Second Semester

#### **BMS 544 - Good Lab Practices:Practical Approach (3.0)**

Prerequisite: Open to students with a declared concentration in Regulatory Compliance, or permission of the instructor. The course is designed to provide a practical knowledge and understanding of Good Laboratory Practice (GLP) regulations with examples useful to laboratory workers, study directors and management. The course will address the current interpretation of the code of

Offered: First Semester

#### **BMS 545 - Product Development (3.0)**

Prerequisites: Open to students with a declared concentration in Regulatory Compliance, or permission of the instructor. The course provides an overview of the regulatory process for new biologics, drug and device development. Emphasis is on a strategic development approach and good science standards to ensure safe and effective new therapies for prevention and treatment of disease.

Offered: First Semester

#### **BMS 546 - Good Manufacturing Practices (3.0)**

Prerequisites: Open to students with a declared concentration in Regulatory Compliance, or permission of the instructor. This course will provide an in-depth review of current good manufacturing practice regulations promulgated by the Food and Drug Administration (FDA) in their regulation of the drug and device industries. Recent FDA regulatory compliance experience regarding the application of the GMP regulations, including areas where industry has failed to correctly apply or interpret current GMPs will also be examined.

Offered: Second Semester

#### **BMS 547 - Dev of Pharmaceuticals Reg Environmen (3.0)**

Prerequisites: Open to students with a declared concentration in Regulatory Compliance, or permission of the instructor. This course examines the interaction of the scientific and regulatory environment required to assure the safety and efficacy of pharmaceutical products for human and veterinary use. The process for development of

pharmaceutical products is discussed relative to issues of ethics, environmental protection, validation, audits and business decisions.

Offered: Summer Semester

#### **BMS 548 - Good Clinical Practice (3.0)**

Prerequisites: Open to students with a declared concentration in Regulatory Compliance, or permission of the instructor. This course provides a detailed explanation of the guidelines that should be followed when generating clinical data that are intended to be submitted to the Food and Drug Administration in support of a product license. The principles of clinical trial conduct and design can be applied to any investigation involving human subjects.

Offered: Second Semester

#### **BMS 549 - Regulation of Medical Devices (3.0)**

Prerequisites: BMS 545 and BMS 547. This course offers an overview of the historical development as well as the current status of the laws, regulations and guidelines governing medical devices. Key aspects of gaining regulatory approval for all classes of medical devices using various submission processes including the 510(k) Premarket Notification, the Premarket Approval Application and the Product Development Protocol are examined.

Offered: Second Semester

#### **BMS 550 - Food and Drug Law (3.0)**

Prerequisites: BMS 545, BMS 548 and one of BMS 544, BMS 546 or BMS 547. This course examines the federal food, drug, biologic, cosmetic and medical device laws and their impact upon research, development, manufacturing and marketing of products. Other topics such as business policy, pharmacoeconomics and quality of life will also be discussed.

Offered: First Semester

#### **BMS 551 - Advanced Bioinformatics (3.0)**

Prerequisite: BMS 537 The course requires some background knowledge in bioinformatics. Topics include advanced BLAST searching, multiple sequence alignment, gene expression analysis, Proteomics and protein networks etc. The course is designed to provide practical training using web-based bioinformatics tools. Students will also be exposed to various bioinformatics software packages.

Offered: First Semester

#### **BMS 570 - Research Seminar (3.0)**

Prerequisite: Completion of 18 credits of coursework in the BMS program with a B average, or permission of the instructor. A comprehensive review of literature pertinent to the individual student's thesis will be presented orally and in written format. Thesis proposals will be discussed and critiqued, and data will be evaluated and interpreted by all students. In addition, the guidelines to writing the thesis and the preparation of the oral defense will be examined. This course is graded on a satisfactory/unsatisfactory basis.

Offered: First Semester

#### **BMS 571 - Biomedical Science Seminar (3.0)**

Prerequisite: Completion of 30 credits of coursework in the BMS program with a B average, or permission of the instructor. A review of current literature in selected areas of molecular and cellular biology, immunology and microbiology. In addition, students will choose a specific research problem to address in a grant proposal-like paper. The

scientific merit of the proposal will be defended before a faculty reading committee. This course is graded on a satisfactory/unsatisfactory basis.

Offered: First Semester

#### **BMS 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

#### **BMS 580 - Master's Thesis Preparation (6.0)**

Supervision of the master's thesis. Required of all degree candidates who select the thesis option.

Offered: Either Semester

#### **BMS 585 - Master's Field Work Project (3.0)**

Supervision of the master's field work project. Required of all degree candidates who select the field work project option.

Offered: Either Semester

#### **BMS 590 - Advanced Topics: Biomedical Techniques (3.0)**

Prerequisite: Permission of the instructor. May require a lab fee. A practical course in newer topics, methods and/or instrumentation used in biomedical research. The course is intended not only for graduate students but also for investigators who are interested in learning about topics outside of their own field that can be useful in their research. This can be a lab/lecture or lecture only class, dependent on the topic to be presented.

Offered: Either Semester

## **CHEM - CHEMISTRY**

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Students enrolling in chemistry courses must have earned a grade of "C-" or higher in each prerequisite course.

#### **CHEM 100 - The Chemical World (4.0)**

An introductory course designed to give the nonscience major an understanding of chemical phenomena and an appreciation of the role chemistry plays in everyday life. Course materials and laboratory activities emphasize real-world chemistry.

Core: Scientific Thought-Lab

Offered: Both Semesters

#### **CHEM 101 - General Chemistry I (4.0)**

Prerequisite: MATH 099 or Level 2L placement on the Basic Math Skills Inventory. Laboratory-driven study of atomic structure, periodicity, nuclear chemistry, bonding, states of matter, thermochemistry and reaction stoichiometry. Honors section open by invitation only. Credit by exam.

Core: Scientific Thought-Lab

Offered: First Semester

**CHEM 102 - General Chemistry II (4.0)**

*Prerequisite:* CHEM 101 and MATH 099 or Level 2L placement on the *Basic Math Skills Inventory*. Laboratory-driven study of solutions, acid-base and redox reactions and chemical equilibria. Honors section open by invitation only.

Core: Scientific Thought-Lab

Offered: Second Semester

**CHEM 105 - Molecular Basis of Nutrition (3.0)**

An introduction to biochemical concepts related to nutrition. Chemical properties and dietary sources of nutrients will be presented and impacts of dietary choices on health and society will be examined.

Core: Scientific Thought-Non-Lab

Offered: First Semester

**CHEM 209 - Organic Chemistry I (4.0)**

*Prerequisite:* CHEM 102. A detailed study of the structure and reactivity of several classes of carbon-based compounds (hydrocarbons, aromatics and alkyl halides). Laboratory experiments emphasize standard organic chemistry techniques and product analysis using modern instrumentation (NMR, IR, GC, GC/MS).

Offered: First Semester

**CHEM 210 - Organic Chemistry II (4.0)**

*Prerequisite:* CHEM 209. A continuation of Organic Chemistry I. A detailed study of the structure and reactivity of alcohols, amines and carbonyl compounds. Laboratory experiments include the collection and interpretation of proton NMR spectra and a multi-step synthesis group project.

Offered: Second Semester

**CHEM 215 - Quantitative Analysis (4.0)**

*Prerequisite:* CHEM 102. A study of principles, procedures and techniques of quantitative analysis. Laboratory work on classical and spectrophotometric methods.

Offered: First Semester

**CHEM 270 - Physical Science Literature (2.0)**

*Prerequisites:* CHEM 209. An introduction to the literature in the physical sciences. Database searches and journal article critiques will allow students to develop an understanding of the chemical, biochemical, and physics literature, which can then be applied in their future coursework.

Offered: Second Semester

**CHEM 301 - Biological Chemistry I (4.0)**

*Prerequisite:* CHEM 210. A study of proteins, lipids, carbohydrates and nucleic acids, with an emphasis on protein structure and function. Laboratory experience in current methods of analysis of biological molecules.

Offered: First Semester

**CHEM 324 - Instrumental Methods of Analysis (4.0)**

*Prerequisite:* CHEM 210 and CHEM 215. Advanced topics in chemical analysis with emphasis on the principles and practice of instrumental techniques.

Offered: Second Semester ( Even Years)

**CHEM 335 - Teaching Assistantship in Chemistry (1.0 - 2.0)**

*Prerequisite:* Invitation of the department. (May be repeated for a maximum of 6 credits.) An opportunity for qualified students to assist in CHEM 101, 102, 209 or 210 by tutoring students in these courses or by helping with the laboratory instruction. Assistants work under the supervision of the chemistry faculty and are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**CHEM 375 - Independent Study (1.0 - 3.0)**

*Prerequisites:* 8 credits of 200-level coursework in chemistry or permission of the department. Independent study, either reading or laboratory work, in a selected field of chemistry or biochemistry.

Offered: Either Semester

**CHEM 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**CHEM 399 - Internship in Chemistry (3.0 - 12.0)**

*Prerequisites:* 20 hours of chemistry, 8 hours of physics or biology, or permission of the department. Individualized study and training in a cooperating laboratory or office. Instruction and experience in the use of sophisticated laboratory equipment, participation in research or other work under the guidance of a senior scientist and the reading of related scientific literature is included. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**CHEM 401 - Environmental Chemistry (3.0)**

*Prerequisites:* CHEM 209 and CHEM 215 or permission of the instructor. Open to juniors and seniors who meet the qualifications for enrolling in double-numbered courses. Chemical aspects of atmospheric and hydrologic systems with a focus on air and water quality, sources of pollution, basic chemical analysis, corrective processes and hazardous materials management.

Offered: First Semester ( Odd Years)

**CHEM 402 - Biological Chemistry II (3.0)**

*Prerequisite:* CHEM 301 or permission of the instructor. A study of information transfer and genetic regulation, membranes, cell signaling and metabolic pathways.

Offered: Second Semester

**CHEM 403 - Biological Chemistry Lab Techniques (1.0)**

*Prerequisite:* Concurrent enrollment in CHEM 402 or permission of the instructor. Laboratory experiences involving molecular techniques for separating, characterizing, detecting and analyzing nucleic acids and proteins. Modern equipment and instruments are used.

Offered: Second Semester

**CHEM 405 - Inorganic Chemistry (3.0)**

*Prerequisite:* CHEM 210 and CHEM 215. Open to juniors and seniors who meet the qualifications for enrolling in double-numbered courses. A study of the principles of structure and bonding, chemical reactivity and periodic relationships of inorganic compounds.

Offered: Second Semester ( Odd Years)

#### **CHEM 410 - Advanced Organic Chemistry (3.0)**

Prerequisite: CHEM 210. Open to juniors and seniors who meet the qualifications for enrolling in double-numbered courses. Advanced topics in organic synthesis and structure determination. Topics vary with the general interest of the students and professor.

Offered: Second Semester ( Odd Years)

#### **CHEM 431 - Quantum Mechanics (3.0)**

Prerequisites: CHEM 210, CHEM 215, MATH 202 and PHYS 102 or PHYS 204 Introduction to quantum mechanics, atomic and molecular structure and spectroscopy.

Offered: First Semester

#### **CHEM 432 - Thermodynamics & Statistical Mechanics (3.0)**

Prerequisite: CHEM 431. A continuation of CHEM 431. A study of statistical mechanics, thermodynamics, and kinetics.

Offered: Second Semester

#### **CHEM 433 - Quantum Mechanics Lab (1.0)**

Prerequisite: Concurrent enrollment in CHEM 431 or permission of the instructor. Investigation of atomic and molecular structure and spectroscopy in a series of laboratory experiments and computer-based exercises.

Offered: First Semester

#### **CHEM 434 - Thermodynamics & Stat Mechanics Lab (1.0)**

Prerequisite: Concurrent enrollment in CHEM 432 or permission of the instructor. Principles of statistical mechanics, thermodynamics and kinetics are investigated in a series of experiments and computer-based simulations.

Offered: Second Semester

#### **CHEM 470 - Senior Seminar (1.0)**

Prerequisites: CHEM 270, 12 credits of 200-level course work in chemistry or biochemistry. An advanced study in the physical sciences. The topic will vary according to instructor and student interest. Oral and poster presentations are required to demonstrate familiarity with the literature, integrated understanding of the topic under consideration, and proper scientific presentation style.

Offered: Second Semester

#### **CHEM 498 - Current Topics in Chemistry (1.0 - 3.0)**

Prerequisites: CHEM 209, CHEM 215 and permission of the instructor. (Either semester/1, 2, or 3 credits) An opportunity for a group of students to explore current topics in chemistry and biochemistry as suggested by their special interests, and those of the faculty, but not included in the regular course offerings.

Offered: Either Semester

#### **CHEM 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

#### **CHEM 501 - Environmental Chemistry (3.0)**

Chemical aspects of atmospheric and hydrologic systems with a focus on air and water quality, sources of pollution, basic chemical analysis, corrective processes, and hazardous materials management. Discussions may include resource management and environmental policy.

Offered: First Semester ( Odd Years)

#### **CHEM 505 - Inorganic Chemistry (3.0)**

A study of the principles of structure and bonding, chemical reactivity, and periodic relationships of inorganic compounds.

Offered: Second Semester ( Odd Years)

#### **CHEM 510 - Advanced Organic Chemistry (3.0)**

Advanced topics in organic synthesis and structure determination. Topics vary with the general interest of the students and professor.

Offered: Second Semester ( Odd Years)

#### **CHEM 575 - Independent Study (3.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

## **CJ - CRIMINAL JUSTICE**

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#### **CJ 230 - Introduction to Criminal Justice (3.0)**

This course provides an introduction, overview and survey of the American criminal justice system. Emphasis will be placed on the study of such issues as discretionary decision-making in the administration of justice, community policing, domestic violence intervention and institutional responses to law.

Offered: First Semester

#### **CJ 300 - Criminalistics (3.0)**

Prerequisite: CJ 230 and PSCI 308 An introductory, non-scientific survey course in criminalistics and the basics of forensic science. Focus will be on criminal investigations, the recognition, collection, preservation and analysis of physical evidence from the crime scene, to the crime lab, to the courtroom.

Offered: Second Semester

#### **CJ 399 - Internship in Criminal Justice (3.0 - 15.0)**

Prerequisites: 15 credits in the major, and permission of the supervising instructor and the director of the Law and Criminal Justice program. Participation and experience in law and society related settings through supervised full- or part-time work. Placements may be in a variety of settings such as: court systems, states attorneys' offices, prisons, law enforcement agencies, advocacy organizations or government offices. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **CJ 470 - Sr Seminar in Criminal Justice (3.0)**

Prerequisite: CJ 230 This course is the capstone experience for the criminal justice track in the Law and Criminal Justice major. It is a topics

course in which students will collectively explore a current trend or issue in criminal justice and then work individually on a research project of their choice.

Offered: Second Semester

## CL - CLASSICAL LITERATURE

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### CL 202 - Mythology (3.0)

Survey of western mythology through different ages, with emphasis on classical myths and their influence on European art, culture and literature. Introduction to pre-Columbian mythology and its influence on Latin American art, culture and literature.

Offered: Second Semester ( Odd Years)

### CL 275 - Directed Studies in Classical Lang (1.0 - 3.0)

Prerequisite: Two years of high school Latin or the equivalent; and permission of instructor. Students with previous study of Latin are invited to arrange Independent Study in Latin with a qualified member of the Hood faculty. At this level, independent study in Latin focuses on completing the study of Latin grammar and reading introductory texts. Independent study does not fulfill the College's foreign language requirement.

Offered: Offered as Needed

### CLEN 281 - Genre Studies: Greek & Roman Drama (4.0)

Prerequisite: ENGL 100 or ENGL 101, or 3 credits from ENGL 110-139. This course focuses on the tragedies and comedies produced in Athens and Rome beginning with the Oresteia of Aeschylus (early 5th century B.C.) and concluding with the tragedies of Seneca (late 1st century A.D.). Plays are selected to analyze the diachronic treatment of popular stories, such as those of Oedipus and Medea, and to highlight the various roles theatre played in Greco-Roman society (religious, social, economic, etc.). Students will be expected to write critically about ancient plays both as literary texts and in their original performance contexts. (G)

Core: Literature

Offered: ( As Needed)

### CL 302 - Classical Mythology (3.0)

Prerequisite: Fulfillment of Literature section of the Core. Study of major works of Greek and Roman literature, their use of history and myth and their influence in the Western world.

Offered: Second Semester ( Odd Years)

### CL 375 - Independent Study Classical Lit (1.0 - 3.0)

Prerequisite: Three semesters of college Latin or the equivalent; and permission of instructor. Students with a strong background in Latin are invited to arrange Independent Study in Latin literature with a qualified member of the Hood faculty. At this level, independent study will focus on the Latin writings of a particular author or time period or on a particular theme or genre in Latin literature. May be taken twice.

Offered: Either Semester

### CL 397 - Special Topics (3.0)

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

### CL 502 - Classical Mythology (3.0)

Study of major works of Greek and Roman literature, their use of history and myth, and their influence in the Western world.

Offered: Second Semester ( Odd Years)

## CMA - COMMUNICATION ARTS

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### CMA 200 - Mass Media and Society (3.0)

Development of newspapers, magazines, radio, film and television, with emphasis on the impact of mass communication on reader, viewer and listener.

Core: Social and Behavioral Analysis

Offered: Both Semesters

### CMA 201 - News Writing (3.0)

Prerequisite: ENGL 100, ENGL 101, or 3 credits from ENGL 110-139. May not be taken on an audit basis. Credit by exam. An introduction to writing for various publics using a variety of formats within the contexts of informing, persuading and entertaining. Applications will include print news media, broadcast news media and public relations

Offered: Both Semesters

### CMA 204 - Media History (3.0)

The history and development of mass communications in the United States, from colonial newspapers and pamphlets to recent innovations in satellite and fiber optics transmissions, with attention to the significance and effect of the media on American culture.

Core: Historical Analysis

Offered: First Semester

### CMA 207 - Principles of Speech Communication (3.0)

Prerequisite: ENGL 100, ENGL 101, or 3 credits from ENGL 110-139. An analysis and application of theories and techniques to communicate effectively with another person, and with small, large and massive groups in a variety of situations.

Offered: Both Semesters

### CMA 208 - Editing & Layout (3.0)

Prerequisite: CMA 201 or permission of the instructor. May not be taken on an audit basis. Credit by exam. Evaluation and preparation of copy, pictures and other graphic materials for publication; page layouts; newspaper makeup. Some attention to newsletters and house organs.

Offered: Both Semesters

### CMA 209 - Mass Media and Revolution (3.0)

Students will explore how the mass media foster, influence and are shaped by political and social revolutions from ancient times to the modern day. Students will consider how predominant press theories

explain the media's role in events that include the American Revolution, the fall of the Soviet Union and Middle East protests.

Core: Global Persp & Social Behav Analysis

Offered: First Semester

### **CAIT 221 - Applied Computer Graphics (3.0)**

Prerequisite: IT 180 or permission of the instructor. Computer-based graphics from an applied point of view. Creation and use of graphics including computer drawing, image editing and manipulation, bit-mapped and vector graphics; 3D graphics; animation. Students will get hands-on experience in using various kinds of graphics software.

Offered: First Semester

### **CMA 226 - Visual Media Production (3.0)**

Lab fee. Introduction to video production, including script writing, camera work, editing and sound in both field and studio situations. Includes survey of commercial and non-commercial video applications. Video screenings, written and visual projects required.

Offered: Both Semesters

### **CMA 242 - Persuasion (3.0)**

Prerequisites: Sophomore, junior or senior standing and CMA 207 or permission of the instructor. A study of the persuasive processes that change people's lives and the values of society. Special attention to application in the electronic media.

Offered: Offered as Needed

### **CMA 246 - Graphics (3.0)**

This course is planned to provide a working knowledge of basic skills required in the graphics field including layout, design and desktop publishing. Studio problems and lectures provide diversified experiences upon which future specialization can be developed. Extensive computer use. No computer experience necessary.

Offered: Both Semesters

### **CMA 260 - Feature Writing (3.0)**

Prerequisite: CMA 201 or permission of the instructor. May not be taken on an audit basis. Credit by exam. A study of the basic types of feature articles; emphasis on practice in research and writing.

Offered: Both Semesters

### **CMA 280 - Screen Craft (3.0)**

Prerequisite: ENGL 101 or equivalent. Students will acquire the tools to analyze the form and content of American contemporary and classic motion pictures through an examination of the film industry, the elements of cinematography and screen writing and the criteria for critical review.

Core: Art/Visual & Performing

Offered: Both Semesters

### **CMA 281 - Introduction to Screenwriting (3.0)**

Prerequisites: CMA 280 or ART 275 or permission of the instructor. Introduction to Screenwriting is designed to acquaint students with the process of writing fiction narrative film. The class will concentrate on story structure, scene construction, character development, and dialogue. (CW)

Offered: Second Semester

### **CMA 282 - History of American Film (3.0)**

Prerequisites: ENGL 100, ENGL 101 or 3 credits from ENGL 110-139. A survey of American narrative film from the great silents through the 3D blockbusters of today. Emphasis will be placed on every major period of American narrative film history through the 20th Century, in relation to the cultural and political history of the times in which they were made.

Core: Art/Visual & Performing

Offered: First Semester ( Even Years)

### **CMA 299 - Special Topics in Communication Art (1.0 - 3.0)**

An opportunity for groups of eight or more students to study topics suggested by their special interests and those of the staff and not included in the regular offerings. Topics will vary. Offered at the discretion of the Department of English.

Offered: Offered as Needed

### **CMA 302 - Visual Media Production II (3.0)**

Prerequisites: CMA 226 or permission of the instructor. Lab fee. Students will advance their video production skills and knowledge while creating digital video content. Work includes producing scripted and unscripted industry video packages. Included are advanced video production skills in the context of pre-production, production and post-production processes.

Offered: Both Semesters

### **CMA 303 - Advanced Reporting (3.0)**

Prerequisite: CMA 201 or permission of the instructor. Advanced exercises in the gathering and writing of news with emphasis on more complex forms of reporting and writing, including interpretive and investigative work. Off-campus reporting assignments will be encouraged.

Offered: Second Semester

### **CMA 304 - Online Journalism (3.0)**

Prerequisites: CMA 201, CMA 208 or CMA 246 and junior standing. This course will cover the principles and practices of online journalism, including writing and editing for online media; blogging and other forms of user-generated content; gathering and editing images, audio and video for online use; and legal and ethical issues facing online journalists.

Offered: Both Semesters

### **CMA 305 - Communications Law (3.0)**

Prerequisite: CMA 201 or CMA 310 or permission of the instructor. A survey of the evolution of the laws of mass communications, with particular emphasis on the First Amendment, applications of the laws of libel and privacy, the federal Freedom of Information Act and sunshine and shield statutes.

Offered: Second Semester

### **CMA 306 - Business Writing in the Digital Age (3.0)**

Prerequisite: ENGL 100, ENGL 101, or 3 credits from ENGL 110-139. Sophomore standing. May not be taken on an audit basis. This course focuses on forms of writing required in today's ever-evolving digital world, including e-mail, blogging, writing for the web and social media, as well as letters, memos and reports. Students will also write their own bio-sketches, resumes and letters of recommendation.

Offered: Both Semesters

**CMA 307 - Reel Journalism (3.0)**

Prerequisites: CMA 280 or permission of the instructor. An exploration and analysis of reporters, editors, photojournalists, and broadcasters as depicted in feature narrative films made in the U.S. from the 1930s to the present, with attention to their social and political contexts.

Offered: First Semester ( Odd Years)

**CMA 310 - Public Relations (3.0)**

Prerequisite: CMA 201 or CMA 306 or permission of the instructor. The history, theory and practice of public relations in corporate, institutional and government settings.

Offered: First Semester

**CMA 312 - Introduction to Communication Research (3.0)**

Prerequisites: Completion of the Quantitative Literacy area of the Core. Completion of one or more of the following is recommended, but not required: CMA 200, CMA 310, MGMT 301, or MGMT 306. This course will examine the basic components of communication research including logic, theories, and ethics. Topics covered include the different approaches to communication research, the essential elements of both qualitative and quantitative research, analysis and interpretation of data, and resources available.

Offered: First Semester

**CMA 313 - Writing for Public Relations (3.0)**

Prerequisites: CMA 310. This course will prepare students to become effective and persuasive public relations communicators. They will learn how to decisively communicate complex information in simple and clear prose appropriate for the intended audience. As a final project, students will assemble a comprehensive writing portfolio of all assignments.

Offered: Second Semester

**CMA 320 - Broadcast Writing and Reporting (3.0)**

Prerequisite: CMA 201. This course is designed to teach students the techniques of writing, reporting and editing for the broadcast media. Topics to be covered include interviewing for broadcast, selecting and matching video and soundbites and the use and potential misuse of video and sound.

Offered: Second Semester

**ARCA 322 - Photojournalism (3.0)**

Prerequisites: CMA 201 or ARTS 211 or permission of the instructor. Lab fee. This course will introduce students to the communication field of photojournalism. Photojournalism is a very powerful tool in documenting the world around us. From community events, conflicts around the world, the political arena, high school through professional sports and the environment, photojournalists are empowered to show to their audience events that affect their daily lives.

Offered: Second Semester ( Odd Years)

**CAMG 330 - Social Media (3.0)**

Prerequisites: MGMT 205 and either CMA 201 or CMA 310 Drawing from information systems, social science, and communications, students will explore social media trends and applications. Connections will be made to organizational objectives and strategies, including design, implementation, and assessment. Topics covered include the origins of social media, impact on news dissemination, communication styles, campaigns, crowdsourcing, conflict resolution, and impact on society.

Offered: Second Semester

**CMA 335 - Teaching Assistantship (1.0 - 2.0)**

Prerequisite: Permission of the instructor. (May be repeated for a maximum of 4 credits) Interested students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**CMA 336 - Graphic Design II (3.0)**

Prerequisite, CMA 246 or permission of the instructor. CAIT 221 does not fulfill this prerequisite. Lab fee. This course expands on the fundamentals of design introduced in CMA 246. In addition to learning about typography, color and composition, students will be expected to use critical thinking skills to solve fundamental design problems. Students will complete more complex projects and will be expected to demonstrate their skills at a higher level.

Offered: First Semester

**CMA 337 - Graphic Design III (3.0)**

Prerequisites: CMA 336 or permission of the instructor. Lab fee. This course will focus on creating finished professional-quality work. Students will complete a portfolio of advanced projects, including one with real clients. Emphasis will be on showcasing a unique style and demonstrating conceptual abilities. Students will research, write, edit and create their own imagery for the final project.

Offered: Second Semester

**CMA 350 - T.V. in America (3.0)**

Prerequisites: Junior or senior standing and completion of the Social and Behavioral Analysis area of the Core. An examination of the cultural, political and sociological effects of television on America. The course will offer a brief history of the development of television, and then examine such issues as television and violence; television and children; television and politics; and television and society.

Offered: First Semester

**CMA 370 - Practicum (2.0)**

Prerequisites: 6 credits (exclusive of CMA 200 and 207) in communications courses, and permission of the director. May be repeated. Opportunity for on-the-job training and experience in an institutional situation emphasizing communications skills. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**CMA 375 - Independent Study (1.0 - 3.0)**

Prerequisites: 12 credits in communication arts at the 200-level or above and permission of the instructor and the director. May be repeated once. An opportunity for students to explore topics in communications not covered by coursework or to conduct projects involving communications skills

Offered: Either Semester

**CMA 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**CMA 399 - Internship in Communications (3.0 - 15.0)**

Prerequisites: Open to majors and other qualified students who have completed with distinction most or all of the Communication Arts requirements. Permission of the department required. Practical experience in the application of communication concepts and the utilization of communication skills in settings such as business, industry and the mass media. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**CAMG 399 - Internship in Integrated Marketing Comm (3.0)**

Prerequisites: Open to declared IMC majors; permission of co-directors required. Practical experience in which students apply integrated marketing and communication concepts and skills in an appropriate business setting. Grading is on a satisfactory/unsatisfactory basis. Permission of IMC co-directors required. May be repeated once. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**CMA 402 - Visual Media Production III (3.0)**

Prerequisites: CMA 302 and CMA 320. Students will further refine their video production skills and knowledge while creating near-professional-quality digital video content. Students will work in teams to produce and distribute media projects to the College community while building personal portfolios of work.

Offered: First Semester

**CMA 411 - Public Relations Campaigns (3.0)**

Prerequisites: CMA 310, CMA 312 and CMA 313. This is an advanced course in public relations. The focus of this course is on the process of public relations and includes all key elements of the process: research, planning, implementation, evaluation. Learning will be achieved through application of the process to a real organization's legitimate problem/opportunity.

Offered: Second Semester

**CMA 470 - Seminar in Media Issues (3.0)**

Prerequisite: Open to Communication Arts and Integrated Marketing Communication majors with junior or senior standing or by permission of the instructor. An examination and critical analysis of major, continuing issues in communications and the mass media through classroom discussions, readings and independent research.

Offered: Both Semesters

**CAMG 499 - Departmental Honors (3.0)****CMA 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**CMA 550 - T.V. in America (3.0)**

An examination of the cultural, political and sociological effects of television on twentieth century America. The course will offer a brief history of the development of television, and then examine such issues as

television and violence; television and children; television and politics; and, television and society.

Offered: First Semester

## CPSC - COMPUTATIONAL SCIENCE

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**CPSC 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**CPSC 475 - Senior Project in Computational Science (3.0)**

Prerequisite: Open to senior Computational Science majors with a 2.00 gpa Working with an advisor from mathematics or computer science and an advisor from the student's major concentration, the student will use computational knowledge and skills to investigate a problem in another science.

Offered: Both Semesters

## CS - COMPUTER SCIENCE

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Students enrolling in computer science and information technology courses must have earned a grade of "C-" or higher in each prerequisite course with a CS prefix.

**CS 201 - Computer Science I (4.0)**

Prerequisites: Level III placement on the Basic Math Skills inventory or MATH 120 (may be taken concurrently). General programming techniques for students who have had some previous experience with computer programming. Topics include: algorithmic problem solving, top-down design, object-oriented programming and design, and an introduction to abstract data types. Instruction in a high-level programming language.

Offered: Both Semesters

**CS 202 - Computer Science II (4.0)**

Prerequisites: CS 201 and MATH 207 (or concurrent enrollment) or permission of the instructor. An introduction to the structuring and manipulation of information with implementation in the high-level programming language Java. Topics include: linked lists, sets, stacks, queues and trees; basic manipulation techniques including sort/merge and search algorithms; an introduction to algorithm efficiency analysis.

Offered: Both Semesters

**CS 219 - Advanced Data Structures (3.0)**

Prerequisite: CS 202 and MATH 207 Intensive introduction to object-oriented programming and advanced data structures. Topics include heaps, priority queues, hash tables, B+, B\* trees and graphs. Emphasizing advantages and disadvantages of design and implementation choices, and

the way these choices affect software quality. Instruction will be in the C++ programming language.

Offered: Both Semesters

### **CS 226 - Computer Organization and Design (3.0)**

Prerequisites: CS 201 and MATH 207 or permission of the instructor. A comprehensive introduction to the general organization, architecture and functional characteristics of computer systems. Topics include machine level representation of data, assembly level machine organization, memory systems organization and architecture, alternative architectures and device interfaces.

Offered: Both Semesters

### **CS 299 - Special Topics in Computer Science (1.0 - 3.0)**

This course is a general topics course in computer science allowing faculty and students to study particular special interests.

Offered: Offered as Needed

### **CSIT 302 - Impact of Computers on Society (3.0)**

Prerequisites: Completion of the Social and Behavioral Analysis section or Historical Analysis section or Philosophical Inquiry section of the Core or permission of the instructor. Computer technology is a driving factor in globalization. This course studies the past, present and future impact of computer and communications technology on society, education, government and the workplace around the world. Topics covered cross national, cultural, and continental boundaries.

Core: Global Perspectives

Offered: Both Semesters

### **CS 319 - Algorithm Analysis (3.0)**

Prerequisites: CS 219, MATH 201 and MATH 207 (grade of C- or higher) or permission of the instructor. Introduction to the analysis and design of algorithms. Topics include: sorting, searching, advanced tree structures, graph algorithms, network flow problems, amortized analysis, divide-and-conquer, greedy algorithms, dynamic programming, combinatorial search algorithms, computational geometry and NP-completeness.

Offered: Second Semester

### **CS 324 - Princ Software Engineering (3.0)**

Prerequisite: CS 202 or permission of the instructor. This course will examine and discuss the life cycle of computer software. The major issues addressed are: analysis of the project, requirements specification, design, coding, testing and reliability and maintenance.

Offered: First Semester

### **CS 329 - Intro to Database Management Systems (3.0)**

Prerequisite: CS 202 permission of the instructor. Design and implementation of databases from a real world applications point of view. The course includes database concepts such as basic architectural issues, the relational model, query processing, logical database design and normalization theory and data protection issues.

Offered: Second Semester

### **CS 335 - Teaching Assistantship in CSCI (1.0 - 2.0)**

Prerequisite: Permission of the department. An opportunity for students to serve as teaching assistants in the computer science program. Under faculty supervision, assistants will work with students in laboratory and

help sessions for introductory courses. May be repeated for a maximum of 4 credits. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

### **CS 375 - Independent Study (1.0 - 3.0)**

Prerequisite: Permission of the instructor. The study of selected topics in computer science, accomplished through readings, problem assignments and projects.

Offered: Either Semester

### **CS 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

### **CS 398 - Computer Science Tutorial (1.0)**

Prerequisite: Permission of instructor. An opportunity to work with a faculty member and a small group of students in a semester-long program of directed study.

Offered: Offered as Needed

### **CS 399 - Internship in Computer Science (3.0 - 15.0)**

Prerequisites: 21 credits of computer science courses at the 200-level or above and permission of the department. Supervised work in computer-related projects in a governmental, private-industrial or educational setting. In order to enroll in this course, a student must meet College internship requirements. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

### **CS 428 - Artificial Intelligence (3.0)**

Prerequisite: Junior standing and CS 219 or permission of the instructor. History, fundamental principles, and future directions of A.I. Topics include state-space searching, knowledge representation, logic and deduction, natural language processing, neural networks, learning, vision, robotics, and cognitive science. Topics will be treated at a level of depth and detail appropriate for a first course in AI.

Offered: First Semester

### **CS 443 - Machine Learning (3.0)**

Prerequisites: Junior standing and CS 428 or permission of the instructor Introduction to the field of modeling learning with computers. Topics included are explorations of inductive learning, learning decision trees, ensemble learning, computational learning theory, and statistical learning methods.

Offered: Second Semester ( Even Years)

### **CS 445 - Robotics & Intelligence Systems (3.0)**

Prerequisites: Junior standing and CS 428 or permission of the instructor Comprehensive examination of the theory and practice behind robot-building and the deployment of intelligent systems. Topics are divided between robot architectures (control paradigms, kinematics, sensors, actuators and navigation) and cognitive robotics (learning, decision-making, coordination and cooperation).

Offered: Second Semester ( Odd Years)

**CS 450 - Digital Logic and Switching (3.0)**

Prerequisite: CS 326 or permission of the instructor. Introduction to combinational and sequential circuit design. Topics include arithmetic circuits, decoders, flip-flops, counters, registers, memory systems and analog-to-digital conversion. Students will use integrated circuits to construct the circuits designed.

Offered: Offered as Needed

**CS 453 - Data Communication & Network Security (3.0)**

Prerequisites: CS 202 and CS 226 or permission of the instructor. Foundations of networking technology and security. Signaling, signal propagation, data and bit encoding, packetization, wiring, physical and logical topologies, network architectures, protocols and layered models, network security will focus on the origin, axis and impacts of network related threats and their detection, correction and prevention.

Offered: First Semester

**CS 461 - Computer Architecture (3.0)**

Prerequisites: CS 226 and CS 219 or permission of the instructor. An in-depth study of architectural concepts and principles including performance-based design tradeoffs. Topics to be covered include: instruction set design, arithmetic algorithms, hardwired and microprogrammed control, memory hierarchy design, input/output, pipelines, RISC, CISC, vector processors, parallel processors and superscalar machines.

Offered: First Semester ( Odd Years)

**CS 464 - Operating Systems (3.0)**

Prerequisites: CS 226 and CS 219 or permission of the instructor. Fundamental principles of operating systems. Topics include: process management; concurrency; deadlock; CPU scheduling; memory management; disk management; files systems; security; and distributed, real-time and multiprocessor operating systems.

Offered: Second Semester

**CS 466 - Parallel Computing (3.0)**

Prerequisites: Junior standing and CS 219 or permission of the instructor. A comprehensive introduction to both the principles and the practice of parallel computing. Topics to be covered include: programming and architectural models, parallel algorithms and parallelizing compilers.

Offered: Offered as Needed

**CS 471 - Programmng Languages (3.0)**

Prerequisites: CS 226 and CS 219. A survey of the major programming paradigms and their related languages, including procedural, functional, logic and object-oriented programming. Topics include: binding, exception handling, data sharing, scope, parameter passing, type checking, runtime storage management, lexical analysis, syntactic analysis, parsing, code generation and optimization.

Offered: First Semester

**CS 474 - Capstone Proseminar (3.0)**

Prerequisites: CS 329 and senior standing, or permission of the instructor. Course focuses on cultivating proficiency in technical communication, using appropriate research methods, enhancing the ability to identify computational problems, properly state research questions, critically assess scientific literature, present data and results,

work in teams and improve technical writing and time management skills.

Offered: First Semester

**CS 475 - Senior Project (3.0)**

Prerequisites: CS 324, CS 474 and senior standing, or permission of the instructor. Students majoring in computer science complete a capstone project, serving as a culmination of their studies. The project entails the development of a significant piece of software or carrying out a research study by a student team, supervised by a designated faculty member within the department and evaluated by a faculty committee.

Offered: Second Semester

**CSIT 483 - World Wide Web Programming (3.0)**

Prerequisites: CS 202 or permission of instructor. Examination of issues and techniques in back-end programming for WWW applications. HyperText Transfer Protocol, Common Gateway Interface (CGI); Multipurpose Internet Mail Extensions (MIME); programming language options; scripting; file and database access; and security issues. Class sessions will emphasize interactive exploration and discussion.

Offered: Offered as Needed

**CS 498 - Special Topics (3.0)****CS 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**CS 503 - Algorithms & Programming I (3.0)**

Prerequisites: Either A minimum grade of "B-" in MATH 505 or concurrent enrollment in MATH 505, or permission of the instructor. Previous experience with a high-level programming language is recommended. Basic program development techniques including input, output, assignment, control structures, data types and subprograms. All phases of the course will focus on problem-solving strategies, modular design and de-bugging techniques. Students will also learn a specific high-level programming language.

Offered: Both Semesters

**CS 504 - Algorithms & Programming II (3.0)**

Prerequisites: A minimum grade of B- in both CS 503 and MATH 505, or permission of the instructor. A study of abstract data types and data structures such as stacks, queues, linked lists, trees, graphs and their implementations. Topics also include algorithms for hashing, sorting, searching and analysis of algorithm efficiency. Students will be required to use a high-level programming language at an advanced level in programming assignments.

Offered: Both Semesters

**CS 508 - Computer Organization and Design (3.0)**

Prerequisites: A minimum grade of B- in both MATH 505 and CS 503, or permission of the instructor. A comprehensive introduction to the general organization, architecture, and functional characteristics of computer systems. Topics include machine level representation of data,

assembly level machine organization, memory system organization and architecture, alternative architectures and device interfaces.

Offered: Both Semesters

### **CS 519 - Advanced Data Structures (3.0)**

Prerequisite: A minimum grade of "B-" in CS 504. Intensive introduction to object-oriented programming and advanced data structures. Topics include heaps, priority queues, hash tables, B+, B\* trees and graphs. Emphasizing advantages and disadvantages of design and implementation choices, and the way these choices affect software quality. Instruction will be in the C++ programming language.

Offered: Both Semesters

### **CS 520 - Algorithm Analysis (3.0)**

Prerequisites: MATH 505, Calculus and CS 519 Introduction to the analysis and design of algorithms. Topics include: sorting, searching, advanced tree structures, graph algorithms, network flow problems, amortized analysis, divide-and-conquer, greedy algorithms, dynamic programming, combinatorial search algorithms, computational geometry and NP-completeness.

Offered: Second Semester

### **CS 524 - Prin Software Engrng (3.0)**

Prerequisite: A minimum of "B-" in CS 504, or permission of the instructor. Comprehensive examination of the theory and practice behind software development. Students design, develop, implement and release a significantly sized software product.

Offered: First Semester

### **CS 525 - Software Testing & Quality Assurance (3.0)**

Prerequisite: A minimum grade of "B-" in CS 524 or permission of the instructor. Comprehensive examination of the theory and practice behind software testing and quality assurance. Topics include: the software testing process, testing methods, test models, test design techniques, integration, regression, measurement, unit testing, slicing, debugging, inspection and software metrics.

Offered: Second Semester ( Odd Years)

### **CS 528 - Artificial Intelligence (3.0)**

Prerequisite: A minimum grade of "B-" in CS 504, or permission of the instructor. History, fundamental principles, and future directions of A.I. Topics include state-space searching, knowledge representation, logic and deduction, natural language processing, neural networks, learning, vision, robotics, and cognitive science. Topics will be treated at a level of depth and detail appropriate for a first course in AI.

Offered: First Semester

### **CS 530 - Intro to Database Management Systems (3.0)**

Prerequisite: A minimum grade of B- in CS 504, or permission of the instructor. Not open to students who have completed IT 530. Design and implementation of databases from a real world applications point of view. The course includes database concepts such as basic architectural issues, the relational model, query processing, logical database design and normalization theory and data protection issues.

Offered: Second Semester

### **CSIT 532 - Computer Forensics (3.0)**

Prerequisites: IT 518 or CS 524 or permission of the instructor. Theory and practice behind the analysis of computing and networking equipment to determine if systems and networks have been used for illegal, unauthorized or unusual activities.

Offered: Both Semesters

### **CSIT 534 - Network and Internet Security (3.0)**

Prerequisites: CSIT 555 or permission of the instructor. Examination of the pervasive security threats related to the Internet, data communications and networking. Real-time or near real-time capture of information and the systematic tracking of transmissions. Topics include network-borne threats, detection, prevention and analysis; authentication; malicious software and firewalls.

Offered: First Semester

### **CS 536 - Web Services (3.0)**

Prerequisites: A minimum grade of "B-" in CS 519 and knowledge of HTML. Creation and use of Web Services. Topics include: creating and consuming Web services, a study of the four pillars of Web Services (i.e. XML, SOAP, UDDI and WSDL); security; maintaining application and session state, alternative middleware technologies and business/management considerations when implementing Web Services.

Offered: Offered as Needed

### **CSIT 537 - Applied Encryption and Cryptology (3.0)**

Prerequisites: A minimum grade of B- in CSIT 555 or permission of the instructor. Introduction to cryptology, the science of making and breaking secret codes. Topics include encryption, cryptanalysis, public and secret key encryption, block ciphers and digital signatures. Classic and modern cryptography and encryption concepts will be introduced as tools and safeguards to be applied, implemented and evaluated in real-world scenarios.

Offered: Second Semester ( Odd Years)

### **CSIT 540 - Human Computer Interaction (3.0)**

Prerequisite: CS 504 (MS in CS students) or IT 514 (MS in CIS students) or permission of the instructor. The role of human factors and psychology in usability; interaction and interface design issues; command languages, menus, error messages and response time physical interaction, I/O devices and interaction style and techniques; the design process and user models; interface evaluation; integration of user interfaces with software engineering.

Offered: Offered as Needed

### **CS 542 - Perception in Artificial Intelligence (3.0)**

Prerequisites: CS 504 and CS 528. This course deals with the simulation of human perception. Specific topics investigated include methods for pattern recognition and employing neural networks in perceptual tasks.

Offered: First Semester ( Even Years)

### **CS 543 - Machine Learning (3.0)**

Prerequisites: CS 528 Introduction to the field of modeling learning with computers. Topics included are explorations of inductive learning, learning decision trees, ensemble learning, computational learning theory, and statistical learning methods.

Offered: Second Semester ( Even Years)

**CS 544 - Knowledge Representation & Reasoning (3.0)**

Prerequisites: CS 504 and CS 528. This course provides a comprehensive examination of current approaches to knowledge representation. Topics covered will include first order logic, ontological engineering, reasoning systems and dealing with uncertainty.

Offered: First Semester ( Odd Years)

**CS 545 - Robotics & Intelligence Systems (3.0)**

Prerequisites: A minimum grade of B- in CS 528, or permission of the instructor. Comprehensive examination of the theory and practice behind robot-building and the deployment of intelligent systems. Topics are divided between robot architectures (control paradigms, kinematics, sensors, actuators and navigation) and cognitive robotics (learning, decision-making, coordination and cooperation).

Offered: Second Semester ( Odd Years)

**CS 550 - Digital Logic and Switching Theory (3.0)**

Prerequisite: A minimum grade of B- in MATH 505, or permission of the instructor. Introduction to combinational and sequential circuit design. Topics include arithmetic circuits, decoders, flip-flops, counters, registers, memory systems and analog-to-digital conversion. Students will use integrated circuits to construct the circuits designed.

Offered: Offered as Needed

**CS 553 - Data Communications & Network Security (3.0)**

Prerequisites: A minimum grade of B- in both CS 504 and CS 508, or permission of the instructor. Foundations of networking technology and security. Signaling, signal propagation, data and bit encoding, packetization, wiring, physical and logical topologies, network architectures, protocols and layered models, network security will focus on the origin, axis and impacts of network related threats and their detection, correction and prevention.

Offered: First Semester

**CSIT 555 - Info Systems Security (3.0)**

Prerequisites: CS 530 or IT 530 and either IT 548 or CS 553, or permission of the instructor. Technical, operational and managerial issues of computer systems. Threats to computer security including schemes for breaking security, and techniques for detecting and preventing security violations. Emphasis will be on instituting safeguards, examining types of security systems and applying the appropriate level of security for perceived risks.

Offered: Second Semester

**CS 557 - UNIX System Programming (3.0)**

Prerequisite: A minimum grade of "B-" in CS 519, or permission of the instructor. This course will focus on the UNIX operating system and system level programming in the UNIX environment. Course includes an in-depth study of UNIX file handling, process structure, process control, process scheduling, memory management and interprocess communication.

Offered: Offered as Needed

**CS 561 - Computer Architecture (3.0)**

Prerequisites: A minimum grade of B- in both CS 508 and CS 519, or permission of the instructor. An in-depth study of architectural concepts and principles including performance-based design tradeoffs. Topics to be covered include: instruction set design, arithmetic

algorithms, hardwired and microprogrammed control, memory hierarchy design, input/output, pipelines, RISC, CISC, vector processors, parallel processors and superscalar machines.

Offered: First Semester ( Odd Years)

**CS 564 - Operating Systems (3.0)**

Prerequisites: A minimum grade of B- in both CS 508 and CS 519, or permission of the instructor. (Second semester/3 credits) A comprehensive introduction to the fundamental principles of operating systems illustrated by examples from contemporary systems. This course emphasizes the design tradeoffs involved in operating system design. Topics include: process management; concurrency; deadlock; cpu scheduling; memory management; disk management; files systems; security; and distributed, real-time and multiprocessor operating systems.

Offered: Second Semester

**CS 565 - Database System Concepts (3.0)**

Prerequisites: CS 519, CS 530 and CS 564, or permission of the instructor. This course covers a range of database system concepts such as transaction processing, serializability, locking and timestamping protocols, logging techniques, implementation of backup and recovery, indexing, query processing and optimization, and various additional implementation techniques. These concepts are illustrated by examining the implementation and application of object-oriented, parallel and distributed database systems.

Offered: Offered as Needed

**CS 566 - Parallel Computing (3.0)**

Prerequisites: A minimum grade of B- in CS 519 or permission of the instructor. A comprehensive introduction to both the principles and the practice of parallel computing. Topics to be covered include: programming and architectural models, parallel algorithms and parallelizing compilers.

Offered: Offered as Needed

**CS 571 - Programming Languages (3.0)**

Prerequisites: A minimum grade of "B-" in both CS 508 and CS 519, or permission of the instructor. Survey of major programming paradigms and their related languages, including procedural, functional, logic and object-oriented programming. Topics include: binding, exception handling, data sharing, scope, parameter passing, type checking, runtime storage management, lexical analysis, syntactic analysis, parsing, code generation and optimization.

Offered: First Semester

**CS 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**CSIT 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**CS 580 - Master's Thesis Preparation (6.0)**

Supervision of the master's thesis. Required of all degree candidates who select the thesis option.

Offered: Either Semester

**CSIT 583 - World Wide Web Programming (3.0)**

Prerequisites: IT 581 and CS 504, or permission of instructor.

Examination of issues and techniques in back-end programming for WWW applications. HyperText Transfer Protocol, Common Gateway Interface (CGI); Multipurpose Internet Mail Extensions (MIME); programming language options; scripting; file and database access; and security issues. Class sessions will emphasize interactive exploration and discussion.

Offered: ( As Needed)

**CS 585 - Master's Field Work Project (6.0)**

Supervision of the master's field work project. Required of all degree candidates who select the field work project option.

Offered: Either Semester

**CS 595 - Software Engineering Project (6.0)**

Prerequisites: CS 524 and 18 credits of CS coursework beyond foundation level, and permission of department. Design, creation and documentation of an applications program. Required of all degree candidates who have requested and been accepted for the software engineering project option.

Offered: Either Semester

## EAP - ENGLISH FOR ACADEMIC PURPOSES

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**EAP 500 - Advanced English for Academic Purposes (3.0)**

Prerequisite: By placement only. This course is designed to help graduate students whose native language is not English develop and extend their speaking, reading, writing and listening skills for academic success. Credit does not count towards degree.

Offered: Both Semesters

## ECON - ECONOMICS

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**ECON 205 - Princ of Macroeconomics (3.0)**

Credit by exam. The theoretical principles of the economy as a whole; includes national income determination, inflation, unemployment, fiscal policy, monetary policy, and open-economy macroeconomics.

Core: Social and Behavioral Analysis

Offered: Both Semesters

**ECON 206 - Princ of Microeconomics (3.0)**

Prerequisite: ECON 205. Credit by exam. This course examines the theoretical principles that underlie the behavior of individuals, households, business enterprises and governments in the day-to-day

functioning of domestic and international markets. It focuses on competitive and noncompetitive market outcomes and market failures. Issues relating to international trade, environment, and global economy are also addressed.

Offered: Both Semesters

**ECMG 212 - Statistics for Economics & Management (3.0)**

Prerequisites: MATH 099 or Level II placement on Basic Math skills inventory or permission of the instructor. Not open to students who have received credit for MATH 112, PSY 211 or SOC 261. This course will introduce descriptive statistics, probability, discrete and continuous distributions, correlations, and linear regressions. Completing this course will give students the solid grounding in statistics necessary to successfully complete upper-level economics and management courses.

Core: Computation/Quantitative Literacy

Offered: Second Semester

**ECON 299 - Special Topics (3.0)**

This course is a general topics course in economics, allowing faculty and students to study particular topics of interest.

Offered: Offered as Needed

**ECON 302 - Latin American Economies (3.0)**

Prerequisite: ECON 205. Examines the various economic systems and levels of economics development in Latin America. Special focus on the role of colonial institutions on post-independence economies, integration into the global economy, and recent economic crises.

Offered: Second Semester ( Odd Years)

**ECMG 303 - Principles of Finance & Investment (3.0)**

Prerequisites: MGMT 281, ECMG 212 or MATH 112, and ECON 205 or ECON 206. Introduction to the fundamental analytical tools and use of information sources in finance and investments. Study of time value of money, valuation of securities, risk, rates of return and cash flow analysis.

Offered: Both Semesters

**ECON 304 - International Political Economy (3.0)**

Prerequisites: GLBS 200, ECON 205, PSCI 215. Examines the role of governments and international institutions in the flow of goods, services, and factors of production across international borders.

Offered: First Semester ( Even Years)

**ECON 305 - Macroeconomic Analysis (3.0)**

Prerequisite: ECON 205 or permission of the instructor. The theory of Keynesian and classical income determination, interest rates, employment, consumption, investment, government expenditures and economic growth.

Offered: First Semester

**ECON 306 - Microeconomic Analysis (3.0)**

Prerequisite: ECON 206. The theory of the firm under various competitive conditions; determination of wages, interest, rent and profits. An introduction to welfare economics and general equilibrium theory.

Offered: Both Semesters

**ECON 309 - Monetary Policy & Financial Markets (3.0)**

Prerequisites: ECON 205 and ECON 206. ECON 305 strongly recommended. This course will offer students a good understanding of

financial markets with an emphasis on the banking sector and fixed income securities. This course will cover the various theories of monetary economics and how monetary policies of the Federal Reserve will influence the financial markets and the broader macroeconomy.

Offered: First Semester ( Even Years)

### **ECON 310 - Environmental Economics (3.0)**

Prerequisite: ECON 206 or permission of the instructor. This course examines the relationship between economic growth and the environment. The tools of economic analysis are used to examine the relationship between economic efficiency and sustainability. The course also evaluates public policies in developed and developing countries designed to promote more sustainable development.

Offered: First Semester

### **ECON 316 - Game Theory (3.0)**

Prerequisites: ECON 206 or permission of the instructor. This course introduces game theory fundamentals with special emphasis on strategic behavior of individuals, firms, and governments. Topics include strategic games and Nash equilibrium, games in coalitional form and the core, bargaining theory, measuring power in voting systems, problems of fair division, and optimal and stable matching.

Offered: First Semester ( As Needed)

### **ECON 317 - Economics of Development (3.0)**

Prerequisite: ECON 205 or ECON 206 or permission of the instructor. Theories of economic development and growth. Case studies of developed and less developed countries in Asia, Africa and Latin America.

Offered: First Semester ( Even Years)

### **ECON 318 - Comparative Market Economies (3.0)**

Prerequisites: ECON 205 and ECON 206. An examination of the capitalist economic system. The course compares the structure, institutions, performance and the role of the government in the economies of the United States, Japan, France, Germany, The European Union, the Asian Tigers and other emerging capitalist economies.

Offered: Second Semester ( Even Years)

### **ECON 319 - Transitional Economies (3.0)**

Prerequisites: ECON 205 and ECON 206. Examines the special problems the former socialist economies are experiencing as they transition to markets, individual incentives and private ownership. Russia, Eastern and Central Europe, China, Cuba and other former socialist republics will be studied.

Offered: Either Semester

### **ECON 320 - The Economics of Gender (3.0)**

Prerequisites: ECON 205 or ECON 206 or by permission of the instructor. This course analyzes the activities of women and men in the economy. While women are the core economic producers, their work remains outside the neoclassical definition of economic activity. This class examines women's and men's economic contributions as employed workers, care providers, subsistence producers, volunteer workers, and homemakers, emphasizing feminist economics.

Offered: First Semester ( As Needed)

### **ECON 324 - International Trade (3.0)**

Prerequisites: ECON 205, ECON 206 and ECON 306. Open to sophomores, juniors and seniors, or permission of the instructor. This course examines the microeconomic aspects of international economics. Economic theories are used to rigorously analyze issues in international trade, distribution of gains from trade, and trade policy tools and their uses. Topics of current interest, such as free trade and welfare, trade blocks, and various development policies will also be studied.

Core: Global Perspectives

Offered: First Semester ( Even Years)

### **ECON 326 - Industrial Organization (3.0)**

Prerequisites: ECON 206; ECON 306 is recommended. The study of market structure, monopoly power, pricing, competition, game theory and regulation.

Offered: Either Semester

### **ECON 328 - Labor Economics (3.0)**

Prerequisites: ECON 205 and ECON 206 or permission of instructor. Theories of wage determination, unemployment and inflation, employment trends and labor in the global economy.

Offered: Second Semester ( Odd Years)

### **ECON 335 - Teaching Assistantship in Economics (1.0 - 2.0)**

Prerequisite: Permission of the economics faculty. Assist in the introductory and principles of economics courses. The teaching assistant holds tutorials for student questions, assists in computer assignments and quantitative projects. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

### **ECON 375 - Independent Study (1.0 - 3.0)**

Prerequisite: Permission of the chair of the department. Reading and/or research in a selected field of economics.

Offered: Either Semester

### **ECON 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

### **ECON 399 - Internship in Economics (3.0 - 15.0)**

Prerequisites: 15 credits in economics at the 200-level or above. A learning experience in a business or public environment where specific demands are made in terms of applying economic principles and analysis. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

### **ECON 410 - Public Economics (3.0)**

Prerequisite: ECON 306 and junior standing or permission of the instructor. This course applies the economic theory to public policy. Careful examination of government taxation, expenditure, and regulation at the local, state, and federal levels will be carried out with a view to how such policies may impact the public welfare.

Offered: First Semester ( As Needed)

**ECPS 414 - Environmental Policy (3.0)**

Prerequisites: PSCI 203, PSCI 210 or PSCI 215 and ECON 310 or permission of the instructor. This is a comparative course on the making and implementing of environmental policies in developed and developing countries. The focus is on the evolution of environmental policymaking and on the problems associated with implementing environmental policies in different political and institutional contexts.

Offered: Second Semester

**ECON 452 - History of Economic Thought (3.0)**

Prerequisite: ECON 305 and ECON 306 or permission of the instructor. The doctrines of the great economists: Mercantilist, physiocrat, classical and Keynesian schools of thought; the relation of economic thought to contemporary institutions.

Offered: Either Semester ( As Needed)

**ECON 460 - Intl Finance & Open Economy Macro (3.0)**

Prerequisites: ECON 205, ECON 206 and ECON 305. Open to sophomores, juniors and seniors, or permission of instructor. This course examines the macroeconomic aspects of international economics. Economic theories are developed to rigorously analyze the issues in balance of payments, exchange rate determination and global capital markets. Topics of current interest such as developing country debt, stabilization and economic reform will be studied.

Offered: Either Semester ( As Needed)

**ECON 470 - Seminar (3.0)**

Prerequisites: ECON 305 and 306 or permission of the instructor. Study of specific problems in economics through individual research, reports and group discussion.

Offered: Offered as Needed

**ECMG 478 - International Financial Management (3.0)**

Prerequisites: ECON 206, ECMG 303, ECON 306 and MGMT 314. Open to juniors and seniors, or by permission of the instructor. This course introduces students to international finance and institutions. Topics covered are exchange rate determination theories, international corporate finance, international portfolio diversification models, foreign exchange risk, hedging strategies, foreign exchange options, and derivatives market.

Offered: Second Semester

**ECON 480 - Econometrics (3.0)**

Prerequisites: ECON 205 and ECON 206, and ECMG 212 or MATH 112, and either ECON 305 or ECON 306. Open to sophomores, juniors and seniors, or permission of the instructor. An introduction to quantitative analysis of economic phenomena. The course emphasizes techniques of estimating economic relationships, testing economic theories and forecasting economic variables. Attention is given to real-world applications.

Offered: Either Semester

**ECMG 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**ECON 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**ECPS 514 - Environmental Policy (3.0)**

This is a comparative course on the making and implementing of environmental policies in developed and developing countries. The focus is on the evolution of environmental policy making and on the problems associated with implementing environmental policies in different political and institutional contexts.

Offered: Second Semester

**ECON 551 - Foundations of Economics (3.0)**

Prerequisite: None. MGMT 552 and ECMG 556 or MATH 500 recommended. This course introduces students to micro- and macroeconomic analysis of the business environment. The micro portion focuses on the behavior of consumers and firms in the product and resource markets. The macro portion examines the domestic and international factors that influence the aggregate level of economic activity, and the role of monetary and fiscal policies.

Offered: First Semester

**ECMG 556 - Statistics for Management (3.0)**

Prerequisite: MGMT 552 or equivalent. This course will provide students with the ability to collect and analyze large quantities of data for the purpose of making informed decisions. It is a survey of major statistical tools and techniques used in business research including descriptive statistics, probability, sampling distributions, regression analysis, time series, and forecasting.

Offered: Second Semester

**ECON 560 - Managerial Economics (3.0)**

Prerequisites: MGMT 552, MATH 500 or ECMG 556 and ECON 551, or their equivalents. This course involves the application of microeconomic theory to the business enterprise and the managerial decision-making process. Topics include goals of a firm, decision criteria, analysis and estimation of demand, production and costs and pricing to achieve the firm's objectives under various market conditions.

Offered: Both Semesters

**ECON 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**ECMG 578 - International Financial Management (3.0)**

Prerequisite: MGMT 561. This course is designed to give a solid understanding of international finance and institutions. This is achieved through a thorough study of various exchange rate determination theories, international corporate finance and international portfolio

diversification models. To this end, exposure to foreign exchange risk and appropriate hedging strategies will be covered, along with the options and derivatives market.

Offered: Second Semester

## EDUC - EDUCATION

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A student earning a "C-" or lower in required education courses may not continue in the teacher education programs.

### EDUC 204 - Foundations of Educ in a Diverse Society (3.0)

Prerequisite: Not open to freshmen. A study of American education today as viewed from historical, philosophical and social perspectives. Emphasis is placed on what constitutes effective teaching and learning. A half day per week field experience in a PDS is required. This course is for students considering a major in education.

Offered: Both Semesters

### EDUC 223 - Child Development (3.0)

Prerequisite: PSY 101. Not open to freshmen. A study of human development from conception through adolescence. Emphasis is given to cognitive and personality/social theories of development. Includes observations in the Onica Prall Child Development Laboratory School.

Offered: Both Semesters

### EDUC 224 - Processes & Acquisition of Reading (3.0)

Prerequisite: EDUC 204. An examination of the reading acquisition process through observation and analysis of reading and written language development and the study of current issues in reading. Course includes observations in the Onica Prall Child Development Laboratory School.

Offered: Both Semesters

### EDUC 236 - Children & Youth with Exceptionalities (3.0)

Prerequisite: Not open to freshman. A survey of the characteristics and education of students with disabilities and other special needs. Historical perspectives, legislative issues and inclusion will be considered.

Offered: Both Semesters

### EDUC 299 - Special Topics (1.0 - 3.0)

This course is a general topics course in education, allowing faculty and students to study particular topics of interest.

Offered: Offered as Needed

### EDUC 302 - Differentiating Instruction K-3 Classrm (3.0)

Prerequisites: Admission to Phase I. Focuses on differentiating instruction in primary classrooms (kindergarten-grade 3). This course gives students opportunities to apply their understandings to specific populations including English language learners, students with special needs and gifted/talented students.

Offered: Second Semester

### EDUC 308 - Psychological Foundations of Education (4.0)

Prerequisite: Completion of or concurrent enrollment in PSY 101. The psychology of school learning will be explored. There will be an overview of theories of teaching, learning, behavioral management and related

research. A half day per week field experience in a secondary Professional Development School (PDS) is required.

Offered: Second Semester

### EDUC 316 - Reading Instruction (3.0)

Prerequisites: Admission to Phase I. Designed to present a variety of research-based instructional techniques and strategies in crafting literacy lesson plans. A half day per week field experience in a Professional Development School is a course requirement.

Offered: Both Semesters

### EDUC 317 - Materials for Teaching Reading (3.0)

Prerequisite: Admission to Phase II. An examination of instructional programs and materials for teaching reading and literacy. Activities to involve families and members of the school and surrounding community to promote reading both inside and outside of school will be presented.

Offered: Both Semesters

### EDUC 320 - Science Curr,Methods,Matrls,Assessment (3.0)

Prerequisites: Admission to Phase I. An examination of modern science methods and materials using a constructivist-based instructional approach. Emphasis is on curricular innovations and Science-Technology-Engineering-Mathematics (STEM). A half day per week field experience in a Professional Development School is a course requirement.

Offered: Both Semesters

### EDUC 321 - Math Curr,Methods,Matrls,Assessment (4.0)

Prerequisite: Admission to Phase II. An examination of modern mathematics materials and methods through a constructivist-based instructional approach. Curricular topics include Science-Technology-Engineering-Mathematics (STEM), mathematics as problem solving, communication, reasoning and making connections with the learner's world.

Offered: Both Semesters

### EDUC 323 - Infants & Toddlers:Foundations/Methods (4.0)

Prerequisites: PSY 101 and EDUC 223 and passage of PRAXIS I or equivalent. Provides the basis for understanding typical and atypical patterns of development from conception through toddlerhood. Patterns of family dynamics and keys to building partnerships through effective communication and collaboration techniques will be explored. Includes a field experience in an infant/toddler setting.

Offered: Second Semester

### EDUC 324 - Theory & Practice in ECE (3.0)

Prerequisites: Admission to Phase I. Enrollment limited. A study of philosophies, theories and methods of teaching young children in a preK-3 settings. Students apply the theoretic concepts they are learning in the lecture section of this course during guided teaching in the Onica Prall Child Development Laboratory School and in a professional development school setting. Must be taken during Phase I.

Offered: Both Semesters

### EDUC 330 - Soc St Curr,Methods,Matrls,Assessment (3.0)

Prerequisites: Admission to Phase I. Current methods and materials in teaching social studies are presented. Emphasis is on the integration of social studies with language arts and other subject disciplines, including

the use of Science, Technology, Engineering, and Mathematics (STEM) with critical and creative thinking skills. A half day per week field experience in a Professional Development School is a course requirement.

Offered: Both Semesters

**EDUC 340 - Assessment for Reading Instruction (3.0)**

Prerequisite: Admission to Phase II. Instruction will focus on building knowledge of the types and purposes of assessment; how to administer, interpret and communicate assessment results.

Offered: Both Semesters

**EDUC 347 - Classroom Organization & Management (3.0)**

Prerequisite: Admission to Phase II. A study of classroom management techniques appropriate for the general and special education classroom. Topics include behavior modification, interaction techniques, problem solving and group management strategies

Offered: Both Semesters

**EDUC 353 - Special Education Methods:Elementary (3.0)**

Prerequisites: EDUC 204, EDUC 223, EDUC 224, EDUC 236 and passage of Praxis I or the equivalent. The course emphasizes the implementation of differentiated instruction, Universal Design for Learning, assistive technology and augmentative communication devices as methods of adapting the general education curriculum for elementary students with mild/moderate disabilities. A half day per week field experience is a requirement of this course.

Offered: Both Semesters

**EDUC 354 - Special Education Methods:Middle School (3.0)**

Prerequisites: EDUC 204, EDUC 223, EDUC 224, EDUC 236, EDUC 353 and passage of Praxis I or the equivalent. May be taken concurrently with EDUC 353. This course examines research-supported instructional methods, materials, and assessments for adapting the middle school curriculum across content areas for students with mild/moderate disabilities. The course emphasizes the development of the Individualized Education Program. A half day per week field experience is a requirement of this course.

Offered: Both Semesters

**EDUC 360 - Intro to the Teaching Seminar/Internship (3.0)**

Prerequisite: Admission to Phase II. A seminar taken during the first semester of the yearlong teaching internship and includes a two and one-half day internship in a Professional Development School. Interns demonstrate skill in the development, planning and implementation of effective lessons.

Offered: Both Semesters

**EDUC 370 - Practicum in Reading (3.0)**

Prerequisite: EDUC 316. Open to juniors and seniors. Supervised work involving continuous diagnosis of disabled readers and the planning and implementation of appropriate corrective/remedial instructional programs. Each student will be placed with one graduate clinician and will work as an apprentice with that clinician assisting in planning, diagnosis, instruction and supervision for a group of students.

Offered: Summer Semester

**EDUC 373 - Assessment Diagnosis & Rx in SpEd (3.0)**

Prerequisites: Admission to Phase I. A study of theoretical and practical aspects of educational evaluation of children and youth with mild/moderate disabilities in grades 1-8. Topics include standard and informal procedures for assessing psycholinguistic processes, oral or written language and academic achievement. A half day per week field experience in a Professional Development School is a course requirement.

Offered: Both Semesters

**EDUC 375 - Independent Study (1.0 - 3.0)**

Prerequisite: 6 credits in education. Open to juniors and seniors. A professional investigation or project evolving from individual interests in education. The project proposal must have the approval of the instructor. Weekly conferences with the instructor.

Offered: Either Semester

**EDUC 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**EDUC 399 - Internship in Education (3.0 - 6.0)**

Prerequisite: 9 credits in education. Supervised part-time work in educational settings approved by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**EDUC 400 - Phase II Seminar on Classroom Mgmt (1.0)**

Prerequisite: EDUC 445. Open only to students enrolled in Phase II of the secondary teacher certification program. Examination and application of basic elements of classroom management at the secondary level through observation of experienced teachers and systematic reflection on experiences using InTASC Standards.

Offered: First Semester

**EDUC 401 - Phase III Seminar on Becoming a Teacher (4.0)**

Prerequisite: EDUC 445. Open only to students enrolled in Phase III of the secondary teacher certification program. Implementation of unit and lesson plans for student learning using InTASC and content area standards. Course participants engage in a forum about professional issues for becoming a teacher and develop the Secondary Exit Folio.

Offered: Second Semester

**EDUC 409 - Secondary Reading in Content Area Pt 1 (4.0)**

Prerequisites: EDUC 204 and EDUC 308. Open only to students enrolled in Phase I of the secondary teacher certification program. A study of the major approaches to teaching reading in grades 7 to 12. Emphasis on the implementation of reading techniques and strategies appropriate to the content areas. Field experiences include observations and implementation of instructional strategies.

Offered: First Semester

**EDUC 411 - Educational Methods in Discipline (3.0)**

Prerequisites: 18 credits in the major subject, EDUC 412, EDUC 413 and EDUC 445. Open only to students enrolled in Phase II of the secondary teacher certification program. A study of the theories and best practices

for the content areas: art, English, foreign language, history, mathematics or science in grades 7-12 (preK-12 for art). Topics include lesson planning, multiculturalism, critical thinking, technological resources and differentiated instruction.

Offered: First Semester

#### **EDUC 412 - Secondary Reading in Content Area Pt2 (3.0)**

Prerequisite: EDUC 409. Open only to students enrolled in Phase I of the secondary teacher certification program. Designed to develop competency in the utilization of reading and writing strategies, assessments, vocabulary building, comprehension and special needs adaptations. Field experiences are required.

Offered: Second Semester

#### **EDUC 413 - Secondary Instruction (2.0)**

Prerequisites: EDUC 204 and EDUC 308. Open only to students in Phase I of the secondary teacher certification program. An introduction to the planning and delivery of secondary school instruction including best practices in lesson planning which include differentiation for meeting individual learning modalities, styles and student needs. Field experiences are required.

Offered: First Semester

#### **EDUC 419 - Teaching Internship (8.0)**

Prerequisites: EDUC 411 and EDUC 469. Open only to students enrolled in Phase III of the secondary teacher certification program. Extra fee. Directed and evaluated teaching experience in a designated secondary Professional Development School. There is an emphasis on discipline-specific planning, implementing and assessing instruction, maintaining diverse learning communities and a focus on academic and social outcomes.

Offered: Second Semester

#### **EDUC 445 - Secondary Instructional Assessment (2.0)**

Prerequisites: EDUC 204 and EDUC 308. Open only to students in Phase I of the secondary teacher certification program. This course will survey theories and best practices in educational assessment and prepare secondary education candidates to analyze data from school demographics and create, apply and interpret results from preassessment, formative, summative and standardized assessment instruments to improve instruction and student achievement.

Offered: Second Semester

#### **EDUC 449 - Teaching Internship in Elementary/Special Education (12.0)**

##### **EDUC 449A - Tchg Internship ELSP - Elementary (6.0)**

Prerequisite: Admittance to Phase III. Extra fee. Supervised teaching in special education programs for students with mild/moderate disabilities. Students may complete one placement in an elementary school special education program and one placement in a middle school special education program.

Offered: Both Semesters

##### **EDUC 449B - Tchg Internship ELSP - Middle School (6.0)**

Prerequisite: Admittance to Phase III. Extra fee. Supervised teaching in special education programs for students with mild/moderate disabilities. Students may complete one placement in an elementary school special

education program and one placement in a middle school special education program.

Offered: Both Semesters

#### **EDUC 459 - Teaching Internship in Kindergarten and Primary Grades (12.0)**

##### **EDUC 459A - Tchg Internship Kindergarten (6.0)**

Prerequisite: Admission to Phase III. Extra fee. The final semester of teaching internship. A semester-long program of guided observation, participation, and supervised teaching. Students complete a seven-week, full-time placement in kindergarten and a seven-week, full-time placement in a primary grade (1, 2, or 3). Extra fee. Must be taken in Phase III of the ECE program.

Offered: Both Semesters

##### **EDUC 459B - Tchg Internship Primary (6.0)**

Prerequisite: Admission to Phase III. Extra fee. The final semester of teaching internship. A semester-long program of guided observation, participation, and supervised teaching. Students complete a seven-week, full-time placement in kindergarten and a seven-week, full-time placement in a primary grade (1, 2, or 3). Extra fee. Must be taken in Phase III of the ECE program.

Offered: Both Semesters

#### **EDUC 460 - Professional Development Seminar (3.0)**

Prerequisite: Admission to Phase III. Taken with the final phase of the yearlong teaching internship. Candidates will analyze their roles and their development as teachers as they implement instruction and will complete the exit folio.

Offered: Both Semesters

#### **EDUC 469 - Inclusion & Instruction (3.0)**

Prerequisites: EDUC 412, EDUC 413 and EDUC 445. Open only to students enrolled in Phase II of the secondary teacher certification program. Designed to introduce students to strategies for differentiating instruction within the general education classrooms. Addressed are approaches for adapting the curriculum to meet the needs of students with identified disabilities.

Offered: First Semester

#### **EDUC 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

#### **EDUC 502 - Tech for Literacy,Leadership & Learning (3.0)**

Prerequisite: Students are expected to have some familiarity with personal computer operating procedures. Examines what educational leaders (reading specialists, administrators, and teachers) need to know in order to enhance the school program through the use of technology. Emphasis on Science, Technology, Engineering and Mathematics (STEM) practices, adaptive, administrative, and instructive use of technology. Required as the first course in the Reading Specialist, Educational Leadership, and Curriculum and Instruction programs.

Offered: Summer and/or Both Semesters

**EDUC 511 - Children's Literature (3.0)**

A survey of children's literature and enrichment materials and the criteria for evaluating and selecting such materials as they relate to the needs, interests, and capabilities of children and young people.

Offered: Summer Semester ( Odd Years)

**EDUC 513 - School Law (3.0)**

This course examines current legal issues facing educational leaders. Specific areas studied include constitutional rights of students, legal aspects of discipline, tort liability, and special education law. Constitutional, federal and state law will be examined within each topic area.

Offered: First and/or Summer Semester

**EDUC 514 - Administration of Student Services (3.0)**

Examines the pupil services component of educational administration. Includes components of student services administration, providing services for students with special needs, and the legal aspects of pupil services and special education.

Offered: Second and/or Summer Semester

**EDUC 515 - Processes & Acquisition of Reading (3.0)**

Designed to assist teachers in understanding the reading acquisition process through observation and analysis of reading and written language development, and the study of current issues in reading research.

Offered: Offered as Needed

**EDUC 516 - Mentoring Beg Teachers:Princ & Practice (3.0)**

Prerequisite: Three years of successful classroom teaching. This course explores the challenges facing beginning teachers (both in-service and intern-teachers), research on the continuum of teacher development, approaches to effective teacher induction and on-going support. Participants will develop strategies and techniques for mentoring beginning teachers.

Offered: Offered as Needed

**EDUC 517 - Materials for Teaching Reading (3.0)**

Prerequisite: EDUC 515 or the equivalent. The historical perspectives of reading instruction, developmental programs and materials and specific reading skills needed at elementary and secondary levels will be the focus.

Offered: First Semester

**EDUC 518 - Reading Instruction:Elementary (3.0)**

Prerequisite: EDUC 515 or the equivalent. Concerns the remediation and prevention of reading difficulties and appropriate placement and program planning for all students. Topics include intervention strategies and establishing and managing the literacy program.

Offered: First Semester

**EDUC 519 - Reading Instruction:Secondary (3.0)**

Prerequisite: EDUC 515 or the equivalent. A study of the principles and methods of teaching reading and the appropriate match of students with materials and teaching strategies at the middle school, junior high and senior high levels.

Offered: Second Semester

**EDUC 520 - Reading Diagnosis (3.0)**

Prerequisite: EDUC 515 or the equivalent. Designed to acquaint students with a variety of reading disabilities, their possible etiologies and initial diagnostic procedures. Strategies for identifying gifted readers and for measuring general reading achievement will be addressed.

Offered: Second Semester

**EDUC 521 - Contemporary Issues:Teaching Reading (3.0)**

Prerequisite: EDUC 515 or permission of the instructor. Emphasizes implications of current theory and results of research for the teaching of reading. Attention is given to issues and problems in the area of reading instruction. An action research project is planned and implemented during the semester. Current issues associated with reading education are also discussed.

Offered: First Semester

**EDUC 523 - Reading Diagnosis/Prescription:Clinical (3.0)**

Prerequisites: EDUC 517, EDUC 518, EDUC 519, EDUC 520 and EDUC 529 or permission of the instructor. The identification of disabled readers and appropriate prescriptive program planning will be emphasized. Includes the interpretation of initial screening results and subsequent recommendations. Instructional materials for individual and small group teaching will be developed and specific remedial techniques will be refined.

Offered: Second Semester

**EDUC 524 - Adv Clinical Reading Exper: Elementary (3.0)**

Prerequisite: EDUC 523 or permission of the instructor. This supervised practicum involves the continuous diagnosis of disabled readers and the planning and implementation of appropriate corrective/remedial programs. Three weeks are spent working with elementary age students. A seminar component is an integral part of the course. To be taken concurrently with EDUC 525.

Offered: Summer Semester

**EDUC 525 - Adv Clinical Reading Exper: Secondary (3.0)**

Prerequisite: EDUC 523 or permission of the instructor. Supervised practicum involves the diagnosis of disabled readers and the planning and implementation of remedial appropriate to the content areas. Three weeks are spent working with secondary-age students. Taken concurrently with EDUC 524.

Offered: Summer Semester

**EDUC 529 - Literacy Leadership (3.0)**

Prerequisites: EDUC 515 (or equivalent), EDUC 517, EDUC 518, EDUC 519 and EDUC 520. Examines effective school-wide literacy programs and the role the reading specialist/literacy coach plays in those programs.

Offered: First Semester

**EDUC 533 - Effective Home-School Interaction (3.0)**

The dynamics of the family-teacher-child relationship with emphasis on the teacher's role as partner and counselor of children ages 3-12. Techniques for working with family and children will be evaluated and designed by the teacher.

Offered: First Semester

**EDUC 534 - Current Issues in ECE & Elementary Ed (3.0)**

A review and analysis of current research in early childhood and elementary education with emphasis on issues, emerging trends, and procedures essential to developing classroom programs for students.

Offered: Second Semester

**EDUC 535 - Integrating Elem Curric thru Lang Arts (3.0)**

Emphasis on integrating language arts in areas of the elementary school curriculum. Techniques and practical activities for developing skills such as listening, speaking, literature, writing, comprehension and vocabulary development will form the core of the course.

Offered: Summer Semester ( Even Years)

**EDUC 540 - Modern Science Methods (3.0)**

An examination of modern elementary and middle school science and Science, Technology, Engineering and Mathematics (STEM) methods, curriculum materials and instructional strategies.

Offered: First Semester

**EDUC 542 - Topics:Elementary/Middle Physical Sci (3.0)**

A consideration of the processes and topics of physical science that are most appropriate to the needs of elementary and middle school teachers. An activity-centered STEM approach is utilized to study the structure of matter and other physical science topics.

Offered: Second Semester ( Even Years)

**EDUC 544 - Topics:Elementary/Middle Biological Sci (3.0)**

A consideration of the processes and topics of biological relevant to elementary and middle school teachers. A Science, Technology, Engineering and Mathematics (STEM) approach is utilized.

Offered: First Semester ( Even Years)

**EDUC 545 - Modern Math Methods (3.0)**

An examination of modern elementary mathematics methods, Science, Technology, Engineering and Mathematics (STEM) curriculum, materials and instructional strategies.

Offered: Summer Semester

**EDUC 546 - Numb,Oper,Alg Thinking E/M School (3.0)**

A study of the teaching of numbers, operations, and algebraic thinking in elementary and middle schools. Focus areas include how students learn numbers, operations, and algebraic thinking.

Offered: Second Semester ( Even Years)

**EDUC 547 - Geometry & Measurement in E/M School (3.0)**

A study of the teaching of geometry and measurement in elementary and middle schools. Focus areas include how students learn geometry and measurement.

Offered: Second Semester ( Odd Years)

**EDUC 548 - Elementary/Middle School Earth Science (3.0)**

A consideration of the processes and topics of earth science that are most appropriate to the needs of elementary and middle school teachers. Emphasis is placed upon an activity-centered STEM approach to three major areas in earth science (astronomy, geology, meteorology).

Offered: Offered as Needed

**EDUC 551 - The Teaching of Geometry (3.0)**

Prerequisites: MATH 501 or equivalent and a current teaching certificate. Examines current research and accepted practices in teaching geometry in the secondary school. The focus is on problem solving and mathematical reasoning, communication, and integrating geometry with other disciplines.

Offered: Both Semesters ( Odd Years)

**EDUC 552 - The Teaching of Algebra (3.0)**

Prerequisites: MATH 502 and or equivalent. Examines current research and accepted practices in teaching algebra in the secondary school. The focus is on problem solving and mathematical reasoning, communication, and integrating algebra with other disciplines.

Offered: Both Semesters ( Even Years)

**EDUC 553 - Found Elem STEM (Sci,Tech,Engr,Math) Ed (3.0)**

Examines foundational elements of elementary STEM (Science-Technology-Engineering-Mathematics) inquiry-based instruction. Participants are expected to learn through experience, exploration, and discourse to gain an understanding of a STEM mindset to facilitate implementing a STEM approach in the elementary classroom.

Offered: Summer Semester

**EDUC 561 - Tchg Diverse Learners/Inclusive Setting (3.0)**

Designed to develop skills, attitudes and understanding to enable the general early childhood, elementary and secondary classroom teacher to effectively educate learners with special needs. Topics include inclusion, educational planning, teaching techniques, student assessment, and classroom organization and management skills.

Offered: Second Semester

**EDUC 565 - Classroom Org/Mgmt in Special Educ (3.0)**

Classroom management and teaching techniques for students in general and special education settings; behavior modification, interaction techniques, self-management strategies and motivation strategies.

Offered: First Semester

**EDUC 571 - History,Phil,Legal Foundations of SpEd (3.0)**

Historical and legal perspectives that led to PL 94-142 and subsequent legislation. Current issues in the field of special education; survey of disabilities, philosophical concerns, educational ramifications of legislation and innovative programming.

Offered: Summer Semester

**EDUC 573 - Assess,Diagnosis,Prescription in SpEd (3.0)**

Theoretical and practical aspects of assessment, diagnosis and prescription of children with mild or moderate disabilities. Implications for educational programming are considered. Appropriate test selection and comprehensive report writing are included.

Offered: Second Semester

**EDUC 574 - Curr & Meth in SpEd:Rdg,Lang Arts,Soc St (3.0)**

A study of curriculum goals and objectives, and the methods and materials to be used to meet the needs of diverse learners and children who have mild or moderate disabilities. Topics include learning processes and development of instructional programs in reading, spelling, oral and written language and social studies.

Offered: First Semester

**EDUC 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

**EDUC 576 - Curr & Meth in SpEd:Math and Science (3.0)**

A study of curriculum goals and objectives, and the methods and materials to be used to meet the needs of diverse learners and children who have mild or moderate disabilities. Topics include development of instructional programs in mathematics and science.

Offered: Second Semester

**EDUC 577 - Introduction to Educational Research (3.0)**

Prepares the student to become an effective consumer of educational research, using a variety of tools and technology to search and retrieve research documents. Topics include research design, analysis of internal and external validity and descriptive and inferential statistics.

Offered: Summer and/or Both Semesters

**EDUC 578 - Educational Leadership/Group Dynamics (3.0)**

Examines leadership and organizational theory. Topics include the structure and dynamics of organizations, motivation and decision-making processes, group interactions, communication skills, and organizational dynamics.

Offered: First and/or Summer Semester

**EDMA 579 - Capstone Project (3.0)**

Prerequisites: Completion of 21 credits in the M.S. in Mathematics Education program. Each project will focus on an idea that links mathematics to its teaching and learning. Independent reading and study, reflection, writing, and possible action research. The capstone is assigned a letter grade, which will reflect not only the quality of the final product, but also the student's performance throughout the project.

Offered: Either Semester

**EDUC 581 - Research-Based Tchng,Lrng,Assessment (3.0)**

Extends students' knowledge, understanding and application of theories of child development and the teaching-learning-assessment process, and offers the student the opportunity to consider and apply the findings of educational, psychological and brain-based research and theory.

Offered: Summer and/or Both Semesters

**EDUC 582 - Educational Philosophy in a Diverse Soc (3.0)**

Examines educational philosophies in the context of diverse educational populations. Multicultural curriculum planning approaches as well as the history and contributions of minority groups to American education are also examined.

Offered: Summer and/or Both Semesters

**EDUC 583 - Princ of Curr Development & Appraisal (3.0)**

This course examines various approaches to curriculum development and evaluation. Curriculum theories, processes and roles in curriculum planning; data used in curriculum planning; and defining curricular goals and objectives are all addressed in the course.

Offered: Summer and/or Both Semesters

**EDUC 584 - Systemic Change Proc/Sch Improvement (3.0)**

Participants examine the literature on systemic change, with emphasis on models and strategies for use by school leaders to affect change at the individual, team, school and district levels.

Offered: First and/or Summer Semester

**EDUC 586 - Principles of Educational Supervision (3.0)**

This course examines educational supervision as a function of the school leader. Specific areas studied include classroom observation skills, conferencing skills, evaluation skills, and human relation skills. Students have the opportunity to practice supervisory skills in simulated and on-site applications.

Offered: Second and/or Summer Semester

**EDUC 587 - Elementary Sch Administrative Internship (3.0)**

Prerequisites: EDUC 578, EDUC 583 and EDUC 586. A yearlong internship experience with a practicing elementary school principal for a range of administrative experiences. The culmination of the experience will result in the submission of an administrative portfolio to be evaluated by college faculty and, where possible, by a public school administrator. Includes class experiences, case studies, and real-life scenarios.

Offered: Offered Year Long

**EDUC 588 - Secondary Sch Administrative Internship (3.0)**

Prerequisites: EDUC 578, EDUC 583 and EDUC 586. A yearlong internship experience with a practicing secondary school principal for a range of administrative. The culmination of the experience will result in the submission of an administrative portfolio to be evaluated by college faculty and, where possible, by a public school administrator. Includes class experiences, case studies and real-life scenarios.

Offered: Offered Year Long

**EDUC 589 - School Business/Personnel Administration (3.0)**

Prerequisites: EDUC 578 and EDUC 586. This course examines administrative functions in the school business and personnel areas. Specific topics examined include revenue and budgeting; school maintenance and operations; comprehensive strategic planning; personnel recruitment, selection, induction and development; and appraisal of personnel performance.

Offered: Summer and/or Both Semesters

**EDUC 595 - Teaching Statistics & Probability (3.0)**

Prerequisite: MATH 500 or equivalent and a current teaching certificate. Examines current research and accepted practices in teaching statistics and probability in the secondary school. The focus is on problem solving and mathematical reasoning, communication, and integrating statistics and probability with other disciplines.

Offered: Both Semesters ( Even Years)

**EDUC 596 - Teaching of Mathematical Modeling (3.0)**

Prerequisite: MATH 505 or equivalent and current teaching certification. Examines current research and accepted practices in teaching mathematical modeling in the secondary school. The focus is on problem solving through mathematical modeling and mathematical reasoning, communication, and integrating mathematics with other disciplines.

Offered: Both Semesters ( Odd Years)

**EDUC 597 - Action Research Special Project (3.0)**

Prerequisite: Permission of the program director. Candidates participate in a culminating action research project in learning and teaching. It is expected that students will complete a thorough literature review of their topics, clarify a hypothesis about a solution to a learning and teaching classroom problem, collect baseline data related to the problem, design an intervention program, monitor the intervention program, test the effect of the intervention and reflect and generalize about future actions.

Offered: Offered Year Long

**EDUC 599 - Special Topics (6.0)**

The content and methods of such courses depend upon the interests of the faculty and students.

Offered: Offered as Needed

**EDUC 597ST - STEM Capstone Activity (3.0)**

Prerequisite: Permission of the program director. Candidates participate in a culminating project that reflects a transdisciplinary activity.

Emphasis is placed on problem solving and making real-life connections through an activity-centered approach using current technology, content curriculum materials, and Science, Technology, Engineering and Mathematics (STEM) pedagogy.

Offered: Offered as Needed

## ENGL - ENGLISH

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**ENGL 099 - Basic Writing Skills (2.0)**

Prerequisite: Level I placement on the Basic Writing Skills Inventory test. Study and practice of mechanics, grammar, sentence structure and paragraph orientation. Offered through the Academic Services Office with cooperation of the English department. Grading is S/U. Students who complete ENGL 099 successfully should register for ENGL 100 in the following semester.

Offered: Both Semesters

**ENGL 100 - Elements of Composition (4.0)**

Prerequisites: Permission of the department and placement on Basic Skills Inventory test. May not be audited. This intensive course in expository writing emphasizes the fundamentals of grammar, sentence structure and paragraph construction. Learning involves three methods of instruction: classroom discussion, a writing laboratory, and tutorial conferences.

Core: Foundations/English

Offered: Both Semesters

**ENGL 100E - ESL Elements of Composition (4.0)**

Prerequisites: Permission of the department and placement on Basic Skills Inventory test. May not be audited. This intensive course in expository writing emphasizes the fundamentals of grammar, sentence structure and paragraph construction. Learning involves three methods of instruction: classroom discussion, a writing laboratory, and tutorial conferences.

Core: Foundations/English

Offered: First Semester

**ENGL 101 - The Writing Process (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. May be repeated once as ENGL 102. Credit by exam. An expository writing course that emphasizes frequent writing and rewriting. Students have individual conferences with their instructors to plan or critique essays. May not be audited or taken without satisfactory performance on the Basic Writing Skills Inventory.

Core: Foundations/English

Offered: Both Semesters

**ENGL 103 - English Grammar (1.0)**

Prerequisite: Level II, III, or IV placement on the Basic Skills Inventory test. Open to transfer students who have completed the Composition requirement. This one-credit course provides students with a sound knowledge of the terminology and conventions of grammar, punctuation, and syntax. It is intended for students who seek certification to teach English in primary and secondary classrooms; but any student interested in the way the English language works is encouraged to take this course.

Offered: Second Semester

**ENGL 112 - Writing about Lit: Monsters (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. What is a monster? Who is a monster? How do we create or become monsters? Through a variety of readings, films, and discussions of current cultural and scientific attitudes toward normalcy and monstrosity, this class will examine what we mean by the term monster and what we expect from monsters. This open-ended investigation will serve as the basis for students' development of their expository writing skills. Readings may include Shelley, Stoker, Kafka, Steiner, and Lem, and films may include all manner of vampires, werewolves, clones, creations, aliens, haywire computers, and very large apes and/or lizards.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 113 - Writing about Lit: Children's Literature (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. A college education begins in children's literature. This statement will be explored by looking closely at popular children's literature, its authors, and its illustrators.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 114 - Writing about Lit: Medieval Texts (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. This course will focus on how (and why) modern day literature recycles literature from the medieval period. Though some medieval literature will be read, the class will focus primarily on modern retellings of medieval myths and tales. Texts may include *The Lord of the Rings*, *Beowulf*, *The Mists of Avalon*, and the romances of King Arthur.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 116 - Writing about Lit: Popular Literature (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. A look at a variety of popular literature which may include romance, mystery, horror, fantasy, science fiction, western, and espionage genres in an effort to understand the appeal of authors such as Daphne du Maurier, P.D. James, Harlan Ellison, Anne McCaffrey, Frank Herbert, Jack Schaefer, and John Le Carré.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 117 - Writing about Lit: Portraits of Family (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. A study of the family in literature. Texts may include plays, short stories, novels, and poems.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 119 - Writing about Lit: Fantasy (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. The literature of mythic imagination. Texts may include Alice in Wonderland, Out of the Silent Planet, The Lion, The Witch, The Wardrobe, The marian Chronicles and The Hobbit.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 120 - Writing about Lit: Historical Fiction (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. A study of the weaving of fact and fiction. Texts may include works by Harriet Beecher Stowe, Catherine Drinker Bowen, Eric Remarque, Mark Twain, and E.L. Doctorow.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 121 - Writing about Lit: The Comic Imagination (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. A look at the literature of comedy and humor; consideration of such issues as comic characters, situations, and language. Authors may include Chaucer, Shakespeare, Voltaire, Austen, Wilde and Flannery O'Connor.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 122 - Writing about Lit: Lost Americans (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. Twentieth-century literature is rich in characters who are carried by the wind, having lost any sort of rudder. Texts may include short stories by Cheever and Updike, and novels such as Tender is the Night, The Catcher in the Rye, The Heart is a Lonely Hunter, Cat's Cradle, and The Word According to Garp.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 124 - Writing about Lit: Nature & Human Nature (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. An exploration of the relationship between human beings and the natural worlds they inhabit. An effort will be made to discuss a variety of natural settings. Readings will be selected from the prose and poetry of writers such as Mary Oliver, Willa Cather, Neil Gunn, Scott Momaday, and Norman MacLean.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 126 - Writing about Lit: Love Triangles (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. Amorous entanglements as expressed in the storytelling traditions of the American midwest. The course will include Willa Cather's My Antonia; Sherwood Anderson's Winesburg, Ohio, and Louise Erdrich's Love Medicine, as well as shorter selections from Sinclair Lewis, Mark Twain and Ring Lardner.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 127 - Writing about Lit: Voices of the South (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. A look at selected southern writers. Authors may include Eudora Welty, Flannery O'Connor, Ernest Gaines, Alice Walker, and Carson McCullers.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 128 - Writing about Lit: Gothic Tradition (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. An expository writing course that also explores the psychological and moral horror of the Gothic novel. Course will consist of class discussion of assigned reading, lecture on the six central modes of discourse, and writing. Texts include Wuthering Heights, The Castle of Otranto, Christabel, Jamaica Inn, and Frankenstein.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 130 - Writing about Lit: Space and Solitude (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. An examination of what Wallace Stegner has called the western writer's sense of vastness, and how the particular qualities of the western landscape - space, wilderness, solitude - affect the people who live there. Readings may include Terry Tempest Williams' Refuge, Wallace Stegner's Angle of Repose, Rick Bass' The Book of Yaak, Normal McLean's A River Runs Through It, and Barbara Kingsolver's Pigs in Heaven.

Core: Foundations/English

Offered: Offered as Needed

**ENGL 131 - Writing about Lit: Search of Identity (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. A look at the way individuals of various social and ethnic backgrounds forge an identity within the context of primarily Eurocentric American culture, to understand how culture both shapes and reflects our identity. Authors

may include Amy Tan, Michael Dorris, Bebe Campbell, Ernest J. Gaines, Sandra Cisneros, and John Irving.

Core: Foundations/English

Offered: Offered as Needed

### **ENGL 133 - Writing about Lit: Growing Up Female (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. This course explores how the externals of history (immigration, colonization, developments in the women's movement here and abroad, America's own class system) have permeated women's personal lives. May include works by Sui Sin Far (Edith Eaton), Anzia Yezierska, Paule Marshall, Jean Rhys, Nella Larson, Jamaica Kincaid, and Dorothy Allison, as well as supplemental readings such as *Reviving Ophelia* and *Schoolgirls*.

Core: Foundations/English

Offered: Offered as Needed

### **ENGL 136 - Writing about Lit: Humans with Insides (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. What is our human worth? Are we moral subjects to be respected, or objects fit for manipulation? How do various writers view this bedrock ethical issue? This course will have a look. Works will include Hemingway's *Hills Like White Elephants*, Faulkner's *A Rose for Emily*, O'Connor's *Guests of the Nation*, and Erdrich's *The Red Convertible*.

Core: Foundations/English

Offered: Offered as Needed

### **ENGL 137 - Writing about Lit: The Coming of Age Story (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. An exploration of the coming of age story, or *Bildungsroman*. Students will read and analyze works by authors such as Mark Twain, James Joyce, Richard Wright, Sherwood Anderson, Toni Morrison, and Arundhati Roy. In addition to critical analyses of the texts, students will respond to the topic through personal essays and/or fictional narratives.

Core: Foundations/English

Offered: Offered as Needed

### **ENGL 138 - Writing Lit: Literary Encounters w/Real World (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. Many British and American writers have dramatized the crucial and sometimes harrowing passage into adulthood. We'll consider how some of them have viewed this transition. Hawthorne, Frank O'Connor, Faulkner, and Louise Erdrich will be among them.

Core: Foundations/English

Offered: Offered as Needed

### **ENGL 139 - Writing about Lit: War Stories (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. Credit by exam. This course explores representations of war and its aftermath. We will examine novels, poems, and short stories about World War I, World War II, Vietnam, and Iraq. As we investigate the efforts of writers to articulate wartime and postwar traumas, we will ask not only what it means to experience and/or imagine war, but what it means for women and men from different times and

cultural perspectives to survive war and its legacies. Authors may include Virginia Woolf, Pat Barker, Joy Kogawa, Kazuo Ishiguro, Tim O'Brien, Brian Turner, and Benjamin Percy.

Core: Foundations/English

Offered: Offered as Needed

### **ENGL 110-139 - Writing About Literature (3.0)**

Prerequisite: Placement on the Basic Skills Inventory test. Open to freshmen and sophomores. May be repeated once with a different topic with the permission of the English Department Chair. Credit by exam. An expository writing course that emphasizes reading to become a better writer. Classes will focus on close reading, and students will respond to the texts in short analytical essays. Various topics offered each semester. May not be audited or taken without satisfactory performance on the Basic Writing Skills Inventory.

Core: Foundations/English

Offered: Both Semesters

### **ENGL 202 - TpcWrt Intermed Expository Writ (4.0)**

Prerequisite: ENGL 100, ENGL 101, or 3 credits from ENGL 110-139. May not be taken on an audit basis. Intensive practice in the clear and effective exposition of ideas, with stress on organization and precision of word choice. Individual conferences in addition to class meetings.

Offered: First Semester

### **ENGL 210 - Approaches to Literature (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139; by invitation of the department. A team-taught introduction to literary criticism for students considering an English major. Each member of the English department faculty presents a work of literature and leads a discussion from a critical vantage point; our perspectives may include formalist, feminist, psychological, mythopoetic and new historicist analysis.

Offered: Second Semester

### **ENGL 219 - Creative Writing (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139; or permission of the instructor. May not be taken on an audit basis. An introduction to various forms of creative writing, this is an intensive writers' workshop requiring active participation from all members. Individual conferences in addition to class meetings. May not be audited.

Offered: Both Semesters

### **ENGL 221 - World Literature (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of world literature in translation particularly relevant to our own cultural heritage. Readings are drawn from the antique, classical, medieval and early modern periods, and typically include Homer, Sophocles, Virgil, Dante, Ariosto and Cervantes. (H1,CT)

Core: Literature

Offered: First Semester

### **ENGL 222 - British Literature through 18th Century (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. Selected readings from the medieval period to the beginning of cultural divergence between England and America. Readings from Beowulf, Chaucer, Shakespeare, Milton, Pope, Swift, Defoe and others. (H1)

Offered: First Semester

**ENGL 223 - American Literature (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. An introduction to the American imagination as expressed in fiction, poetry, essays, autobiography and nature writing. May include works by Wheatley, Franklin, Hawthorne, Thoreau, Douglass, Twain, Wharton, Faulkner, Hurston, Hughes, Updike, Momaday and Brooks. (H2)

Offered: Second Semester

**ENTH 229 - History of Drama Theatre I (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. This course will examine the history, development, literary devices, and production values of a variety of theatre and drama, from Ancient Greece and Rome to the nineteenth century. Playwrights studied may include Sophocles, Aristophanes, liturgical dramatists, commedia performers, Shakespeare, Jonson, Chikamatsu, Molière, Sheridan, Tyler and Daly. (H1, G)

Core: Literature

Offered: First Semester

**ENTH 230 - History of Drama and Theatre II (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. This course will examine the history, development, literary devices, and production values of a variety of theatre and drama, from nineteenth century Realism to the present day. Playwrights studied may include Ibsen, Wilde, Chekhov, O'Neill, Miller, Williams, Albee, Beckett, Pinter, Shepard, Mamet, Wilson and Kushner. (H2, G)

Core: Literature

Offered: Second Semester

**ENGL 250 - Theme:Narratives of Rome & Britain (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. In this course, we will explore how "history" and "fiction" are defined, where they overlap, and where they (should) diverge. The focus will be on ancient Rome and late medieval/early modern England, as well as figures that have come to represent these societies in the modern imagination: Julius Caesar, King Richard III, and Queen Elizabeth I. (H1, CT)

Core: Literature

Offered: Offered as Needed

**ENGL 252 - Theme:Mod Wasteland 20thC English Lit (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of major works of modern English literature with an emphasis on the social, psychological, and religious implications of the notion that modern life is a spiritual wasteland, a dead land calling out for rebirth. Texts may include works by Conrad, Yeats, T.S. Eliot, Joyce, Lawrence, Woolf, Forster, and Auden. (H2)

Core: Literature

Offered: Offered as Needed

**ENGL 253 - Theme:Medieval Lit of Power & Dissent (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of who had power in Medieval England, and how those on top stayed that way. This course will explore the ways in which medieval literature reflects the nature of power in medieval society, and also how literature itself was used to reinforce or to challenge the authority of the nobility and the Church. (H1, CT)

Core: Literature

Offered: Offered as Needed

**ENGL 255 - Thematic Studies:The Renaissance Spirit (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. Dominant ideas in the literature of the English Renaissance, with readings taken from such authors as Spenser, Sidney, Marlowe, Shakespeare, Donne and Milton. (H1)

Core: Literature

Offered: Offered as Needed

**ENGL 257 - Thematic Studies: The Romantic Impulse (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. Romantic motifs in English literature of the nineteenth century. Readings will include both novels and poems. Texts may be selected from works by Scott, Bronte, Blake, Byron, and Wordsworth. (H2)

Core: Literature

Offered: Offered as Needed

**ENGL 258 - Thematic Studies: Victorian Mind (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of major themes in Victorian literature with emphasis on the impact of the industrial and scientific revolutions on society, religion, and art. Texts may include novels by Dickens or Eliot, essays by Mill, Carlyle, and Arnold, and poems by Tennyson, Browning, and Arnold. (H2)

Core: Literature

Offered: Offered as Needed

**ENGL 259 - Thematic St:Medieval Magic & Mysticism (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. This reading-intensive course explores how magic and mysticism were woven into the fabric of medieval society. We will consider the categories of magic, religion and science, and attempt to discover where they intersect and where they diverge. We will also look at how medieval articulations of magic survive and continue to influence the popular culture of today. (H1, CT)

Core: Literature

Offered: Offered as Needed

**ENGL 261 - Theme:Amer Transcendtl/Dark Romantic (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of the major authors and themes of the American Transcendental and Anti-Transcendental or Dark Romantic movements. Texts will include essays by Emerson and Thoreau, novels and short stories by Hawthorne, Melville, and Poe, and poems by Whitman and Dickinson. (H2)

Core: Literature

Offered: Offered as Needed

**ENGL 262 - Thematic Studies: Writing on Art (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of ekphrastic writing, or literature on, about, or inspired by works of art. The course will be geared toward an interdisciplinary exploration of the relationship between literature and the visual arts. Texts will include a range of classical to contemporary works by authors such as Homer, Keats, Wilde, Woolf, Auden, and Ashbery. (H2,CT)

Core: Literature

Offered: Offered as Needed

**ENGL 263 - Thematic Studies: Romantic Poetry (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A close study of poems by the major British Romantic poets and the themes they embody. Discussions will focus, primarily, on the impact of the French Revolution and on the meaning and significance, for poets of the period, of the concepts of Nature and Imagination. Texts will include poems by Blake, Wordsworth, Shelley, and Keats. (G, H2)

Core: Literature

Offered: Offered as Needed

**ENGL 264 - Thematic Studies:Visions in Medieval Lit (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of how literature reflects a preoccupation with the value (or lack thereof) of dreams and visions in the Middle Ages. Texts that we will explore include Pearl and Chaucer's Book of the Duchess and House of Fame; mystical visions, such as The Cloud of Unknowing and Julian of Norwich's Showings and Revelations; and other works in which visions play an integral part, such as Mum and the Sothsegger and Malory's Le Morte Darthur. This course will also explore the early texts from which authors in the Middle Ages defined and categorized dreams and visionary literature. (CT)

Core: Literature

Offered: Offered as Needed

**AFEN 265 - African American Voices pre 20thC (4.0)**

We will study the ways in which early African-American literary traditions have been formed not only by slavery, but also by community, geography, politics, and literature itself. Works may include slave narratives of Olaudah Equiano, Frederick Douglass, Elizabeth Keckley, and Harriet Jacobs, as well as 19th century fiction by Harriet Wilson, Harriet Beecher Stowe and Charles Chesnut. (H2)

Core: Literature

Offered: First Semester ( Even Years)

**AFEN 266 - Theme 20thC AfAm Literature (4.0)**

This course explores the influences of blues, jazz, and spirituals; folklore; and socio-economic history on African American literature of the 20th and early 21st centuries. We'll examine how survival and resistance become art forms in the work of authors like W.E. B. DuBois, James Weldon Johnson, Zora Neale Hurston, James Baldwin, and Toni Morrison. (H2)

Core: Literature

Offered: First Semester ( Odd Years)

**ENPL 267 - Thematic Studies:Vice and Virtue (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. Through analysis and discussion of selected works of great literature, students will examine themes of vice and virtue. Topics may include the relation between individual and community, evil, ends and means, the good life, and moral conflict.(H2, CT)

Core: Literature

Offered: Either Semester

**ENGL 269 - Thematic St:Arthur:Once & Future King (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. This course will focus on the legend of King Arthur, the mythical King of the Britons who (it is said) will return to help his people in their hour of need. From the earliest mentions of Arthur in the chronicles and myths of post-Roman Britain through the films, novels, and television of today, we will explore key points in the development of the Arthurian legend. (CT)

Core: Literature

Offered: Offered as Needed

**ENGL 272 - Genre Studies: The Short Story (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. Students will read, discuss, and write about a wide-ranging selection of short stories, studying authorial and historical technique, point of view, voice, structure, and subject matter. (H2,G)

Core: Literature

Offered: Offered as Needed

**ENGL 273 - Genre Studies: Renaissance Drama (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. We consider plays written by contemporaries of Shakespeare and his heirs. We will study dramatic traditions (such as revenge tragedy and social comedy) and theatrical contexts in the light of Elizabethan and Jacobean culture. The playwrights include Christopher Marlowe, Ben Jonson, and John Webster. (H1,G)

Core: Literature

Offered: Offered as Needed

**ENGL 275 - Genre Studies: American Novel (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. An introduction to the development of the American novel from the late eighteenth century through the twentieth century. May include works by Rowson, Hawthorne, Melville, Harriet Wilson, James, Chopin, Cather, and Plath. (H2,G)

Core: Literature

Offered: Offered as Needed

**ENGL 277 - Genre: English Renaissance Poetry (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. We explore the major poetic traditions of the late sixteenth and early seventeenth centuries. The sonnet, mythic/erotic narratives, religious lyric, and pastoral are among the many forms and conventions considered in the readings. The poets studied include Sidney, Shakespeare, Donne, Herbert, Herrick, and Marvell. (H1,G)

Core: Literature

Offered: Offered as Needed

**ENGL 278 - Genre Studies: The Woman in the Poem (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. A study of twentieth century American poetry by and about women. The class will emphasize close analysis of particular texts by poets such as Denise Levertov, Adrienne Rich, Sylvia Plath, and Anne Sexton. (H2,G)

Core: Literature

Offered: Offered as Needed

**ENGL 280 - Genre: 20th Century Ethnic Narratives (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.  
How do we add our own stories to the palimpsest of American identity? In this course, we will explore how national and personal histories of ethnicity in the United States are handed down, revised, and contradicted in both autobiography and fiction. Authors may include John Okada, Sherman Alexie, Jamaica Kincaid, Toni Morrison, Cynthia Ozick, and others. (H2, G)

Core: Literature

Offered: Offered as Needed

**CLEN 281 - Genre Studies: Greek & Roman Drama (4.0)**

Prerequisite: ENGL 100 or ENGL 101, or 3 credits from ENGL 110-139.  
This course focuses on the tragedies and comedies produced in Athens and Rome beginning with the Oresteia of Aeschylus (early 5th century B.C.) and concluding with the tragedies of Seneca (late 1st century A.D.). Plays are selected to analyze the diachronic treatment of popular stories, such as those of Oedipus and Medea, and to highlight the various roles theatre played in Greco-Roman society (religious, social, economic, etc.). Students will be expected to write critically about ancient plays both as literary texts and in their original performance contexts. (G)

Core: Literature

Offered: ( As Needed)

**ENGL 282 - Genre Studies: Forms in Poetry (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.  
A study of the forms and techniques of poetry, including both critical analysis and creative practice. We will read and analyze a variety of poetic forms, including sonnets, sestinas, ballads, villanelles, prose poems, and pantoums, by modern and contemporary poets. In addition to close readings of poems, students will write original poems in various forms. (G)

Core: Literature

Offered: Offered as Needed

**ENGL 283 - Genre Studies: Modern American Poetry (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.  
A study of the richly various poetry produced in the United States during the first half of the twentieth century. The course will focus on modern American poets such as Robert Frost, T.S. Eliot, Ezra Pound, William Carlos Williams, Wallace Stevens, Marianne Moore, and Elizabeth Bishop. (H2,G)

Core: Literature

Offered: Offered as Needed

**ENGL 284 - Genre Studies: Medieval Romance (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.  
We will explore the development of the romance as a literary genre. Included in our investigation are societal influences on the texts and literary influences on society: how did authors use the genre to depict and interrogate ideals of gendered behavior in love and war? And how do these ideals continue to influence our society today? (H1, CT, G)

Core: Literature

Offered: Offered as Needed

**ENGL 285 - Genre Studies: The British Novel (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.  
Explores British novels as sites of ongoing experimentation and development. Moves from the genre's 18th century hybrid origins, to the romance and realist traditions of the 19th century, and into the modernist and postmodernist movements of the 20th and 21st centuries. Authors may include Swift, Sterne, Austen, Dickens, Hardy, Woolf, Ishiguro, and McEwan. (H2, G)

Core: Literature

Offered: Offered as Needed

**ENGL 299 - Special Topics (3.0)**

Offered at the discretion of the department. (Either semester/1, 2, or 3 credits) An opportunity for groups of eight or more students to study topics suggested by their special interests and those of the faculty and not included in the regular offerings.

Offered: Offered as Needed

**ENGL 200-209 - Topics in Writing ()****ENGL 250-269 - Thematic Studies (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.  
May be repeated with a different topic. A study of a significant theme or subject in selected works of literature. May be repeated with different topic.

Core: Literature

Offered: Both Semesters

**ENGL 270-289 - Genre Studies (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.  
May be repeated with a different topic. A study of a particular genre, such as the novel, the short story, poetry, drama or autobiography.

Core: Literature

Offered: Both Semesters

**ENGL 301 - Medieval Drama (4.0)**

Prerequisites: Junior standing and completion of the Literary Analysis requirement or ENGL 222, or permission of Instructor. In this course, we will read, research, and perform early English drama. Our study will include lively Biblical episodes, sweeping saints' lives, shocking miracle stories, and witty, lighthearted interludes. All primary text readings will be in Middle English, but no previous coursework in the medieval period is required. (H1, G)

Offered: Second Semester ( Odd Years)

**ENTH 303 - Elements of Playwriting (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139 and ENGL 219. May not be taken on an audit basis. This workshop-based course is an immersion in the creative process of the playwright. Each student-playwright will begin to understand how to move from initial conception to the execution of a sketch, scene, one-act or full-length play for the stage. Each student-playwright will be introduced to the fundamentals of writing for the stage and will complete a first draft of either a one-act or a full-length play. (CW)

Offered: Second Semester ( Even Years)

**ENGL 313 - Shakespeare (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. This course is an introduction to the dramatic works of Shakespeare. Although some attention is devoted to the historical moment in which he produced his plays, the primary focus is on Shakespeare's language and theater. Filmed versions of the plays will be used to supplement textual analysis. (WS)

Offered: Second Semester

**ENGL 318 - Chaucer (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. A study of the selected works of the medieval poet who helped start the tradition of writing poetry and prose in English. The class will focus primarily on *The Canterbury Tales*; it will also introduce students to Middle English, so that the poetry may be appreciated in Chaucer's own language. Special attention will be given to the history and culture of England during Chaucer's lifetime. (WS)

Offered: First Semester ( Odd Years)

**ENGL 319 - Creative Nonfiction (4.0)**

Prerequisite: ENGL 219. This workshop-based course follows ENGL 219 and involves a concentrated study of the art of creative nonfiction. Students will gain an awareness and appreciation of the elements of creative nonfiction, and in particular, the personal essay. During the workshop portion of the course, students will write and present original essays and comment on the essays of other members, both orally and in writing.

Offered: Second Semester ( Even Years)

**ENGL 330 - Modern Women Playwrights (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. The course explores the major themes, dramatic structures and theatrical techniques that characterize plays written by women in the 20th and 21st centuries. Students will examine the ways in which selected playwrights explore the experience of women, including concerns about sexual freedom and economic independence. (H2,G)

Offered: Offered as Needed

**ENGL 335 - Teaching Assistantship in English (1.0 - 3.0)**

Prerequisite: Permission of the department. May be repeated once. The assistantship offers students the opportunity to refine their editing and leadership skills as they work with students in the Academic Services Center. Under the supervision of the Academic Services staff, assistants serve as teaching and tutorial aides to students seeking to improve their basic writing skills.

Offered: Either Semester

**ENGL 342 - Writers of Sig: Jane Austen (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. A close analysis of the art of Jane Austen, emphasizing the resources of her language and her powers of social perception. Reading will include Austen's six completed novels: *Sense and Sensibility*, *Pride and Prejudice*, *Mansfield Park*, *Emma*, *Northanger Abbey*, and *Persuasion*. (WS)

Offered: Offered as Needed

**ENGL 344 - Wrttrs Woolf Forster (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. An analysis of the lives, art, and ideas of E. M. Forster and Virginia Woolf. Texts may include Forster's *A Room with a View*, *Howard's End*, and *A Passage to India*, and Woolf's *Mrs. Dalloway*, *To the Lighthouse*, and *The Waves*. (WS)

Offered: Offered as Needed

**ENGL 345 - Wrt Sign:Hawthorne & Melville (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. The course is a close study of two major American authors of the mid-nineteenth century, with an eye to their differing techniques in dealing with similar themes; in particular, the power of passion of human behavior and a generally tragic sense of life. Since at least for a time these two authors were in close personal contact with each other and were inspired by each other's works, the course would use biographical information, as well as critical theory, to help illuminate the works in question. Class time would combine brief lectures with vigorous class discussion, with an emphasis on close readings of major texts. (WS)

Offered: Offered as Needed

**ENGL 346 - Wrt of Significance:Erdrich,Silko,Alexie (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. A study of three of America's most influential contemporary Native American writers. The class will explore these authors' historic and cultural contexts to some degree. Readings may include Silko's *Ceremony* and *Storyteller*, Erdrich's *Antelope Wife* and *Plague of Doves*, and Alexie's *Indian Killer* and *Flight*. (CT, WS)

Offered: Offered as Needed

**ENGL 347 - Wrt of Significance:Whitman & Dickinson (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. This course is an in-depth study of the two most important poets of nineteenth-century America, Walt Whitman and Emily Dickinson. In addition to a close examination of Whitman's antebellum poetry and Civil War work and Dickinson's manuscript fascicles and letters, the course will use recent criticism and biographical sources to help illuminate the works in question. (WS)

Offered: Offered as Needed

**ENGL 364 - Utopian Thought in the Western World (4.0)**

Prerequisites: Junior or senior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223. A study of utopian thought from Plato's *Republic* through contemporary science fiction. Texts may include St. Augustine's *City of God*, *The Rule of St. Benedict*, Campanella's *City of the Sun*, More's *Utopia*, Bellamy's *Looking Backward*, Gilman's *Herland*, Huxley's *Brave New World*, as well as films such as *Gattaca* and *Minority Report*. The course will also include a study of experimental utopian communities. (CT)

Offered: Second Semester ( Odd Years)

**ENGL 365 - The Renaissance Amphibium (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. As they move between two worlds—the infinite possibilities of spirit and the nightmarish limits of the physical—writers, artists and philosophers of the Renaissance offer images of what it means to be human. Those imaginings anticipate many modern assumptions and dilemmas. Readings may include Boccaccio, Erasmus, Rabelais, More, Montaigne, and Shakespeare. (H1, CT)

Offered: Second Semester ( Even Years)

**ENGL 367 - The Modern Temper (4.0)**

Prerequisite: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222, or ENGL 223 or permission of the instructor. A study of modern English literature and of the social and intellectual contexts that shaped that literature. The class will focus on works that reflect and continue to affect Western culture and its sense of the modern. Texts will include selections from poetry, fiction and non-fiction by authors such as James Joyce, T. S. Eliot, W. H. Auden and Virginia Woolf. (H2,CT)

Offered: Second Semester ( Even Years)

**ENHN 368 - American Landscapes Env Lit in US (4.0)**

Prerequisite: Sophomore, junior or senior standing in the Honors Program, or permission of the instructor. How does the American landscape function in our imagination, our policies, our lives? This reading-intensive course covers a wide range of environmental works: political, scientific, philosophical, autobiographical. Authors include Thoreau, Emerson, Aldo Leopold, Leslie Marmon Silko, Annie Dillard, Gary Snyder, Jack London, and William Faulkner. (H2, CT)

Offered: First Semester ( Odd Years)

**ENGL 375 - Independent Study (1.0 - 3.0)**

Prerequisites: 6 credits in literature at or above the 200-level and permission of the instructor. Independent work in English, American or world literature. Conferences.

Offered: Either Semester

**ENGL 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**ENGL 399 - Internship in English (3.0 - 15.0)**

Prerequisites: 21 credits in English and permission of the department chair. Supervised off-campus learning in an organization or institution approved by the department for an entire semester or an equivalent summer term. Grading is on a satisfactory/unsatisfactory basis

Offered: Either Semester

**ENGL 340-359 - Writers of Significance (4.0)**

Prerequisites: Junior standing and completion of the Literary Analysis requirement or ENGL 210, ENGL 222 or ENGL 223; or permission of the instructor. May be repeated with different writers. A study of one or more significant writers or a distinct school of writers.

Offered: Both Semesters

**ENGL 400 - Really Old English:Anglo-Saxon Lang/Lit (4.0)**

Prerequisite: Junior or senior standing; 12 credits in literature at the 200-level or above. An introduction to the earliest forms of English language and literature. This course will cover the basic elements of Old English (the oldest form of the language we speak today), and teach students how to read and translate Old English prose and poetry. The course will also explore a range of Anglo-Saxon literature, some in the original language, and some in translation, with an eye to understanding the culture and history of the Anglo-Saxon world. (H1)

Offered: First Semester ( Odd Years)

**ENGL 401 - Pop Culture Theory & Practice (4.0)**

Prerequisites: Junior or senior standing and 9 credits in literature at the 200-level or above. This course explores how "literature" overlaps with "popular culture." We will consider several stories that have captured imaginations across boundaries of time and genre and use cultural theory and literary criticism to examine the conventions, expectations, and possibilities of the different genres and media in which they appear. (CT)

Offered: Second Semester ( Even Years)

**ENGL 405 - The English Language (4.0)**

Prerequisite: Junior or senior standing. Basic linguistic concepts and methodology as applied to the English language—its history, structure, varieties and acquisition. Special emphasis on the social aspects of English.

Offered: First Semester ( Even Years)

**ENGL 410 - Literature for Adolescents (4.0)**

Prerequisite: Junior or senior standing. An overview of literature written for and about adolescents, focusing both on authors and various themes and topics, with an emphasis on contemporary material. (H2)

Offered: Both Semesters

**ENGL 414 - Shakespeare on Film (4.0)**

Prerequisite: Junior or senior standing and ENGL 313 or permission of the instructor. An examination of how directors have adapted Shakespeare's plays to the medium of film. Our work will involve close reading of six plays and analysis of 12 to 15 film versions. Each student will present a seminar paper at the end of the course. (CT)

Offered: Summer Semester ( As Needed)

**ENGL 420 - Advanced Fiction Writing (4.0)**

Prerequisite: Junior or senior standing and ENGL 219 or instructor approval. This advanced fiction workshop intensifies and expands upon the writing and critical reading skills covered in English 219. Students will develop and refine elements in their fiction such as voice, structure, dialogue, setting, and pacing. Also useful for Curriculum and Instruction MA students who are now or will soon be teaching creative writing. (CW)

Offered: Second Semester ( Odd Years)

**ENGL 421 - Advanced Poetry Writing (4.0)**

Prerequisites: Junior or senior standing and Engl 219 or instructor approval. This course follows up the ENGL 219 introductory creative writing course, and is designed for those students who are serious about refining their craft. It is also geared toward those students enrolled in the M.A. program in Curriculum and Instruction who are now or will soon be teaching creative writing. A key difference between ENGL 421/521 and

219 is that this course will be devoted entirely to the writing of poetry. (CW)

Offered: First Semester ( Odd Years)

#### **ENGL 441 - Faulkner and Morrison (4.0)**

Prerequisite: Junior or senior standing and instructor approval. An in-depth study of two writers who embrace language and celebrate the human spirit. Readings may include Faulkner's *The Unvanquished*, *The Sound and the Fury*, *Light in August*, and *Absalom, Absalom!*, as well as Morrison's *The Bluest Eye*, *Sula*, *Beloved*, and *Jazz*. (WS)

Offered: Offered as Needed

#### **ENGL 461 - Family in American Modern Drama (4.0)**

Prerequisite: Junior or senior standing and fulfillment of the Aesthetic Appreciation Literature Core requirement (Offered as needed/4 credits) Domestic Realism constitutes the dominant form in American Drama. This course considers ways in which American playwrights use family relationships to examine social, political metaphysical and aesthetic concerns. Readings include works by O'Neill, Hellman, Miller, Wilson, Norman and Shepard, as well as other playwrights. (H2, G)

Offered: Offered as Needed

#### **ENHN 463 - International Currents in Modern Fiction (4.0)**

Prerequisite: Open to juniors or seniors in the Honors Program or with permission of the instructor. Considers recent global fiction that transcends boundaries of nation and language. Raises questions about race, gender, religion, political allegiance, violence, memory, history, and East/West relations. Authors may include Achebe, Gordimer, Salih, Endo, Nabokov, Ishiguro, Ondaatje, Roy, Lahiri, Rushdie, and Coetzee. (H2, CT)

Core: Global Perspectives

Offered: First Semester ( Even Years)

#### **ENGL 470 - Seminar (4.0)**

Prerequisites: Junior or senior standing and 9 credits in literature at the 200-level or above. (Both semesters/4 credits) Advanced study in an area of current interest to faculty and students, including an introduction to major schools of contemporary criticism. Juniors and seniors will explore a topic, period, author or question in literary history or theory.

Offered: Both Semesters

#### **ENGL 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. (Both semesters/6 credits) The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

#### **ENGL 500 - Old English:Anglo-Saxon Lang/Lit/Culture (3.0)**

This course will teach you the elements of Old English, the distant ancestor of the language we speak today, which flourished between ca. 500-1100 A.D. By our sixth class meeting, you will be translating Old English. By our fifteenth class meeting, you will be translating complete texts and placing them in the cultural context of Anglo-Saxon England. The work we do in this course will expose you to the very roots of the language and culture that anchored England, and then America.

Offered: First Semester ( Odd Years)

#### **ENGL 501 - Pop Culture Theory & Practice (3.0)**

This course explores how "literature" overlaps with "popular culture." We will consider several stories that have captured imaginations across boundaries of time and genre and use cultural theory and literary criticism to examine the conventions, expectations, and possibilities of the different genres and media in which they appear.

Offered: Second Semester ( Even Years)

#### **ENGL 505 - The English Language (3.0)**

Basic linguistic concepts and methodology as applied to the English language-its history, structure, varieties, and acquisition.

Offered: First Semester ( Even Years)

#### **AREN 508 - Dante and Giotto (3.0)**

An exploration of the poetry of Dante and the painting of Giotto--addressing such topics as their historical perspective, and the spiritual and aesthetic sensibilities evident in their art. The course focuses on *The Divine Comedy* and the Arena Chapel in Padua. (In May, after final exams, students will be offered the opportunity to travel to Italy.)

Offered: Second Semester ( Odd Years)

#### **ENGL 510 - Lit for Adolescents (3.0)**

An overview of literature written for and about adolescents, focusing both on authors and various themes and topics, with an emphasis on contemporary material.

Offered: Both Semesters

#### **ENGL 514 - Shakespeare on Film (3.0)**

An examination of how directors have adapted Shakespeare's plays to the medium of film. Our work will involve close reading of six plays and analysis of 12 to 15 film versions. Each student will present a seminar paper at the end of the course.

Offered: Summer Semester ( As Needed)

#### **ENGL 518 - Chaucer (3.0)**

A study of the selected works of the medieval poet who helped start the tradition of writing poetry and prose in English. The class will focus primarily on *The Canterbury Tales*; it will also introduce students to Middle English, so that the poetry may be appreciated in Chaucer's own language. Special attention will be given to the history and culture of England during Chaucer's lifetime.

Offered: First Semester ( Odd Years)

#### **ENGL 520 - Advanced Fiction Writing (3.0)**

This course is geared toward those students enrolled in the M.S. program in Curriculum and Instruction who are now or will soon be teaching creative writing. This course will be devoted entirely to fiction-writing.

Offered: Second Semester ( Odd Years)

#### **ENGL 521 - Advanced Poetry Writing (3.0)**

This course is geared towards those students enrolled in the M.S. program in Curriculum and Instruction who are now or will soon be teaching creative writing. This course will be devoted entirely to the writing of poetry.

Offered: First Semester ( Odd Years)

**ENGL 541 - Faulkner and Morrison (3.0)**

An in-depth study of two writers who embrace language and celebrate the human spirit. Readings may include Faulkner's *The Unvanquished*, *The Sound and the Fury*, *Light in August*, *As I Lay Dying*, as well as Morrison's *The Bluest Eye*, *Sula*, *The Song of Solomon*, and *Beloved*.

Offered: Offered as Needed

**ENGL 542 - Jane Austen (3.0)**

A close analysis of the art of Jane Austen, emphasizing the resources of her language and her powers of social perception. Reading will include Austen's six completed novels: *Sense and Sensibility*, *Pride and Prejudice*, *Mansfield Park*, *Emma*, *Northanger Abbey*, and *Persuasion*.

Offered: Offered as Needed

**ENGL 544 - Woolf and Forster (3.0)**

An analysis of the lives, art, and ideas of E. M. Forster and Virginia Woolf. Texts may include Forster's *A Room with a View*, *Howard's End*, and *A Passage to India*, and Woolf's *Mrs. Dalloway*, *To the Lighthouse*, and *The Waves*.

Offered: Offered as Needed

**ENGL 546 - Erdrich, Silko, Alexie (3.0)**

A study of three of America's most influential contemporary Native American writers. The class will explore these authors' historic and cultural contexts to some degree. Readings may include Silko's *Ceremony* and *Storyteller*, Erdrich's *Antelope Wife* and *Plague of Doves*, and Alexie's *Indian Killer* and *Flight*.

Offered: Second Semester ( Every 3 Years)

**ENGL 547 - Whitman & Dickinson (3.0)**

This course is an in-depth study of the two most important poets of nineteenth-century America, Walt Whitman and Emily Dickinson. In addition to a close examination of Whitman's antebellum poetry and Civil War work and Dickinson's manuscript fascicles and letters, the course will use recent criticism and biographical sources to help illuminate the works in question.

Offered: Offered as Needed

**ENGL 561 - Family in American Modern Drama (3.0)**

Domestic Realism constitutes the dominant form in American Drama. This course considers ways in which American playwrights use family relationships to examine social, political metaphysical and aesthetic concerns. Readings include works by O'Neill, Hellman, Miller, Wilson, Norman, Shepard as well as other playwrights.

Offered: Offered as Needed

**ENHN 563 - Int Curr Mod Fiction (3.0)**

Considers recent global fiction that transcends boundaries of nation and language. Raises questions about race, gender, religion, political allegiance, violence, memory, history, and East/West relations. Authors may include Achebe, Gordimer, Salih, Endo, Nabokov, Ishiguro, Ondaatje, Roy, Lahiri, Rushdie, and Coetzee. (H2, CT)

Offered: First Semester ( Even Years)

**ENGL 567 - The Modern Temper (3.0)**

Explores British and American modernism before, during, and after the First World War. Focuses on works that reflect and continue to affect Western culture and its sense of the modern. Texts may include poems,

short stories, novels, and memoirs. Authors may include Conrad, Joyce, Eliot, Hemingway, West, Brittain, and Woolf.

Offered: Second Semester ( Even Years)

**ENHN 568 - American Landscapes Env Lit in US (3.0)**

How does the American landscape function in our imagination, our policies, our lives? This reading-intensive course covers a wide range of environmental works: political, scientific, philosophical, autobiographical. Authors include Thoreau, Emerson, Aldo Leopold, Leslie Marmon Silko, Annie Dillard, Gary Snyder, Jack London, and William Faulkner. (H2, CT)

Offered: First Semester ( Odd Years)

**ENGL 570 - Seminar (3.0)**

Advanced study in an area of current interest to faculty and students, including an introduction to major schools of contemporary criticism. A topic, period, author, or question in literary history or theory will be explored.

Offered: Both Semesters

**ENGL 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

## ENSP - ENVIRONMENTAL SCIENCE AND POLICY

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**ENSP 101 - Environmental Problems (3.0)**

An introduction to major environmental issues. Important ecological principles will be presented, and then an interdisciplinary approach will be utilized to analyze the biological, economic, social and political aspects of environmental problems. Topics of study include human population dynamics, air and water pollution, toxic wastes, food production, land use, energy and endangered species.

Core: Scientific Thought-Non-Lab

Offered: Either Semester

**ENSP 102 - Environmental Science Lab (1.0)**

Prerequisites: Concurrent enrollment or credit in ENSP 101 and permission of the program director. Priority will be given to ENSP majors or students who intend to major in ENSP. This is a laboratory designed to introduce students to the hands-on study of environmental issues. Course material will complement that of ENSP 101, Environmental Problems. Students will investigate environmental problems through a variety of means, including experiments, observations, surveys and literature reviews. Topics covered might include human population growth, air and water pollution, energy consumption, food production, attitudes about environmental issues and biodiversity. This course is for students who are majors in or intend to major in Environmental Science and Policy.

Core: Scientific Thought-Lab

Offered: Second Semester

#### **ENSP 103 - Intro to Geographic Information Systems (4.0)**

An introduction to Geographic Information Systems for students of all disciplines. This course will provide a suite of tools for creating, manipulating, analyzing, visualizing, and illustrating spatial data. Concepts presented in lecture will be put into practice through hands-on laboratory exercises utilizing appropriate GIS software. The culmination of the course is the presentation of discipline-specific original research projects employing the methods learned.

Offered: First Semester

#### **ENSP 201 - Contemporary Environ Controversies (3.0)**

A discussion course in which one current environmental controversy is investigated in detail. Past topics have included human population dynamics, water resources and toxic waste disposal, and the environmental consequences of nuclear war. The class visits or invites guest speakers from relevant federal, state and private institutions. Each student selects a facet of the problem under investigation, writes a term paper on that topic and presents an oral summary to the class.

Offered: Offered as Needed

#### **ENSP 210 - Coastal Oceanography (4.0)**

Prerequisite: A 100-level lab science course. This lecture and laboratory course will explore the physics, chemistry, biology and geology of coastal oceans. Such topics as plate tectonics, shoreline geology, seawater chemistry, ocean circulation and sedimentology will be considered in relation to the use and management of coastal resources. Life in the oceans will be investigated, highlighting coastal marine communities, primary production and the use of living marine resources. The course will emphasize laboratory and field investigations that will take place at selected sites along the eastern seaboard of the United States. This course is offered as part of the Coastal Studies Semester.

Offered: First Semester

#### **ENSP 212 - Coastal Community Ecology (4.0)**

Prerequisites: ENSP 101 and ENSP 102, or a 100-level lab science course. In this course you will study the structure and function of Atlantic coastal communities from South Florida to the Chesapeake Bay. The course investigates adjacent aquatic and terrestrial ecosystems and the natural linkages that connect them as large-scale hydroscares. Case studies of resource management issues and human impacts on these communities and their individual populations will be used to exemplify basic ecological concepts. This course emphasizes laboratory and field investigations that will take place at selected sites along the eastern seaboard of the United States as part of the Coastal Studies Semester.

Offered: First Semester

#### **ENSP 299 - Sp Topics:Environmental Science & Policy (4.0)**

Prerequisites: ENSP 101 or concurrent enrollment in ENSP 212 and ENSP 210 or permission of instructor. This course addresses topics of special interest in the field of environmental science and policy. Faculty and students will explore a specific issue through readings, lectures, discussion, fieldwork and laboratory activities. The course has both lecture and laboratory/field components.

Offered: Offered as Needed

#### **ESHN 307 - Chesapeake Bay:Human Impact on Nat Sys (4.0)**

Prerequisite: Concurrent enrollment in ENSP 210 and ENSP 212 or permission of instructor. The natural history of the Chesapeake Bay region will be examined in the context of society's exploitation of a natural system. Scientific topics will be combined with historical, sociological, and economic perspectives to form a coherent portrait of the interplay between society and the environment.

Offered: Offered as Needed

#### **ENSP 370 - Coastal Studies Practicum (2.0)**

Prerequisites: Concurrent enrollment in ENSP 212 and ENSP 210 or permission of instructor. The origins and answers to coastal environmental problems are found by studying the interplay among science, technology, society, and culture of the region. Working as a team, students will work collaboratively to define a coastal issue facing mid-Atlantic communities. Past topics include the sources and impact of untreated sewage effluent, the effects of marine debris on public beaches, and the importance of abandoned fishing gear. They will design a multidisciplinary study that addresses that issue from several perspectives. Working in teams, students will collect information, synthesize the material and provide their results and interpretations in both a written report and oral presentation. This course is offered as part of the Coastal Studies Semester.

Offered: First Semester

#### **ENSP 375 - Independent Study (1.0 - 3.0)**

Laboratory, library or field investigation of an environmental problem. Selection of topic, preparation of research plan and evaluation of results are guided by means of weekly conferences with the instructor.

Offered: Either Semester

#### **ENSP 380 - Coastal Studies Field Experience (3.0)**

Prerequisites: ENSP 210, ENSP 212, or permission of instructor. Through travel to distant field sites, students will be immersed in the environmental issues of a particular coastal location. Environmental topics will be studied within the framework of the natural, historical, social, and cultural milieu found in the locale visited. Students will be involved in fieldwork, readings and discussions with local constituencies to develop a holistic view of the development, impacts and possible avenues of resolution for contemporary coastal environmental issues. This course is offered as part of the Coastal Studies minor.

Offered: First Semester

#### **ENSP 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

#### **ENSP 399 - Internship (3.0 - 15.0)**

Students work at off-campus sites with environmentally concerned government agencies; legislators; or nongovernmental organizations at local, state, regional and national levels. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**ENSP 403 - Pollution Biology (3.0)**

Prerequisites: Junior standing, ENSP 101, ENSP 102 and one 300-level BIOL course for undergraduates. Examines sources, fates and biological effects of environmental pollutants. Topics covered include: air, water and soil pollution; techniques for monitoring and evaluating pollution effects; and pollution control technologies. Factors leading to global climate change will be examined in depth. The social, economic, and political issues surrounding pollution problems are all examined.

Offered: Second Semester

**ENSP 407 - Natural Resource Mgt (3.0)**

Prerequisites: ENSP 101, ENSP 102, BIOL 201 and one 300-level BIOL course for undergraduates; ENV 501 and 502 for graduate students; or permission of the instructor. Introduces students to the basic biological and ecological principles of natural resource management and the complexities of applying these principles to real-world problems. Quantitative and qualitative techniques are used to analyze ecosystems in an integrated fashion that combines biological, economic and political considerations. The impact of climate change on management plans is also considered.

Offered: Second Semester

**ENSP 411 - Conservation Biology (3.0)**

Prerequisites: A grade of C or better in BIOL 338 for undergraduates; ENV 501 and 502 for graduate students; or permission of the instructor. Examines the critical problems of maintaining, enhancing and restoring biological diversity. Principles of ecology, population biology, genetics and modeling are applied to the conservation of rare species and endangered ecosystems. Topics include international trade in wildlife, ethnobotany, ecological restoration, conservation ethics, natural resource economics, conservation genetics and ecotourism.

Offered: Second Semester

**ENSP 470 - Seminar: Environmental Impact Analysis (3.0)**

Prerequisite: Senior major status, or permission of the instructor. This multi-disciplinary course introduces advanced students to the natural and social science methodologies used when preparing environmental impact assessments. Students will then apply those techniques in the analysis of a contemporary environmental situation. They will analyze and interpret scientific, economic, social and political data, and collaboratively develop and evaluate alternative courses of action. Finally, they will make a formal presentation of the seminar's findings to a knowledgeable audience.

Offered: First Semester

**ENSP 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. (Both semesters/6 credits) The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

## ENV - ENVIRONMENTAL BIOLOGY

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**ENV 501 - Intro to Environmental Biology (3.0)**

Introduces principles of environmental biology with an in-depth analysis of biological and social variables associated with environmental issues. Energy, natural resource use, population dynamics and technological developments are examined in the context of ecological systems. Emphasis is on global climate change, and its effects are related to the concepts in environmental biology.

Offered: First Semester

**ENV 502 - Principles of Ecology (3.0)**

Analyzes interactions between organisms and the environment. A quantitative approach will be used to examine population dynamics, community interactions, and ecosystem processes. The application of modern ecological theory to current environmental problems is emphasized including the observed and anticipated ecological impacts of global climate change.

Offered: First Semester

**ENV 503 - Pollution Biology (3.0)**

Prerequisites: Completion of or concurrent enrollment in ENV 501 or permission of instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Examines sources, fates and biological effects of environmental pollutants. Topics covered include: air, water and soil pollution; techniques for monitoring and evaluating pollution effects; and pollution control technologies. Factors leading to global climate change will be examined in depth. The social, economic, and political issues surrounding pollution problems are all examined.

Offered: Second Semester

**ENV 505 - Biostatistics (3.0)**

Introduces statistical methods used in biological research. Topics include sampling methods, frequency distributions, descriptive statistics, hypothesis testing, probability, and both parametric and non-parametric tests. A statistical software package is introduced in laboratory exercises. Statistical problems involving global climate change are used throughout the semester.

Offered: Second Semester

**ENV 506 - Environmental Microbiology (3.0)**

Prerequisites: ENV 501 and ENV 502, or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Examines the applied effects of microorganisms on the environment and on human activity, health and welfare. Topics include basic biology, ecology and history of the archaea, bacteria, protista, algae, and fungi with special attention given to their environmental

relationships. Emphasis is on ecological interactions among microbes, between microbes and plants and between microbes and animals.

Offered: First Semester ( Odd Years)

#### **ENV 507 - Natural Resource Management (3.0)**

Prerequisites: ENV 501 and ENV 502, or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Introduces students to the basic biological and ecological principles of natural resource management and the complexities of applying these principles to real-world problems. Quantitative and qualitative techniques are used to analyze ecosystems in an integrated fashion that combines biological, economic and political considerations. The impact of climate change on management plans is also considered

Offered: Second Semester

#### **ENV 509 - Ecological Invasions/Biological Control (3.0)**

Prerequisites: ENV 501 and ENV 502. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Investigates invasions by exotic plants and animals throughout the world. Invasions are examined from the perspective of the invading species and from the community being invaded. The potential for controlling these exotic species with biological control agents will be evaluated, and biological control will be compared with other potential control methods.

Offered: Second Semester ( Odd Years)

#### **ENV 511 - Conservation Biology (3.0)**

Prerequisites: ENV 501 and ENV 502, or permission of instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Examines the critical problems of maintaining, enhancing and restoring biological diversity. Principles of ecology, population biology, genetics and modeling are applied to the conservation of rare species and endangered ecosystems. Topics include international trade in wildlife, ethnobotany, ecological restoration, conservation ethics, natural resource economics, conservation genetics and ecotourism.

Offered: Second Semester

#### **ENV 512 - Insect Ecology (3.0)**

Prerequisites: ENV 501 and ENV 502 or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Introduces advanced topics in insect ecology. A broad overview of the major insect orders and their development will be covered. Topics

include distribution patterns, diversity, co-evolution, and interactions in insect communities as they relate to each other and other organisms.

Offered: Summer Semester

#### **ENV 513 - Marine Ecology (3.0)**

Prerequisites: ENV 501 and ENV 502, or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Explores the ecology of marine and estuarine systems, including the plankton, rocky shores, soft-sediment bottoms, seagrass beds, salt marshes and coral reefs. Planktonic and benthic processes will receive equal emphasis. Applied topics in fisheries management and in human impacts on marine environments will be introduced.

Offered: First Semester ( Even Years)

#### **ENV 514 - Comparative Animal Physiology (3.0)**

Prerequisites: ENV 501 and ENV 502 or permission of the instructor. This course explores the physiological adaptations of both vertebrate and invertebrate animals, with particular emphasis on the evolutionary origins and ecological significance of these adaptations. Physiological processes will be discussed from both qualitative and quantitative viewpoints at multiple levels of biological organization.

Offered: Second Semester ( As Needed)

#### **ENV 515 - Research Design & Data Analysis (3.0)**

Prerequisites: ENV 505, completion of 15 credits of required courses in the ENV program and at least a 3.0 Grade Point Average, or permission of the instructor. Introduces computational techniques of multiple linear regression, logistic regression, chi-square, and nonparametric multivariate analysis. Methods to optimize study design are stressed. Extensive use of a statistical software package will be used. The ability to develop and critically evaluate research proposals in environmental biology will be developed.

Offered: First Semester

#### **ENV 522A - Sampling Methods Aquatic Ecosystems (1.0)**

Prerequisite: ENV 502 or permission of the instructor. Students will learn and practice commonly-used aquatic sampling methodologies as well as be introduced to procedures for the analysis of field-collected data. Practical experience will be gained in the methods employed for qualitatively and quantitatively evaluating a wide range of aquatic habitats.

Offered: Summer Semester ( As Needed)

#### **ENV 522B - Sampling Methods in Animal Ecology (1.0)**

Prerequisite: ENV 502 or permission of the instructor. This course provides an overview of methods employed in the collection and analysis information regarding terrestrial animal populations. In addition, it will provide practical experience in the techniques necessary for qualitatively and quantitatively evaluating the physical, chemical and biological parameters within these systems.

Offered: Offered as Needed

**ENV 522C - Sampling Methods in Vegetation Science (1.0)**

Prerequisite: ENV 502 or permission of the instructor. This course provides an overview of standard procedures used for data collection and analysis in terrestrial plant communities. In addition it will provide practical experience in the methods employed for qualitatively and quantitatively evaluating the physical, chemical and biological parameters within these systems.

Offered: Summer Semester ( As Needed)

**ENV 522D - Sampling Methods for Terrestrial Insects (1.0)**

Prerequisites: ENV 502 or permission of the Instructor Introduces standard procedures used for data collection and analysis of terrestrial insect communities. Through field work, students will learn how to sample insects in a broad range of categories from litter communities to aerial species, in addition to qualitatively and quantitatively evaluating insects in these same systems.

Offered: Summer Semester ( Odd Years)

**ENV 524A - Identification of Local Woody Vegetation (1.0)**

Prerequisite: ENV 502 or permission of the instructor. An introduction to the taxonomy and identification of woody vegetation of the Maryland region. Habitat preferences, natural history and methods of collection in preservation also will be covered.

Offered: Offered as Needed

**ENV 524B - Aquatic Macroinvertebrate Identification (1.0)**

Prerequisite: ENV 502 or ENV 503, or permission of the instructor. An introduction to the use of taxonomic keys for the identification of freshwater macroinvertebrates. Insect morphology and development will also be reviewed. Field trips will provide opportunities to observe ecological adaptations and to collect specimens.

Offered: Offered as Needed

**ENV 524C - Algal Systematics/Experimental Methods (1.0)**

Prerequisite: ENV 502 or permission of the instructor. An introduction to the classification and identification of algae including freshwater, estuarine and marine phytoplankton and macroalgae. The identification of algae will be considered within the context of environmental functions and human significance. Class field trips will provide an opportunity for students to relate algal diversity to habitat.

Offered: Offered as Needed

**ENV 524D - Regional Vertebrate Biodiversity (1.0)**

Prerequisite: ENV 502 or permission of the instructor. Introduces collection techniques, identification and natural history of Maryland vertebrates. Field exercises will provide opportunities to observe and collect these organisms in their respective habitats. Ecological adaptations, physiographic distribution and economic importance of selected vertebrates will be covered.

Offered: Offered as Needed

**ENV 524E - Terrestrial Insect Identification (1.0)**

Prerequisites: ENV 502 or permission of the instructor. Introduces the classification and identification of major insect orders and families found in Maryland. Identification will be considered within the context of ecological functions, economic importance and human significance. In lieu of a final exam, students are required to submit an insect collection

either by enrolling concurrently in ENV522D or by other independent efforts.

Offered: Offered as Needed

**ENV 526A - Genetic Methods Studying Ind in Pop (1.0)**

Prerequisite: ENV 502 or permission of the instructor. Uses molecular genetics to address questions at the level of individuals within populations. Topics include evolutionary forces affecting genetic variation within populations and how variation can be used to determine individual identity, parentage and other degrees of relatedness between individuals. Molecular techniques that are useful to conservation biology and behavioral ecology will be introduced as well.

Offered: Offered as Needed

**ENV 526B - Genetic Methods Populations & Species (1.0)**

Prerequisite: ENV 502 or permission of the instructor. Examines genetic variation as the raw material of evolutionary processes and as a tool for assessing evolutionary history of populations or species. The use of molecular data in determining the relationships among species will also be discussed. Molecular techniques that are useful to conservation will also be introduced in the laboratory.

Offered: Offered as Needed

**ENV 526F - Modeling Structured Populations (1.0)**

Prerequisite: ENV 502 or permission of the instructor. Introduces the modeling of populations. Deterministic and stochastic models will be used to assess variability in demographic parameters. Several aspects of population structure will be considered, including age, stage, genetic and spatial structure. Topics include population dynamics, regulation and harvesting; metapopulation structure; conservation genetics; risk assessment; and population viability analysis

Offered: Offered as Needed

**ENV 526G - Introduction to GIS Mapping (1.0)**

Prerequisite: ENV 502 or permission of the instructor. Introduces information systems, georeferenced data, and vector-based versus raster-based GIS. The course focuses on basic principles of map design and digital cartography, including scale, projection, and symbolization and generalization of geometry and content. Lectures complement intensive, hands-on use of the ArcGIS software package through in-class and homework tutorials and challenge exercises.

Offered: Either Semester ( As Needed)

**ENV 526H - Introduction to GIS Analysis (1.0)**

Prerequisites: ENV 502 and ENV 526G, or permission of instructor Introduces advanced GIS analysis. Topics include the statistical and scientific principles that underlie the measurement of geographic distributions, the identification of geographic patterns and clusters, and the analysis of geographic relationships. Advanced applications in the ArcGIS software package are covered through in-class and homework tutorials and challenge exercises.

Offered: Either Semester ( As Needed)

**ENV 526I - Introduction to Remote Sensing (1.0)**

Prerequisites: ENV 502 and ENV 526G or permission of the instructor. ENV 526 is strongly recommended. Introduces remotely sensed data and how it can be used to address environmental questions. Lectures

complement intensive, hands-on use of the IDIRSI and ArcGIS software packages.

Offered: Either Semester ( As Needed)

#### **ENV 528A - Introduction to Aquaculture (1.0)**

Prerequisite: ENV 502 or permission of the instructor. Examines the major types of aquacultural production including ponds, cage culture, raceways and recirculation systems. The critical role water quality testing and management play in the growth and survival of aquaculture crops will be stressed. There will be several field trips to commercial aquaculture facilities and hands-on activities including water quality testing and assembling a demonstration recirculation unit.

Offered: Offered as Needed

#### **ENV 541 - Behavioral Ecology (3.0)**

Prerequisites: ENV 501 and ENV 502 or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Introduces students to principles of behavioral ecology. Focus is on the role of natural selection in the evolution of intra- and interspecific behaviors. Topics include foraging, predator-prey relationships, habitat utilization, sociality and kinship, sexual selection and parental investment.

Offered: Summer Semester ( As Needed)

#### **ENV 550 - Current Topics in Environmental Bio (3.0)**

Prerequisites: ENV 501 and ENV 502, or permission of the instructor. Examines current or emerging issues of environmental concern. Relevant current literature including environmental journals, environmental impact statements, recent interdisciplinary reference works and news media information will be studied and discussed in making cause-and-effect analysis of selected issues.

Offered: Offered as Needed

#### **ENV 550G - Tpc:Environmental History (3.0)**

This course explores the interrelationships between ecology and history. How can we decipher the history of ecosystems? How is this history critical to the structure of the current landscape? How does this ecological history relate to cultural history? We will consider all of these topics, using examples from the local region as well as from biomes around the world. Students will do a project on an area of their choice, tracing its ecological history and relating this history to the current landscape.

Offered: Offered as Needed

#### **ENV 550I - Landscape Ecology (3.0)**

Prerequisite: ENV 501 AND ENV 526G or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. This course will provide a comprehensive introduction to the rapidly developing science of Landscape Ecology. Studying ecological processes at large spatial scales has been facilitated by the development of

Geographical Information Systems (GIS) and more specialized computer programs. This course will provide an opportunity to develop ArcViewGIS skills and gain experience in analyzing spatial environmental and ecological data. There will be an emphasis on practical learning through laboratory exercises and coursework.

Offered: Offered as Needed

#### **ENV 551 - Plant Ecology (3.0)**

Prerequisites: ENV 501 and ENV 502, or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Analyzes how environmental fluctuations impact plant populations, along with current problems in plant ecology. Topics include the vital processes of plants, the effects of environmental factors on their metabolism and energy transformations and their ability to adapt to these factors.

Offered: Second Semester ( Odd Years)

#### **ENV 563 - Freshwater Ecology (3.0)**

Prerequisites: ENV 501 and ENV 502, or permission of the instructor. Explores physical, chemical and biological aspects of lakes and streams. Aquatic organisms are surveyed along with their interrelationships and the physical and chemical components of the aquatic environment controlling their distribution and abundance. Productivity, energy flow and nutrient cycles are also discussed. Sampling and analysis techniques are described

Offered: Second Semester ( Even Years)

#### **ENV 564 - Environmental Toxicology (3.0)**

Prerequisites: ENV 501, ENV 502 and ENV 503, or permission of the instructor. Introduction to the principles of pharmacology and pathology that apply to mammalian toxicology. Emphasis will be on basic concepts of toxin/drug response, uptake, distribution and metabolism in mammalian systems. Other major environmental topics to be considered are pathology, mutagenesis, carcinogenesis, teratogenicity and pharmacogenetics.

Offered: First Semester ( Odd Years)

#### **ENV 565 - Environmental Toxicology Lab (1.0)**

Prerequisites: ENV 564 or permission of the Instructor. Focuses on laboratory-based environmental toxicology and the requirements of the EPA National Pollutant Discharge Elimination System (NPDES) Program. Students will follow EPA guidance on the requirements for sampling, toxicity assays, statistical analysis and report writing. Students will also evaluate assays and draw appropriate conclusions.

Offered: Summer Semester ( As Needed)

#### **ENV 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**ENV 577 - Climate Change (3.0)**

Prerequisite: Concurrent enrollment in or successful completion of all ENV core courses, ENV 501, ENV 502, ENV 503, ENV 505 ENV 507, and at least one 1-credit ENV course, or permission of instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. Integrates several core areas in the field of environmental biology and applies them to current issues in global climate change. Students will apply principles of adaptation, ecology, pollution biology, statistics, and resource management to current developments in the field. Topics include recent climate-change data, vulnerability, adaptation, mitigation, and methodological approaches.

Offered: Second Semester ( Odd Years)

**ENV 578 - Climate Change Capstone (3.0)**

Prerequisites: Concurrent enrollment or successful completion of 30 ENV credits, including all core courses: ENV 501, ENV 502, ENV 503, ENV 505 and ENV 507 and at least one 1-credit ENV course, or permission of the instructor. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. The final programmatic requirement for ENV students in the Non-Research Track, Capstone Option; requires successful completion of a comprehensive final exam. This course integrates the core areas of environmental biology as they relate to global climate change. Students will apply principles of adaptation, ecology, pollution biology, statistics, and resource management to climate-change data, vulnerability, adaptation, mitigation, and methodological approaches.

Offered: Second Semester ( Odd Years)

**ENV 579 - Independent Research Project (3.0)**

Prerequisites: All required and four elective courses. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. The student must collect and analyze data that address a specific hypothesis. A written proposal must be submitted to a faculty adviser prior to the student's enrolling and a final written report is due to the adviser at the end of the project.

Offered: Either Semester

**ENV 580 - Master's Thesis Preparation (6.0)**

Offered: Either Semester

**ENV 591 - Internship in Environmental Biology (3.0)**

Prerequisites: Successful completion of at least 21 ENV credits. Students opting for the non-research option within the ENV program are eligible for internship credit as a capstone experience. This course cannot be taken for elective credit. This course is available as an elective for the GIS-ENV Certificate. It is the student's responsibility to inform the instructor

that this course will count toward the GIS-ENV Certificate by the drop/add deadline each semester, so that GIS-focused assessments can be completed. Once a student declares the GIS option, the course cannot revert to the non-GIS version. On-site training in environmental biology with a cooperating organization. Interns gain practical, on-the-job skills and experience in environmental biology with an industry, consulting firm, unit of government, government agency, or non-profit organization. An individualized project must be conducted by the student under the direct guidance of a senior level scientist at the cooperating organization.

Offered: Either Semester

**ENV 599 - Special Topics (6.0)**

The content and methods depend upon the interests of the faculty and students. (1-6 credits)

Offered: Offered as Needed

## FL - FOREIGN LITERATURE

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**FLLS 250 - Testimonial Narratives in the Americas (3.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139 (Offered as needed/3 credits) This course focuses mainly on literary works that deal with trauma and memory in the US and Latin America. From testimonios to novels, attention will be given to problems of representation, marginality practices of censorship, repression and border conflicts.

Core: Literature

Offered: Offered as Needed

**FL 350 - International Themes Western Lit (3.0)**

Prerequisite: Open to juniors and seniors, or by permission of the chair of the Foreign Languages and Literatures Department. A study of selected topics in representative works of literature from Europe and Latin America in English translation. New topic every time the course is offered.

Offered: Offered as Needed

**FL 351 - International Themes Non-Western Lit (3.0)**

Prerequisite: Open to juniors and seniors, or by permission of the chair of the Foreign Languages and Literature Department. A study of selected topics in representative works of literature from non-Western cultures in English translation. New topic every time the course is offered.

Offered: Offered as Needed

**FL 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**FL 550 - International Themes Western Lit (3.0)**

A study of selected topics in representative works of literature from Europe and Latin America in English translation. New topic every time the course is offered.

Offered: Offered as Needed

**FL 551 - International Themes Non-Western Lit (3.0)**

A study of selected topics in representative works of literature from non-Western cultures in English translation. New topic every time the course is offered.

Offered: Offered as Needed

## FREN - FRENCH

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All courses are conducted in French. Students must earn a grade of "C" or better in the previous course in order to enroll in any 200-level course.

**FREN 101 - Elementary French I (4.0)**

Development of the basic language skills: listening, speaking, reading and writing. Special emphasis on aural-oral proficiency.

Core: Foundations/Foreign Language

Offered: First Semester

**FREN 102 - Elementary French II (4.0)**

Prerequisite: FREN 101 or permission of the department chair. Credit by exam. Continuation of 101.

Core: Foundations/Foreign Language

Offered: Second Semester

**FREN 103 - Intermediate French I (3.0)**

Prerequisite: FREN 102 or satisfactory performance in placement examination or permission of the department chair. Credit by exam. Further development of language skills with emphasis on reading and oral participation.

Core: Foundations/Foreign Language

Offered: First Semester

**FREN 104 - Intermediate French II (3.0)**

Prerequisite: FREN 103 or permission of the department chair. Credit by exam. Continuation of FREN 103.

Offered: Second Semester

**FREN 105 - French Conversation (1.0)**

Prerequisite: FREN 102, exemption by exam or permission of department. A one-credit conversation course conducted in the language houses and designed to develop oral skills. Weekly discussions based on readings of cultural or current topics. Final grade based exclusively on attendance and participation. May be repeated.

Offered: Both Semesters

**FREN 203 - French Conversation & Composition (4.0)**

Prerequisite: FREN 104 or satisfactory performance in placement exam or permission of the department chair. Credit by exam. Concentration on writing, conversation and structural difficulties. Reading and discussion of cultural material of an interdisciplinary nature.

Offered: First Semester

**FREN 204 - French Culture and Civilization (3.0)**

Prerequisite: FREN 203 or permission of the department chair. Introduction to French civilization: study of the cultural features of the

French language and the social, cultural and intellectual life of the French-speaking people. Discussion and weekly written assignments.

Offered: Second Semester

**FREN 207 - Cultural Perspectives on Fren Lit I (3.0)**

Prerequisite: FREN 104 or permission of the department chair. An introductory course that analyzes literary genres and examines major French texts from the Middle Ages to the French Revolution. Illustrated lectures, films and selected documents of and on the period will provide the cultural background required to understand the texts and connect them to social, philosophical and aesthetic movements.

Core: Global Persp & Literature

Offered: First Semester

**FREN 208 - Introduction to French LiteratureII (3.0)**

Prerequisite: FREN 207 or permission of the department chair. An introductory course that analyzes literature genres and examines major French texts from 1800 to the present. Illustrated lectures, films and selected documents of the period will provide the cultural background required to understand the texts and connect them to social, philosophical and aesthetic movements.

Core: Literature

Offered: Second Semester

**FREN 230 - Phonetics and Diction (3.0)**

Prerequisite: FREN 104 or permission of the department chair. Study of the basic phonological structure of French. Transcription practice; corrective drill in pronunciation, rhythm, intonation; and practice in the oral interpretation of French prose, poetry and drama. Analysis of tape recordings: examples of regional accents and other aspects of the spoken language.

Offered: Offered as Needed

**FREN 300 - Science and Fiction (3.0)**

Prerequisites: FREN 207 or FREN 208 or permission of department chair. We will examine the relationship between the sciences and the arts from the late 19th to the late 20th centuries. We will consider how the term "science-fiction" (a term of French origin) is fundamental to cultural and artistic development of the modern era. Topics of discussion will include the impact of psychoanalysis and sociology.

Offered: Offered as Needed

**FREN 310 - Le Roman d'initiation (3.0)**

Prerequisite: FREN 207 or FREN 208 or permission of the department chair. This course examines the genre of the "roman d'initiation," or novels whose primary concern is the emotional, social, intellectual and sexual maturation of a young protagonist. By studying this theme and analyzing its psychological and social contexts, we will attempt to define the genre and explain its prevalence in modern French fiction.

Core: Global Perspectives

Offered: Offered as Needed

**FREN 313 - Gender & Gaze in Modern Fr Lit Film (3.0)**

Prerequisite: FREN 207 or FREN 208 or permission of the department chair. How do women and men see each other? Is the literary gaze inevitably marked by gender? This course will analyze the implications of the gaze in modern French literature and cinema. Works studied will include French and Francophone novels, poetry, theater and film.

Offered: Offered as Needed

**FREN 314 - Refinement Politeness & Social Beh (3.0)**

Prerequisite: FREN 207 or FREN 208 or permission of the department chair. We will define what makes refinement, politeness and the art of living one of the major stereotypes when speaking about French culture. Through the literature and the culture of seven centuries of French history, we will evaluate the importance of language from 1100 to 1800 in the creation of an ideal of social behavior.

Core: Global Perspectives

Offered: Offered as Needed

**FREN 317 - Parlez moi d'amour Love in Fr Cult (3.0)**

Prerequisite: FREN 207 or FREN 208 or permission of the department chair. This course will define and evaluate the convention that has created the myth of romance within French culture. The French, during their history, stylized love; they believe in this mental creation and force themselves to live passion in this poetic way.

Offered: Second Semester ( As Needed)

**FREN 318 - Advanced Composition & Translation (3.0)**

Prerequisites: FREN 204 and at least 6 additional credits of 200-level French or permission of the department chair. Development of proficiency in writing French, with emphasis on the contrastive aspects of English and French structure. Special attention is given to style and to the idiomatic use of language. Introduction to translation techniques. Weekly compositions or translations will enhance student skill in these areas.

Offered: Second Semester ( As Needed)

**FREN 320 - Francophone Women Writers (3.0)**

Prerequisite: FREN 207 or FREN 208 or permission of the department chair. Students will examine works by contemporary women writers from the French-speaking world, including North Africa, sub-Saharan Africa, the Caribbean and North America, and consider how questions of gender and race are experienced and expressed by these women. Topics of discussion will include marriage and polygamy, slavery, and racial difference.

Offered: Offered as Needed

**FREN 321 - Masque et illusion dans la France (3.0)**

Prerequisite: FREN 207 or FREN 208 or permission of department chair. We will examine the concepts of illusion and the role of the mask in early modern France as an aesthetic of the ephemeral and diverse nature of humankind. Topics of discussion will include the definition of the "Baroque," political and religious propaganda, concepts of spectacle and the spectacular, the fairy tale and sexual ambiguity.

Offered: Second Semester ( As Needed)

**FREN 322 - Ecrivains derriere la camera (3.0)**

Prerequisites: FREN 207 or FREN 208 or satisfactory performance in placement examinations or permission of the instructor or department chair. Very early in the 20th century, a new form of expression fascinated writers: cinema. In this class the student will analyze and interpret the different relationships that exist between an author (Breton, Cocteau, Prévert, Duras, Robbe-Grillet) and the way he/she attempted to reproduce it in his/her film.

Offered: Offered as Needed

**FREN 323 - Modern Family in France (3.0)**

Prerequisites: FREN 207 or FREN 208 or permission of instructor The modern nuclear family may seem universal to us today, but in fact it is a fairly recent idea that sprang from the age of Enlightenment. Through the works of authors such as Rousseau and Balzac, and critical perspectives from sociology and art history, we will explore the origin of the modern family and its implications in modern France.

Offered: First Semester ( As Needed)

**FREN 335 - Teaching Assistantship in French (1.0 - 3.0)**

An opportunity for qualified seniors to conduct practice sessions, tutor students and/or administer examinations in specified 100- and 200-level courses. Students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**FREN 375 - Independent Study in French (1.0 - 3.0)**

Prerequisites: Permission of the instructor and the department chair. Study of a selected subject. Conferences and reports.

Offered: Either Semester

**FREN 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**FREN 399 - Internship in French (3.0 - 9.0)**

Prerequisite: Open to junior and senior majors with permission of the department chair. Supervised work in a governmental or international agency, in industry or other appropriate settings involving French-speaking people. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**FREN 470 - Seminar (3.0)**

Prerequisites: 12 credits in French above the the intermediate level. An in-depth study of a subject selected according to the special interests of the students and of the faculty.

Offered: Offered as Needed

**FREN 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**FREN 510 - Le Roman d'initiation (3.0)**

Prerequisites: 5 courses in French at the 200 level or above, or departmental approval. This course examines the genre of the "roman d'initiation," or novels whose primary concern is the emotional, social, intellectual and sexual maturation of a young protagonist. By studying this theme and analyzing its psychological and social contexts, we will attempt to define the genre and explain its prevalence in modern French fiction.

Offered: Offered as Needed

**FREN 513 - Gender & Gaze: Modern French Lit/Film (3.0)**

Prerequisites: 5 courses in French at the 200 level or above, or departmental approval. How do women and men see each other? Is the literary gaze inevitably marked by gender? This course will analyze the implications of the gaze in modern French literature and cinema. Works studied will include French and Francophone novels, poetry, theater, and film.

Offered: Offered as Needed

**FREN 514 - Refinement, Politeness & Social Behavior (3.0)**

Prerequisites: 5 courses in French at the 200 level or above, or departmental approval. We will define what makes refinement, politeness and the art of living one of the major stereotypes when speaking about French culture. Through the literature and the culture of seven centuries of French history, we will evaluate the importance of language from 1100 to 1800 in the creation of an ideal of social behavior.

Offered: Offered as Needed

**FREN 517 - Parlez moi d'amour: Love in French Culture (3.0)**

Prerequisites: 5 courses in French at the 200 level or above, or departmental approval. This course will define and evaluate the convention that has created the myth of romance within French culture. The French, during their history, stylized love; they believe in this mental creation and force themselves to live passion in this poetic way.

Offered: Second Semester (As Needed)

**FREN 518 - Advanced Composition & Translation (3.0)**

Prerequisites: 5 courses in French at the 200 level or above, or departmental approval. Development of proficiency in writing French, with emphasis on the contrastive aspects of English and French structure. Special attention is given to style and to the idiomatic use of language. Introduction to translation techniques. Weekly compositions or translation will enhance student skill in these areas.

Offered: Second Semester (As Needed)

**FREN 520 - Francophone Women Writers (3.0)**

Prerequisites: 5 courses in French at the 200 level or above, or departmental approval. Students will examine works by contemporary women writers from the French-speaking world, including North Africa, sub-Saharan Africa, the Caribbean and North America, and consider how questions of gender and race are experienced and expressed by these women. Topics of discussion will include marriage and polygamy, slavery, and racial difference.

Offered: Offered as Needed

**FREN 522 - Ecrivains derrière la caméra (3.0)**

Very early in the twentieth century, a new form of expression fascinated writers: cinema. In this class the student will analyze and interpret the different relationships that exist between an author (Breton, Cocteau, Prévert, Duras, Robbe-Grillet) and the way he/she attempted to reproduce it in his/her film

Offered: Offered as Needed

**FREN 570 - Seminar (3.0)**

Prerequisites: 5 courses in French at the 200 level or above, or departmental approval. An in-depth study of a subject selected according to the special interests of the students and of the faculty.

Offered: Offered as Needed

**FREN 590 - Teaching Assistantship in French (1.0 - 3.0)**

Prerequisites: Open to graduate students enrolled in the Master in Humanities program who have completed five courses in French at the 200 level or above. Departmental permission required. A teaching practicum for advanced French students with regularly scheduled hours assisting in selected lower-level French courses. Hours will include regular consultations with course instructor regarding teaching experiences, methods, and content. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

## FYS - FIRST YEAR SEMINAR

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**FYS 101 - First-Year Seminar (3.0)**

Taught on a variety of topics, these interdisciplinary seminars focus on cultivating student skills in reading, writing, critical thinking, oral presentations and information literacy in a small-group setting.

Offered: First Semester

**FYS 335 - FYS Teaching Assistantship (2.0)**

Prerequisite: By invitation of the supervising FYS faculty. Student teaching assistants work under the supervision of FYS faculty and are selected by the faculty. They will attend FYS classes and model good academic behavior, help to facilitate discussion, work closely with FYS faculty in and out of the classroom, and serve as a peer mentor and tutor to FYS students and a liaison between FYS faculty and students.

Offered: First Semester

## GEOG - GEOGRAPHY

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**GEOG 101 - Cultural Geography (3.0)**

General survey of the fundamental concepts and principles of human geography. Primary emphasis will be on the analysis and interpretation of the relationships between human beings and their environment.

Core: Global Perspectives

Offered: First Semester

## GER - GERMAN

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All courses are conducted in German. One advanced level German course is offered each semester. Students must earn a grade of "C" or better in the previous course in order to enroll in any 200-level course.

**GER 101 - Elementary German I (4.0)**

Development of the basic language skills: listening, speaking, reading and writing. Special emphasis on aural-oral proficiency.

Core: Foundations/Foreign Language

Offered: First Semester

**GER 102 - Elementary German II (4.0)**

Prerequisite: GER 101 or permission of the department chair. Credit by exam. Continuation of 101.

Core: Foundations/Foreign Language

Offered: Second Semester

**GER 103 - Intermediate German I (3.0)**

Prerequisite: GER 102 or satisfactory performance on placement examination or permission of department chair. Use of language laboratory. Credit by exam. Further development of language skills with emphasis on reading and oral participation.

Core: Foundations/Foreign Language

Offered: First Semester

**GER 104 - Intermediate German II (3.0)**

Prerequisite: GER 103 or permission of department chair. Use of language laboratory. Credit by exam. Continuation of GER 103.

Offered: Second Semester

**GER 105 - German Conversation (1.0)**

Prerequisite: GER 102, exemption by exam or permission of department. A one-credit conversation course conducted in the language houses and designed to develop oral skills. Weekly discussions based on readings of cultural or current topics. Final grade based exclusively on attendance and participation. May be repeated.

Offered: Both Semesters

**GER 203 - German Conversation & Composition (4.0)**

Prerequisite: GER 104 or satisfactory performance in placement exam or permission of department chair. Credit by exam. Concentration on writing, conversation and structural difficulties. Reading and discussion of cultural materials of an interdisciplinary nature. Weekly written compositions.

Offered: First Semester ( Odd Years)

**GER 204 - German Culture and Civilization (3.0)**

Prerequisite: GER 104 or permission of the department chair. Introduction to German civilization: study of the cultural features of the German language and the social, cultural and intellectual life of the German-speaking people. Discussion and weekly written assignments

Offered: First Semester ( Even Years)

**GER 207 - Cultural Perspectives on Ger Lit I (3.0)**

Prerequisite: GER 104 or permission of the department chair. An introductory course that analyzes literature genres and examines major German texts from the Middle Ages to the 18th century. Illustrated lectures, films and selected documents of the periods will provide the cultural background required to understand the texts and connect them to social, philosophical and aesthetic movements.

Core: Literature

Offered: Either Semester

**GER 208 - Introduction to German LiteratureII (3.0)**

Prerequisite: GER 207 or permission of the department chair. An introductory course that analyzes literature genres and examines major German texts from the 18th century to the present. Illustrated lectures, films and selected documents of the period will provide the cultural

background required to understand the texts and connect them to social, philosophical and aesthetic movements.

Core: Literature

Offered: Either Semester

**GER 230 - History of German Language (3.0)**

Prerequisite: GER 207 or GER 208 or permission of department chair. This course introduces basic linguistic concepts and methodology as applied to the German language with emphasis upon its historical and structural development. Students will look at relevant texts, and analyze and translate them, identifying the changes in the German language

Offered: Offered as Needed

**GER 299 - Special Topics (3.0)**

Prerequisite: GER 207 or GER 208 or permission of department chair. A course covering a specific motif, theme, genre or medium reflecting the cultures of the German speaking countries.

Offered: Offered as Needed

**GER 301 - Berlin in the 20th Century (3.0)**

Prerequisite: any GER 200-level course or permission of the department chair. The interaction of a "cultural landscape" and literature from the turn of the century to the year 2002 will be studied in works by Alfred Döebelin, Nelly Sachs, Bertolt Brecht, Christa Wolf, Zehra Cirak, etc. Movies will be used to provide a visual background and further topics for discussion.

Offered: Offered as Needed

**GER 314 - Advanced Composition (3.0)**

Prerequisite: GER 207 or GER 208 or permission of department chair. Development of proficiency in writing German, with emphasis on the contrastive aspects of English and German structure. Special attention to the idiomatic use of language. Introduction to translation.

Offered: Offered as Needed

**GER 316 - Modern German Literature (3.0)**

Prerequisite: GER 208 or permission of the department chair. A study of major authors from expressionism to the present. Modern literary and philosophical movements.

Offered: Offered as Needed

**GER 319 - German Drama (3.0)**

Prerequisite: GER 207 or GER 208 or permission of department chair. This course explores the history of German drama. Discussions of Hans Sachs, Gotthold Ephraim Lessing, Friedrich Schiller, Johann Wolfgang von Goethe, Heinrich von Kleist, Frank Wedekind and Georg Kaiser will illuminate the social, aesthetic and philosophical issues connected to them.

Offered: Offered as Needed

**GER 321 - History of German Film (3.0)**

Prerequisite: GER 207 or GER 208 or permission of the department chair. This course analyzes films from Germany, Austria and Switzerland. Directors such as Fritz Lang, G.W. Pabst, Rainier Werner Fassbinder, Margarethe von Trotta and others will help trace the history of German film.

Offered: Offered as Needed

**GER 335 - Teaching Assistantship in German (1.0 - 3.0)**

Prerequisite: Selection by the department. An opportunity for qualified seniors to conduct practice sessions, tutor students and/or administer examinations in specified 100- and 200-level courses. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**GER 375 - Independent Study in German (1.0 - 3.0)**

Prerequisites: Permission of the instructor and the department chair. Study of a selected subject. Conferences and reports.

Offered: Either Semester

**GER 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**GER 399 - Internship in German (3.0 - 9.0)**

Prerequisite: Open to junior and senior majors with permission of the department chair. Supervised work in a governmental or international agency, in industry or other appropriate settings involving German-speaking people. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**GER 501 - Berlin in the 20th Century (3.0)**

Prerequisite: 5 courses in German at the 200 level or above, or departmental approval. The interaction of a cultural landscape and literature from the turn of the century to the year 2000 will be studied in works by Alfred Döebelin, Nelly Sachs, Bertolt Brecht, Christa Wolf, Zehra Cirak, etc. Movies will be used to provide a visual background and further topics for discussion.

Offered: Offered as Needed

**GER 516 - Modern German Literature (3.0)**

Prerequisite: 5 courses in German at the 200 level or above, or departmental approval. A study of major authors from expressionism to the present. Modern literary and philosophical movements.

Offered: Offered as Needed

**GER 519 - German Drama (3.0)**

Prerequisite: 5 courses in German at the 200 level or above, or departmental approval. This course explores the history of German drama. Discussions of Hans Sachs, Gotthold Ephraim Lessing, Friedrich Schiller, Johann Wolfgang von Goethe, Heinrich von Kleist, Frank Wedekind and Georg Kaiser will illuminate the social, aesthetic and philosophical issues connected to them.

Offered: Offered as Needed

## GERO - GERONTOLOGY

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**GERO 370 - Gerontology Practicum (3.0)**

Prerequisites: At least two of the following: PYSO 221, PSY 373 or BIOL 132. Open to students in the gerontology minor. Supervised work program providing 120 hours of on-site work experience with the elderly.

Offered: Either Semester

**GERO 554 - Social Gerontology (3.0)**

A study of the changes in the circumstances, status, roles and position that come with aging. The course focuses on social controversies and debates in the field of gerontology, rather than on memorizing facts. Special attention is given to controversies related to health care, caregiving, decision-making, social security, and retirement.

Offered: Second Semester

**GERO 555 - Psychological Aspects of Aging (3.0)**

Cognitive, personality and social changes involved in the aging process. Attention is given to the psychophysiological changes that occur with age affecting behavior and psychological and social adjustment. Consideration of the methodological and research design problems of studying age-related and ontogenetic changes.

Offered: First Semester

**GERO 556 - Health and Aging (3.0)**

This course provides students with an overview of the biological aspects of the aging process and age-related human disorders. Students will examine how these physiological changes affect elders' activities and functioning. The course will also explore what strategies exist to help maintain physical and mental fitness.

Offered: Second Semester

**GERO 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

**GERO 580 - Master's Thesis Preparation (6.0)**

The master's thesis should exhibit those qualities that are associated with genuine research: scholarship, logical consistency, creativity and comprehensiveness. The student should submit, in writing, a tentative thesis proposal. After official approval, the student will be registered and may begin work on the thesis.

Offered: Either Semester

**GERO 595 - Independent Applied Research Project (1.0 - 6.0)**

Prerequisites: Permission of the instructor. A basic or applied research project involving extended independent work and emphasizing principles of experimental research design. A written report must be submitted at the end of the project. Evidence of an approved topic with a signed Permission to Enroll Form must be submitted to the Graduate School at the time of registration.

Offered: Either Semester

**GERO 599 - Special Topics in Gerontology (3.0)**

The study of selected issues and/or social problems that are of interest to gerontologists. Each issue will be examined from the perspectives of various specialists within the discipline. Students will participate through readings in primary sources, individual reports or presentations, discussion, and possible field work.

Offered: First Semester ( As Needed)

## GLBS - GLOBAL STUDIES

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### GLBS 200 - Introduction to Global Studies (3.0)

This course provides a broad introduction to the cultural, economic, and political forces of globalization and examines how those forces influence our lives and the lives of people throughout the world. The course is based upon current and topical issues including: global trade, financial markets, human rights, environmental scarcity, and social media.

Core: Global Perspectives

Offered: First Semester

### GLBS 300 - Challenges/Opportunities of Globalization (3.0)

Prerequisite: 3 credits from the Social and Behavioral Analysis area of the Core. This course examines the cultural, economic and political forces of globalization. It is organized around the debate concerning the merits of modern globalization. We will examine how the forces of globalization impact certain aspects of lives of people around the world. We will use the evidence gathered in our examination of the impact of globalization to critique the classical arguments.

Core: Global Perspectives

Offered: Both Semesters

### GLBS 399 - Internship in Global Studies (3.0 - 6.0)

Prerequisites: Must be a declared Global Studies major or permission of the instructor. Students may be placed in a variety of settings including: governmental agencies, non-profit organizations, think tanks, or other global affairs related entities and work with their designated internship faculty supervisor to complete a portfolio and deliver a final oral presentation. Grading is on S/U.

Offered: Either Semester

### GLBS 470 - Senior Seminar in Global Studies (3.0)

Prerequisite: Open to senior global studies majors or with permission of the instructor. The course examines critical 20th and 21st century academic works on aspects of globalization including: technology, the environment, social movements, transnational advocacy networks, corporations, social media, global finance, state, and non-state actors. Topics may vary. The course requires student-led discussions, original research, and oral presentations.

Offered: Second Semester

## GNST - GENERAL STUDIES

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### GNST 099 - College Reading Skills (2.0)

College-reading skills are developed and practiced. The primary focus is on literal and inferential comprehension, vocabulary development, reading speed and efficiency, and specific strategies for reading in different disciplines.

Offered: First Semester

### GNST 101 - Seminar for Academic Success (2.0)

Prerequisite: Student must be enrolled in a minimum of 9 credits in addition to GNST 101. New learning strategies and methods through

which students can become successful in college. Students are guided to become self-directed learners.

Offered: Both Semesters

### GNST 220 - Dynamics of Leadership (3.0)

Styles of techniques of leadership that are essential to working with groups. Determination and development of personal leadership style. Analysis of the structure of groups from casual social groups to formal business groups. Emphasis upon decision-making and problem solving through appropriate leadership techniques.

Offered: Both Semesters

## GRK - GREEK

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### GRK 101 - Ancient Greek I (4.0)

This course provides an introduction to ancient Greek grammar, syntax and vocabulary. Students gain the basic skills to read adapted selections from classical Greek authors and the New Testament. Comparative linguistic issues, including the influence of ancient Greek on modern languages, and Greek prose composition are also studied.

Core: Foundations/Foreign Language

Offered: First Semester ( As Needed)

### GRK 102 - Ancient Greek II (4.0)

This course is the continuation of Greek 101. Course work consists of readings in prose and poetry and the completion of the basic study of Greek grammar and syntax. Students advance from adapted passages to the original texts of classical Greek authors such as Plato and Sophocles. Readings on ancient Greek history and culture are also assigned.

Core: Foundations/Foreign Language

Offered: Second Semester ( As Needed)

## HIST - HISTORY

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### HIST 208 - Introduction to Public History (4.0)

Overview of the history field as practiced in museum work, historic preservation, state/national parks, archives, historic sites, historical societies, etc. Students will utilize local resources and do hands-on projects. This is the foundation course for the Public History Concentration and is also open to all interested students.

Offered: First Semester ( Even Years)

### HIST 217 - History of the United States to 1865 (4.0)

Credit by exam. The development of the United States from the colonial settlements to 1865.

Core: Historical Analysis

Offered: First Semester

### HIST 218 - History of United States since 1865 (4.0)

Credit by exam. The development of the United States as a world power from 1865 to the present

Core: Historical Analysis

Offered: Second Semester

**HIST 246 - Introduction to Africa (4.0)**

A study of the political, economic and cultural forces that have shaped the lives of the African people from the earliest beginning to the present. The approach will be to examine the major themes in the development of Africa. The focus will be on such topics as state formation, the slave trade, colonialism, nationalism, apartheid and the problems of nation building.

Core: Global Perspectives

Offered: First Semester

**AFHS 257 - African American History (4.0)**

A chronological survey of African-American history from pre-colonial Africa and colonial America through the twentieth century. Focuses on the economic, political, social and cultural context in which a uniquely constituted African-American culture developed in the course of the struggle to achieve human rights.

Core: Historical Analysis

Offered: First Semester

**HIST 262 - Africa, Asia & Europe to 1500 (4.0)**

An introduction to the origins of human society and early civilization on three continents. Topics include African cultures, Mesopotamia and Egypt, Vedic India, ancient Greece and Rome, imperial China, and medieval Europe and Japan. Examines the complex development of and interactions between cultures.

Core: Global Persp & Historical Analysis

Offered: Both Semesters

**HIST 263 - Africa, Asia & Europe since 1500 (4.0)**

An introduction to how historical developments since 1500 on three continents have shaped our contemporary world. Topics include Renaissance and Reformation Europe, African kingdoms and the Atlantic slave trade, Mughal India, Ming and Qing China, Meiji Japan, European Imperialism, industrialization, the two World Wars, and decolonization. Examines interactions between regions and cultures.

Core: Global Persp & Historical Analysis

Offered: Both Semesters

**HIST 299 - Special Topics (3.0)**

This course introduces general topics in history, allowing faculty and students to examine specific areas of interest.

Offered: Offered as Needed

**HIST 300 - From Celts to Vikings 400-1000 (4.0)**

Prerequisite: HIST 262 or permission of the instructor. A study of the peoples and culture of early medieval Europe, from late Rome through the 10th century. Includes Celtic population of Roman Empire; "barbarian" kingdoms such as Celtic Ireland and Scotland, Anglo-Saxon England, and Frankish Gaul; Visigothic and Islamic Spain; technological developments; the Carolingian Empire; and Viking invasions.

Offered: ( Every 3 Years)

**HIST 309 - Islam & the Crusades (4.0)**

Prerequisite: HIST 262 or permission of the instructor. A study of the "holy wars" between the Islamic world and the Christian west in the 11th through 15th centuries, including long-term effects on the modern Middle East.

Offered: ( Every 3 Years)

**HIST 313 - Medieval England (4.0)**

Prerequisite: HIST 262 or permission of the instructor. England's political, social and cultural history from prehistoric times through the Anglo-Saxon era, the Norman Conquest, the development of Parliament and the War of the Roses.

Offered: ( Every 3 Years)

**HIST 314 - Tudor and Stuart England (4.0)**

Prerequisite: HIST 262 or permission of the instructor. British history in the 16th and 17th centuries, including the English Reformation, the reign of Elizabeth I, the English Civil War and the Glorious Revolution.

Offered: ( Every 3 Years)

**HIST 316 - The Middle East in Modern Times (4.0)**

Prerequisite: HIST 263 or permission of the instructor. A study of the Middle East in the modern world. Emphasis on the 20th century. National movements, Pan-Arabism, Zionism and the struggle over Palestine. The Arab-Israeli conflict, the Arab world, the influence of oil, terrorism and recent wars. Political, social and economic developments.

Core: Global Perspectives

Offered: Second Semester

**HIST 318 - American Revolution/Early Republic (4.0)**

Prerequisites: HIST 217, or with the permission of the instructor. The constitutional, political, economic, military and social developments in America from the American Revolution, the Articles of Confederation, and the Constitution through the War of 1812. The challenges facing the new nation, including the meanings of the American Revolution and how these were manifested in the creation of the American republic.

Offered: First Semester ( As Needed)

**HIST 319 - Civil War and Reconstruction (4.0)**

Prerequisite: HIST 217 or HIST 218. A study of America's most destructive war: its origins, impact and aftermath. The course also will deal with the problems, accomplishments and failures of reconstruction.

Offered: Second Semester ( Even Years)

**HSL 330 - Cultural Encounters in LatAm Hist (4.0)**

Prerequisite: Historical Analysis section of Core requirement. Employing a cross-cultural perspective, this course explores the historical process as being a dialogue between the cultures of the indigenous peoples of Latin America and the European settlement.

Offered: Offered as Needed

**HIST 333 - Intelligence & Espionage since 1850 (4.0)**

Prerequisites: HIST 218, and either PSCI 210 or PSCI 215, or permission of instructor. The history of intelligence gathering and espionage since 1850. The development of American intelligence agencies, with emphasis on the 20th century. Review of major foreign intelligence organizations—Soviet and Russian, Chinese, German, British, and Israeli. The Cold War era and the growth of the national security state. Post-9/11 developments in intelligence gathering will also be covered.

Offered: Either Semester

**HSLs 330 - Cultural Encounters in LatAm Hist (4.0)**

Prerequisite: Historical Analysis section of Core requirement.  
Employing a cross-cultural perspective, this course explores the historical process as being a dialogue between the cultures of the indigenous peoples of Latin America and the European settlement.

Offered: Offered as Needed

**HIST 335 - Teaching Assistantship in History (1.0)**

Prerequisites: Junior or senior standing, completion of course(s) involved or equivalent competency and permission of the department. The teaching assistant will have significant responsibilities in the assigned class or classes supporting the instruction of the course. Duties can include research, assisting with course instructional technology, tutoring class members, and working on other class-related projects. May be taken only twice. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**HIST 336 - The World since 1945 (4.0)**

Prerequisites: One of the following: HIST 263. A study of major world developments since the end of World War II, including such topics as the reconstruction of Europe, the end of colonialism, the Cold War, the Middle East crisis, the nuclear age, terrorism, and humanitarian crises and response. Themes will include war, politics, revolution, and international cooperation.

Core: Global Perspectives

Offered: Second Semester ( Odd Years)

**HIST 338 - Gilded Age & Progressive Era-1877-1929 (4.0)**

Prerequisites: HIST 218 or permission of instructor. Between 1877 and 1929, the United States wrestled with the wrenching social, political, cultural and economic transformations that accompanied the second industrial revolution. This course will address the ways in which Americans responded to the crises caused by industrialization, immigration and urbanization with special emphasis on Progressive Era reform.

Offered: Second Semester ( Odd Years)

**HIST 339 - New Deal America, 1929-2000 (4.0)**

Prerequisites: HIST 218 or permission of instructor. This course traces the rise and fall of the New Deal order. The first part of the course will discuss the legacies of the New Deal and WWII. The second part focuses on the turbulent 1960s. The final part examines the economic crisis of the 1970s and America's "conservative turn" in the 1980s.

Offered: Second Semester ( Even Years)

**HIST 340 - Modern China & Japan (4.0)**

Prerequisites: One of the following: HIST 262 or HIST 263 or permission of the instructor. The history of China and Japan in the nineteenth and twentieth centuries, from the first contact with and response to the west, through Japanese modernization and imperialism; the Boxer uprising, 1911 revolution, and nationalism in China; and World War II and the Chinese communist era. The course will explore these and other major political, social and economic developments, with an emphasis on the international role of each country.

Offered: Second Semester ( Odd Years)

**HIST 341 - Cultural Resources and Events (1.0)**

Prerequisite: Any 200-level history course or permission of the instructor. In this course students partake of and reflect thoroughly on the cultural resources available on campus and in Frederick, Baltimore and Washington, DC. During the semester, students attend historically-themed public events and visit historical museums and sites, discuss their experiences, and complete reading and writing assignments.

Offered: Either Semester

**HIST 342 - Short Topics in History (1.0)**

Prerequisite: Any 200-level history course or permission of the instructor. Short Topics in History is a 1-credit course that offers a change to pursue in more detail more focused study of subjects only touched upon in broad survey courses, or those not covered elsewhere in the history curriculum. Format, perspectives and topics may vary according to the instructor's expertise.

Offered: Either Semester ( As Needed)

**HIST 343 - Modern Russia (4.0)**

Prerequisites: HIST 263 or permission of the instructor. History of Russia and the Soviet Union in the modern era (since 1855) from Alexander II and the Great Reforms to the current Russian government and society. Topics include the fall of the Romanovs, the Bolshevik coup, Lenin, Stalin and their successors. The course will examine political, economic, intellectual and cultural developments under Communism and after

Core: Global Perspectives

Offered: First Semester

**HIST 344 - Revolutions and Revolutionaries (4.0)**

Prerequisite: HIST 263 or permission of the instructor. A study of the causes and nature of revolutions and the role of the revolutionary. Emphasis on the modern era—the American Revolution, the French Revolution, the Russian Revolution and the Chinese Revolution. Also, the international struggle for labor and women's rights.

Offered: Second Semester ( Odd Years)

**HSPS 345 - Global Persp/Women, Power & Politics (4.0)**

Prerequisite: One of the following: HIST 262, HIST 263, PSCI 202, PSCI 210, PSCI 215 The course focuses on the different ways gender structures women's political experiences and how race, class and ethnicity intersect with gender in shaping political consciousness and action. Readings will emphasize women's power within established formal government structures and informal exercise of power through religion, family and society

Core: Global Perspectives

Offered: Offered as Needed

**HIST 346 - War and Society (4.0)**

Prerequisite: One of the following: HIST 217, HIST 218, HIST 262 or HIST 263, or permission of the instructor. A study of modern war and its effects on people and nations in a historical perspective. Analysis of the causes of war. Survey of the tools and weapons of war and the changes in weapons and technology over time. Reactions of soldiers, civilians and political leaders to the demands of war.

Offered: First Semester ( Odd Years)

**HIST 353 - US Foreign Relations since World War II (4.0)**

Prerequisites: HIST 218 or permission of the instructor. This course explores the history of America's role in the world since the Second World War, examining the development of America's position within the world community and the political, social and economic factors shaping its foreign policy. The course will cover such topics as the creation of the United Nations, the Cold War, Korea and Vietnam, détente, globalization and American involvement in the Middle East.

Core: Global Perspectives

Offered: Second Semester ( Even Years)

**HIST 365 - The Ancient Near East and Greece (4.0)**

Prerequisite: HIST 262 or permission of the instructor. This course traces the early history of western civilization, from humanity's origins in Africa, through the first civilizations of Mesopotamia and Egypt, to classical and Hellenistic Greece. It emphasizes the varieties of organization, individual and collective identity, and interaction between states, religious authorities and cultures.

Offered: Offered as Needed

**HIST 366 - Ancient Rome (4.0)**

Prerequisite: HIST 262 or permission of the instructor. An exploration of the history of Rome, from its founding through the Republic and the Empire, focusing on political, social, cultural and military developments.

Offered: Offered as Needed

**HIST 367 - Medieval Europe (4.0)**

Prerequisite: HIST 262 or permission of the instructor. A survey of the European Middle Ages, including political, social, economic and cultural developments from the fall of Rome through the 15th century.

Offered: ( Every 3 Years)

**HIST 368 - Early Modern Europe, 1517-1789 (4.0)**

Prerequisite: HIST 263 or permission of the instructor. A study of the major political, economic, cultural and social aspects of Europe in the early modern period. From the Protestant Reformation and wars of religion, through the establishment of the modern state system in the mid-seventeenth century, the Scientific Revolution and the Enlightenment, Interaction of Europe with the world.

Core: Global Perspectives

Offered: ( Every 3 Years)

**HIST 369 - Modern Europe, 1789-2000 (4.0)**

Prerequisite: HIST 263 or permission of the instructor. A study of Europe in the nineteenth and twentieth centuries, from the French Revolution through the two World Wars to the age of the European Union. The political, economic, social, and cultural aspects of the modern European experience. The rise of nationalism, socialism and communism, humanitarianism, imperialism, democracy, and the labor movement.

Core: Global Perspectives

Offered: ( Every 3 Years)

**HIST 371A - Topics in Early History (4.0)**

Prerequisite: HIST 262 or permission of instructor. Advanced topics in ancient and medieval history. This course pursues in more detail subjects not fully covered elsewhere in the history curriculum. Students who lack

the prerequisite, but who have other coursework or experience relevant to the specific topic, are encouraged to seek the instructor's permission to enroll.

Offered: Offered as Needed

**HIST 371B - Topics in American History (4.0)**

Prerequisite: HIST 217, HIST 218 or AFHS 257 or permission of instructor. Advanced topics in colonial American and United States history. This course pursues in more detail subjects not fully covered elsewhere in the history curriculum. Students who lack the prerequisite, but who have other coursework or experience relevant to the specific topic, are encouraged to seek the instructor's permission to enroll.

Offered: Offered as Needed

**HIST 371C - Topics in Modern European History (4.0)**

Prerequisite: HIST 263 or permission of instructor. Advanced topics in the history of modern Europe. This course pursues in more detail subjects not fully covered elsewhere in the history curriculum. Students who lack the prerequisite, but who have other coursework or experience relevant to the specific topic, are encouraged to seek the instructor's permission to enroll.

Offered: Offered as Needed

**HIST 371D - Topics in World History (4.0)**

Prerequisite: HIST 262 or HIST 263 or permission of instructor. Advanced topics in comparative and world history. This course offers a chance to pursue in more detail subjects only touched upon in broad survey courses, or those not covered elsewhere in the history curriculum. Format, perspectives and topics may vary according to the instructor's expertise.

Offered: Offered as Needed

**HIST 371E - Topics in Public History (4.0)**

Prerequisite: One of the following: HIST 208, HIST 217, HIST 218, HIST 299B or permission of the instructor. Advanced topics in public history. This course pursues in more detail subjects not fully covered elsewhere in the history curriculum. Students who lack the prerequisite, but who have other coursework or experience relevant to the specific topic, are encouraged to seek the instructor's permission to enroll.

Offered: Offered as Needed

**HIST 373 - Research and Writing in History (4.0)**

Prerequisite: Open to history majors with at least sophomore standing and HIST 217 or HIST 218 or AFHS 257 plus another history course. An introduction to historical method, including historical argumentation, evidence, documentation and archival research. Each student researches local or family history, using original sources from archival collections. As the entry into the major, the course is for second-semester sophomores, first-semester juniors, and new transfer students.

Offered: Both Semesters

**HIST 375 - Independent Study in History (1.0 - 4.0)**

Prerequisite: Permission of the instructor. A readings course to supplement the regular offerings of the department. Conferences and written reports.

Offered: Either Semester

**HIST 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**HIST 399 - Internship in History (3.0 - 15.0)**

Prerequisites: 18 credits of history, or permission of the instructor. Supervised historical writing, research and/or museum work with private or government agencies full or part time. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**HIST 399C - Internship Colloquium (1.0)**

Corequisite: HIST 399 or permission of the instructor This seminar, taken together with the history internship, consists of readings, discussion and writing that will deepen and enrich the internship experience. The class will discuss the readings, their work sites, current issues in public history, and professionalism in the history-related workplace

Offered: Both Semesters

**HIST 406 - Religion, Family & Soc: Reformation Europe (4.0)**

Prerequisite: Junior or senior standing and HIST 202, HIST 203, HIST 205 or REL 212 or permission of the instructor. A study of the 16th-century Protestant Reformation and its impact on such aspects of European society as the family, marriage, women's lives, popular culture, and urban and rural society. Students who lack the specific prerequisite but have extensive history or religion coursework are encouraged to seek instructor permission to enroll.

Offered: First Semester ( Odd Years)

**HIST 410 - History of Women in the United States (4.0)**

Prerequisite: Eight credits of history and junior or senior standing or by permission of instructor. This course explores the impact of historical events on the lives of American women and the varied roles women have played in shaping United States history from the colonial period to the present. It will focus specifically on how class, ethnicity and race have influenced American women's work, family life, sexuality and organized activities

Offered: First Semester ( Even Years)

**HIST 412 - Women in Medieval Europe (4.0)**

Prerequisites: 8 credits in history and junior or senior standing, or permission of the instructor. A study of the roles and experience of European women during the Middle Ages, 500-1500. Legal and social status, queenship and power, religion and spirituality, marriage and family and women in the ethnic minorities.

Offered: Offered as Needed

**AFHS 424 - Race and Racism in the United States (4.0)**

Prerequisites: Junior or senior standing and HIST 217 or HIST 218 or AFHS 257. This course explores the origins and development of racial attitudes, both scientific and popular, supporting mythologies, and contemporary institutional expressions. It will also discuss the African Americans' attempts to resist white supremacy. Emphasis will be on African American history since Reconstruction.

Offered: Second Semester ( Even Years)

**HIST 437 - U.S. Labor Hist-Gilded Age to 21st Cent (4.0)**

Prerequisites: Eight credits of history and junior or senior standing or permission of instructor. This course offers a history of work, labor relations, social movements, and labor policy in the United States from the Gilded Age into the twenty-first century. Readings on industrial, agricultural, service, and domestic work, as well as on immigration, will enable us to trace the history of class politics and economic development in America.

Offered: First Semester ( Even Years)

**HIST 470 - Seminar: Topics in History (4.0)**

Prerequisites: Junior or senior standing and HIST 270 or HIST 373. This advanced course explores one topic in depth. The format, approach and perspective vary according to the instructor's expertise and preference, but in general students are expected to read deeply in the topic, participate actively in seminar discussions and complete a major research project. This is the capstone for the history major.

Offered: Either Semester ( As Needed)

**HIST 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**HIST 506 - Religion, Family & Soc: Reformation Europe (3.0)**

A study of the 16th-century Protestant Reformation and its impact on such aspects of European society as the family, marriage, women's lives, popular culture, and urban and rural society.

Offered: First Semester ( Odd Years)

**HIST 510 - History of Women in the United States (3.0)**

This course explores the impact of historical events on the lives of American women and the varied roles women have played in shaping United States history from the colonial period to the present. It will focus specifically on how class, ethnicity and race have influenced American women's work, family life, sexuality and organized activities

Offered: First Semester ( Even Years)

**HIST 512 - Women in Medieval Europe (3.0)**

A study of the roles and experience of European women during the Middle Ages, 500-1500. Legal and social status, queenship and power, religion and spirituality, marriage and family, and women in the ethnic minorities.

Offered: Offered as Needed

**AFHS 524 - Race and Racism in the United States (3.0)**

This course explores the origins and development of racial attitudes, both scientific and popular, supporting mythologies, and contemporary institutional expressions. It will also discuss the African Americans' attempts to resist white supremacy. Emphasis will be on African American history since Reconstruction.

Offered: Second Semester ( Even Years)

**HIST 537 - U.S.Labor Hist-Gilded Age to 21st Cent (3.0)**

This course offers a history of work, labor relations, social movements, and labor policy in the United States from the Gilded Age into the twenty-first century. Readings on industrial, agricultural, service, and domestic work, as well as on immigration, will enable us to trace the history of class politics and economic development in America.

Offered: First Semester ( Even Years)

**HIST 570 - Seminar:Topics in History (3.0)**

This advanced course explores one topic in depth. The format, approach and perspective vary according to the instructor's expertise and preference, but in general students are expected to read deeply in the topic, participate actively in seminar discussions and complete a major research project.

Offered: Either Semester ( As Needed)

**HIST 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

## HON - HONORS

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**HON 101 - Honors Colloquium I (3.0)**

Prerequisite: Open by invitation only. A colloquium on a selected topic each year, designed to help students acquire skills in critical thinking, writing and speaking by examining significant works from various periods of history in a variety of cultures.

Offered: First Semester

**HON 102 - Honors Colloquium II (3.0)**

Prerequisite: HON 101. A colloquium on a selected topic each year in which students explore one or more specific issues arising from the general theme introduced in the first semester colloquium. Emphasis is on collaborative, as well as independent, learning and examination of works from the humanities, sciences and social sciences.

Offered: Second Semester

**HON 201 - Honors Colloquium III (3.0)**

Prerequisite: HON 102, or admission to the Honors Program as a sophomore. This course takes a global perspective on the world and asks students to consider topics such as how and why different societies construct institutions, art, literature and regional and cultural identities.

Core: Global Perspectives

Offered: First Semester

**HON 202 - Honors Practicum (3.0)**

Prerequisite: HON 201. In this course, students design and participate in a service learning project that addresses a social or intellectual problem of the student's choice, includes an experiential and a research component and makes a positive contribution to the local community. Each student makes a culminating presentation of her/his experience and research.

Offered: Second Semester

**HON 301 - Images of Women (3.0)**

Prerequisite: Open to sophomores, juniors or seniors in the Honors Program, or with permission of the instructors. An interdisciplinary study of issues of gender in art, religion and society, with emphasis on the major cultural traditions of West and East. The course examines images of women from prehistoric times until about 1500 and considers the way in which these images change from period to period and from culture to culture.

Offered: Second Semester ( As Needed)

**HNLS 302 - Third World Development: Latin America (3.0)**

Prerequisite: Open to sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. An interdisciplinary study of the Third World that uses aspects of literature, culture, politics, biology, demography, history and economics to understand how the world works for most of humankind. The course features field trips, guest speakers and a team approach to investigating problems of the developing world.

Offered: Offered as Needed

**HON 304 - Censorship in America (3.0)**

Prerequisite: Open to sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. This course examines the historical and contemporary aspects of censorship in America, paying particular attention to government and societal attempts to repress speech, press and the arts.

Offered: Winter Semester

**HON 306 - Biology: Facts, Future, Fiction (3.0)**

Prerequisite: BIOL 110-139. Open to sophomores, juniors or seniors in the Honors Program or with permission of the instructor. A study of selected topics in contemporary biology and an analysis of biologically based technologies of the future. Texts will include science-fiction literature. Topics include: the human genome project, DNA cloning technology and neurobiology.

Offered: First Semester ( Every 3 Years)

**ESHN 307 - Chesapeake Bay:Human Impact on Nat Sys (4.0)**

Prerequisite: Concurrent enrollment in ENSP 210 and ENSP 212 or permission of instructor. The natural history of the Chesapeake Bay region will be examined in the context of society's exploitation of a natural system. Scientific topics will be combined with historical, sociological, and economic perspectives to form a coherent portrait of the interplay between society and the environment.

Offered: Offered as Needed

**HON 308 - Dante and Giotto (4.0)**

Prerequisite: Completion of the Literary Analysis or the Visual and Performing Arts section of the Core. Open to sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. An exploration of the poetry of Dante and the painting of Giotto--addressing such topics as their historical perspective, and the spiritual and aesthetic sensibilities evident in their art. The course focuses on *The Divine Comedy* and the *Arena Chapel* in Padua. (In May, after final exams, students will be offered the opportunity to travel to Italy.) (CT, WS)

Offered: Second Semester ( Odd Years)

**HON 309 - Mind-Body Medicine (3.0)**

Prerequisite: Completion of the Social and Behavioral Analysis section of the Core. Open to sophomores, juniors and seniors in the Honors Program, or with permission of the instructor. An examination of the field of mind-body medicine with attention to historical and cross-cultural aspects of various mind-body-spirit phenomena. Topics will include the placebo effect, psychoneuroimmunology, and Chinese traditional medicine. Readings from scientific literature will be complemented by experiential learning through mind-body exercises.

Offered: Offered as Needed

**HNWS 312 - Revisioning Motherhood/Mod West Cultr (3.0)**

Prerequisite: Open to sophomores, juniors and seniors in the Honors Program, or with permission of the instructor. An interdisciplinary study of the institution of motherhood and its representations in modern cultural productions of the Western world. Students will examine the myth and reality of mothering by analyzing readings in social, political and psychoanalytical theory as well literary and filmic texts. This course may be used for credit in the women's studies minor.

Offered: First Semester ( Every 3 Years)

**HNPS 313 - Great Political Trials (3.0)**

Prerequisites: Open to sophomores, juniors, and seniors in the Honors Program, or with permission of the Instructor. Satisfies either Western or Non-Western Civilization core requirement This course analyzes great political trials that have reflected the political controversies of their time. Western tradition of law and legal analysis through trials held in the United States, France and England will be examined and contrasted and compared with trials held under socialist, Islamic and indigenous political systems.

Offered: Second Semester ( Odd Years)

**HNPL 315 - Literature of Moral Reflection (3.0)**

Prerequisite: Open to sophomores, juniors or seniors in the Honors Program, or permission of the instructor. Through analysis and discussion of works of great literature, students will examine questions concerning human nature and ethical responsibility. Authors may include Tolstoy, Greene, Hurston, Marx, Golding, Camus, Sophocles and C.S. Lewis.

Offered: Second Semester ( Odd Years)

**HNPL 316 - Perspectives in Global Health (3.0)**

Prerequisites: Completion of the Scientific Thought and Philosophical Inquiry areas of the Core. Open to sophomores, juniors, and seniors in the Honors Program or with permission of the instructor. This course examines basic advances in genetics, reproductive medicine and in combating infectious diseases and explores their ethical implications, particularly for non-Western cultures. Students use a case study approach to consider topics like genetics, epidemics, euthanasia and reproductive technology from a global, non-Western perspective.

Core: Global Perspectives

Offered: First Semester ( As Needed)

**HNMU 318 - Theory/Pract in the Arts:Phil of Music (3.0)**

Prerequisites: Completion of the Literary Analysis and the Visual and Performing Arts areas of the core. Open to sophomores, juniors and seniors in the Honors Program or with permission of the instructor. In this class we will survey the writings of philosophers, artists and other

figures who attempted to explain why music appeals to us and what the musical experience says about human nature. Readings will be taken from antiquity, the distant past, and the present day. Our goal will be: (1) to study how philosophers have attempted to explain what the musical experience says about human nature; (2) to study what these explanations say about the time periods and cultures from which they came.

Offered: Second Semester ( Even Years)

**ARHN 319 - Orientalism & Egyptomania (3.0)**

Prerequisites: Open to juniors or seniors in the Honors Program and art majors and minors or by permission of the instructor. This class will examine the rediscovery and re-presentation of Egypt and related lands in the Middle East during the 19th and 20th century by artists, travelers and related figures. We will consider visual and literary sources of many kinds, from the lands of the Middle East and the Western cultures of discoverers.

Offered: Offered as Needed

**HNRL 320 - Liberation Theologies (3.0)**

Prerequisites: Completion of the Philosophical Inquiry section of the Core. Open to sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. This course introduces students to theologies and philosophies of liberation which developed in the 20th century as ways to address human oppression. Topics will include black liberation theology Latin American liberation theology, African liberation theology, mujerista theology, and womanist theology.

Offered: Offered as Needed

**HON 322 - Law and Cyberspace (3.0)**

Open to sophomores, juniors and seniors in the Honors Program, or with permission of the instructor. Exploration of the legal and technology issues that arise with the emergence and use of digital technologies throughout society. Topics include: relevancy, investigation, prosecution and enforcement and jurisdiction of existing laws in cyberspace, online vices, internet bullying, identity theft cyberterrorism, hacking and digital forensics.

Offered: Second Semester ( Even Years)

**HNRL 323 - C.S.Lewis & Friends (3.0)**

Prerequisites: Open to religion majors and sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. An analysis of the fiction and nonfiction of the twentieth-century British writer C. S. Lewis. This course will also examine selected writings by other members of the group known as the Oxford Christians: e.g., Charles Williams, Austin Farrer, and Dorothy L. Sayers.

Offered: First Semester ( Odd Years)

**HON 324 - Natural Disasters (3.0)**

Prerequisites: Open to sophomores, juniors and seniors in the Honors Program. An examination of the physical processes and human consequences of natural disasters: hurricanes, floods, earthquakes, tornados, heat waves, volcanoes, wildfires, and other catastrophic events linked to the forces of nature. We will use case studies of major disasters—supplemented by additional readings, films, and speakers—to investigate geologic and meteorological processes responsible for natural hazards as well as topics such as the impact of gender, class, ethnicity and age on vulnerability; the role of media; community disruption and recovery; and political and economic factors shaping disaster response.

Offered: Offered as Needed

### **HNPS 327 - Frederick City, MD: From Colony to Suburb (3.0)**

Prerequisites: Completion of the Social and Behavioral Analysis area of the Core. Open to political science majors and sophomores, juniors, and seniors in the Honors Program, or with permission of the instructor.

Frederick City will be studied from the perspectives of art, demography, economics, history, literature, race, politics and sociology. The evolution of Frederick City from a frontier colony to a suburb of Washington, DC will be examined in the light of regional, national and global forces,

Offered: Offered as Needed

### **HON 335 - Teaching Assistantship (2.0)**

Prerequisite: Open to juniors or seniors in the Honors Program, with permission of the instructor and the Honors Director. An opportunity for juniors or seniors in the Honors Program to assist instructors in HON 101, 102 or 201 by attending classes, helping to lead discussions and assisting with class-related projects and peer review. May not be repeated or substituted for required courses in the Honors Program. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

### **HNPS 354 - African Political Autobiography (3.0)**

Prerequisite: HIST 246, AFPS 353, or completion of the Philosophical Inquiry section of the Core. Open to sophomores, juniors, or seniors in the honors program or permission of the instructor. This course explores the connections between autobiography, political philosophy and politics in African autobiographies. Selections from the 17th to the 21st centuries will be analyzed by authors from East, North, Central and Southern Africa to determine how they criticized their societies, suggested social and political alternatives and promoted social change

Core: Global Perspectives

Offered: Offered as Needed

### **HNPS 356 - Jamestown: Commemoration/Interpretation (3.0)**

Prerequisites: Completion of the Social and Behavioral Analysis category of the Core. Open to political science majors and sophomores, juniors or seniors in the Honors Program or with permission of the instructor. This course will explore the ways in which national historical events are commemorated with specific reference to the 2007 Jamestown celebrations. The issues of race, politics, and gender will be examined as well as the ways in which the founding of Jamestown is represented in film and literature.

Offered: First Semester ( As Needed)

### **ENHN 368 - American Landscapes Env Lit in US (4.0)**

Prerequisite: Sophomore, junior or senior standing in the Honors Program, or permission of the instructor. How does the American landscape function in our imagination, our policies, our lives? This reading-intensive course covers a wide range of environmental works: political, scientific, philosophical, autobiographical. Authors include Thoreau, Emerson, Aldo Leopold, Leslie Marmon Silko, Annie Dillard, Gary Snyder, Jack London, and William Faulkner. (H2, CT)

Offered: First Semester ( Odd Years)

### **HON 371 - Special Topics in Western Civilization (3.0)**

Open to sophomores, juniors or seniors in the Honors Program or by permission of the instructor. A study of a significant work or group of works in Western civilization and their historical and cultural contexts.

Offered: Second Semester ( As Needed)

### **HON 375 - Independent Study (1.0 - 3.0)**

Prerequisites: Permission of the instructor. Independent work in a topic selected by the student and faculty adviser. Conferences.

Offered: Either Semester

### **HON 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

### **ENHN 463 - International Currents in Modern Fiction (4.0)**

Prerequisite: Open to juniors or seniors in the Honors Program or with permission of the instructor. Considers recent global fiction that transcends boundaries of nation and language. Raises questions about race, gender, religion, political allegiance, violence, memory, history, and East/West relations. Authors may include Achebe, Gordimer, Salih, Endo, Nabokov, Ishiguro, Ondaatje, Roy, Lahiri, Rushdie, and Coetzee. (H2, CT)

Core: Global Perspectives

Offered: First Semester ( Even Years)

### **HON 470 - Honors Seminar (3.0)**

Prerequisite: Open to juniors and seniors in the Honors Program. May be repeated once under a different topic. Advanced interdisciplinary study of a topic of interest to senior Honors students and faculty. Class discussion will be supplemented by independent research, collaborative projects, student presentations and guest speakers.

Offered: Both Semesters

### **HON 499 - Honors Thesis (3.0)**

As an alternative to a departmental honors thesis, students in Hood's Honors Program may elect to complete a 3-credit interdisciplinary paper or project (HON 499) during the fall or spring semester of the senior year.

Offered: Either Semester

## **HON-500**

### **ENHN 563 - Int Curr Mod Fiction (3.0)**

Considers recent global fiction that transcends boundaries of nation and language. Raises questions about race, gender, religion, political allegiance, violence, memory, history, and East/West relations. Authors may include Achebe, Gordimer, Salih, Endo, Nabokov, Ishiguro, Ondaatje, Roy, Lahiri, Rushdie, and Coetzee. (H2, CT)

Offered: First Semester ( Even Years)

### **ENHN 568 - American Landscapes Env Lit in US (3.0)**

How does the American landscape function in our imagination, our policies, our lives? This reading-intensive course covers a wide range of environmental works: political, scientific, philosophical, autobiographical. Authors include Thoreau, Emerson, Aldo Leopold,

Leslie Marmon Silko, Annie Dillard, Gary Snyder, Jack London, and William Faulkner. (H2, CT)

Offered: First Semester ( Odd Years)

## HUM - HUMANITIES

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### HUM 501 - Humanities and the Western Tradition I (4.0)

The seminar serves as an introduction to ideas and institutions of Western culture to 1500, and to research methods in the humanities. Content varies by instructor and is supplemented by several guest lectures.

Offered: First Semester

### HUM 502 - Humanities and the Western Tradition II (4.0)

The seminar serves as an introduction to ideas and institutions of Western culture since 1500, and to research methods in the humanities. Content varies by instructor and is supplemented by several guest lectures.

Offered: Second Semester

### HUM 535 - Teaching Assistantship (1.0)

Prerequisite: At least 12 graduate credit hours in Humanities and permission of the instructor. Graduate students may serve as teaching assistants in undergraduate Humanities courses. The assistant would attend classes, tutor students, and join in periodic conferences with the instructors. Other duties would include organizing discussions, helping with constructing exams, and arranging for non-print media instruction. May be taken only twice. Grading is on a S/U basis.

Offered: Either Semester

### HUM 550 - Directed Readings (3.0)

Prerequisites: Completion of at least 12 credits in the Humanities Program, including either HUM 501 or HUM 502, and permission of both the instructor and program director. An individual course for special fields of interest beyond regular course offerings. Students wishing to take a directed reading course should have a clear topic in mind before approaching an instructor, who will help the student plan an appropriate reading program. Proposals must include a course description, reading list, and required assignments.

Offered: Offered as Needed

### HUM 560 - Humanities Colloquium (3.0)

Humanities Colloquia are reading intensive courses that build on skills learned in HUM 501/502 and introduce students to the scholarship on a particular topic, theme, era, or genre, providing both an overview of its critical debates and the range of methodologies or approaches appropriate to the field. Course topics vary according to discipline and specialization of faculty.

Offered: Offered as Needed

### HUM 575 - Independent Study (1.0 - 6.0)

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

### HUM 594 - Humanities Portfolio (4.0)

Invited students will select one substantial paper each from three of their Concentration courses, and work closely with their Portfolio advisor to develop and revise these papers. Emphasis will be placed on creating a Concentration-based connection between these papers. Students will then undergo Portfolio Review by a committee of three faculty members, one of whom is the Portfolio Advisor.

Offered: Either Semester

### HUM 595 - Research Project (4.0)

A 4-credit experience involving extended independent work, usually in the form of research and writing, typically conducted over two semesters or a semester and an entire summer. The student works with a faculty adviser to develop a topic, write a proposal, and complete a project. Two other faculty members (or other qualified individuals) serve as members of the student's Project Committee and participate in advising the student and grading the work.

Offered: Either Semester

### HUM 599 - Special Topics (1.0 - 6.0)

A special topics course may be offered either within a single department or on an interdepartmental basis. The content and methods of such courses depend upon the interests of the faculty and students.

Offered: Offered as Needed

## INST - INTERDISCIPLINARY STUDIES

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### INST 300 - The Power of the Nucleus (3.0)

Prerequisites: One course from the Scientific Thought section of the Core and at least one course from Historical Analysis, Social and Behavioral Analysis or Philosophical Inquiry sections of the Core, or permission of the instructor. A study of the scientific principles involved in nuclear reactions and how the development of related technology such as nuclear bombs and power plants affect society: past, present and future. Ethical, legal, political, psychological, cultural, medical and economic issues will be considered.

Offered: Second Semester ( As Needed)

### INST 312 - Archaeology:Cultures,Tech,Meth,Theories (4.0)

Prerequisites: Junior or senior standing, completion of the Social and Behavioral Analysis section of the Core and one course from the Scientific Thought section of the Core. This course examines the history of archaeological exploration and the discipline of archaeology as it is currently practiced. Archaeological cultures that vary from one another widely, both in terms of their geographic locations and the time periods in which they existed will be examined.

Offered: Second Semester

### INST 512 - Archaeology:Cultures,Tech,Meth,Theories (3.0)

This course examines the history of archaeological exploration and the discipline of archaeology as it is currently practiced. Archaeological cultures that vary from one another widely, both in terms of their

geographic locations and the time periods in which they existed will be examined.

Offered: Second Semester

## INT - INTERNSHIP

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### INT 399 - Internship (3.0)

Prerequisites: Completion of 45 credits (12 credits at Hood) and a cumulative gpa of 2.5 or above. Supervised career-related work at a site related to the student's interests, but outside the student's major field of study. In addition to 120 hours of work at the internship site, the student completes an academic component that is agreed with and supervised by the internship adviser.

Offered: Either Semester

## IT - INFORMATION TECHNOLOGY

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Students enrolling in computer science and information technology courses must have earned a grade of "C-" or higher in each prerequisite course.

### IT 180 - Unraveling the Web (3.0)

Prerequisite: Level II placement on the Basic Math Skills Inventory or MATH 099 or permission of the instructor. Introduction to the World Wide Web, its design, and impact on society. Topics include history of the internet and Web, HTML and CSS languages, and contemporary issues. Provides an overview of creating web documents, separating structure from presentation.

Core: Scientific Thought-Non-Lab

Offered: Both Semesters

### CAIT 221 - Applied Computer Graphics (3.0)

Prerequisite: IT 180 or permission of the instructor. Computer-based graphics from an applied point of view. Creation and use of graphics including computer drawing, image editing and manipulation, bit-mapped and vector graphics; 3D graphics; animation. Students will get hands-on experience in using various kinds of graphics software.

Offered: First Semester

### IT 280 - Intermediate Web Development (3.0)

Prerequisite: IT 180 or permission of the instructor. Web standards and their applications; advanced techniques using HTML5 and CSS3; selected concepts and techniques from information technology and computer science that serve as a foundation for web development. Concepts will be explored through interpreted languages such as JavaScript and PHP.

Offered: Second Semester

### CSIT 302 - Impact of Computers on Society (3.0)

Prerequisites: Completion of the Social and Behavioral Analysis section or Historical Analysis section or Philosophical Inquiry section of the Core or permission of the instructor. Computer technology is a driving

factor in globalization. This course studies the past, present and future impact of computer and communications technology on society, education, government and the workplace around the world. Topics covered cross national, cultural, and continental boundaries.

Core: Global Perspectives

Offered: Both Semesters

### IT 375 - Independent Study (1.0 - 3.0)

Prerequisite: Permission of the instructor. The study of selected topics in information technology, accomplished through readings, problem assignments and projects.

Offered: Either Semester

### IT 382 - Usability Engineering/Web Development (3.0)

Prerequisites: IT 280 or permission of the instructor. Principles of usability engineering, including analysis, design, prototyping and testing, with emphasis on their application to web development. Topics include: what is usability, heuristic evaluation, usability goal setting, interaction design and styles, assessment methods, web accessibility and adaptive technologies.

Offered: First Semester

### ITMG 388 - Management Information Systems (3.0)

Prerequisite: MGMT 301. Study of the management decision-making framework, needs assessment, types of management information systems, selection, evaluation and implementation of systems. Social and policy issues are also considered.

Offered: Both Semesters

### IT 397 - Special Topics (3.0)

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

### IT 480 - Practicum in Web Development (3.0)

Prerequisite: IT 382 or permission of the instructor. Technologies and issues associated with developing web sites, emphasizing accessibility and usability. Site conception, structure, navigational design, graphics and multimedia issues, server-side and client-side programming options, maintenance issues, security. Student teams will develop a working site as part of the course work.

Offered: Second Semester

### CSIT 483 - World Wide Web Programming (3.0)

Prerequisites: CS 202 or permission of instructor. Examination of issues and techniques in back-end programming for WWW applications. HyperText Transfer Protocol, Common Gateway Interface (CGI); Multipurpose Internet Mail Extensions (MIME); programming language options; scripting; file and database access; and security issues. Class sessions will emphasize interactive exploration and discussion.

Offered: Offered as Needed

### IT 510 - Computing Hardware/Software Systems (3.0)

Comprehensive overview of hardware and software system concepts that are fundamental to contemporary information technology. Topics include: computer architecture, operating systems, networks, data management systems and applications.

Offered: Both Semesters

### **IT 512 - Elements of Computer Programming (3.0)**

No prerequisite. Introduction to programming concepts and techniques used in problem solving using a modern programming language. Students design, implement and test programs to solve problems in IT, business and science. Topics include I/O, expressions, types, variables, branching, loops, web programming, program planning and simple multimedia programming.

Offered: Both Semesters

### **IT 514 - Contemporary Issues in Info Tech (3.0)**

Prerequisites: A minimum grade of "B-" in IT 510 and IT 512 or concurrent enrollment or permission of the instructor. Current issues in the use of information technology (IT) and the exploration of trends challenging to IT professionals. The primary purpose of this course is to teach students how to approach, investigate, consider, analyze, use and apply information technology in order to address specific information-based needs.

Offered: Either Semester

### **IT 515 - Object Oriented Methods (3.0)**

Prerequisite: A minimum grade of "B-" in IT 514. A detailed exploration of several object-oriented (OO) methods including OO analysis and design, OO programming languages, distributed and client-server computing and OO databases. The course will draw distinctions between traditional data analysis and structured programming techniques and OO approaches.

Offered: Second Semester

### **IT 518 - Systems Engineering & Integration (3.0)**

Prerequisite: IT 514 or permission of the instructor. Review of procedures, tools and standards in systems engineering and integration. This course provides a detailed examination of the systematic application of proven procedures, tools and standards to information-oriented problems for the purpose of defining, designing, managing and implementing effective information technology solutions.

Offered: First Semester

### **IT 521 - Info Assurance & Risk Assessment (3.0)**

Prerequisite: CSIT 555 or permission of the instructor. Concepts of information assurance and security risk assessment. Protecting the confidentiality, integrity and availability of data and their delivery systems. Topics include security assessment definitions and nomenclature, approaches for risk assessment, high assurance system design and techniques for quantitative and qualitative risk analysis.

Offered: Second and/or Summer Semester

### **ITMG 527 - Mgmt Issues in Information Systems (3.0)**

Prerequisite: IT 514 for CS/IT majors or MGMT 566 for MBA majors, or permission of the instructor. An examination and critical assessment of real-life management issues surrounding information systems in application environments. These issues involve the management of information, project management and information resources and systems within the organization.

Offered: First Semester

### **IT 530 - Applied Database Systems (3.0)**

Prerequisite: A minimum grade of "B-" in IT 510, IT 512 and IT 514 or permission of the instructor. Not open to students who have completed CS 530. Overview of data management concepts. The course will explore the enterprise perspective of managing data needs of an organization. Topics include data integrity, database models, and integration of databases, security, and database administration issues. The student will be introduced to query processing within a database environment.

Offered: Both Semesters

### **CSIT 532 - Computer Forensics (3.0)**

Prerequisites: IT 518 or CS 524 or permission of the instructor. Theory and practice behind the analysis of computing and networking equipment to determine if systems and networks have been used for illegal, unauthorized or unusual activities.

Offered: Both Semesters

### **ITMG 533 - Managing Technical Project Teams (3.0)**

Prerequisite: ITMG 527. This course investigates the process of managing a computer-related project. It includes scheduling techniques and automated tools such as scheduling packages. Focus will be on the team environment conducive to successful project completion.

Offered: Second Semester

### **CSIT 534 - Network and Internet Security (3.0)**

Prerequisites: CSIT 555 or permission of the instructor. Examination of the pervasive security threats related to the Internet, data communications and networking. Real-time or near real-time capture of information and the systematic tracking of transmissions. Topics include network-borne threats, detection, prevention and analysis; authentication; malicious software and firewalls.

Offered: First Semester

### **IT 535 - Security Policies, Ethics and Law (3.0)**

Prerequisite: Admission to the Graduate School. Security issues from a managerial, legal and ethical standpoint. Current legal obligations and limitations; linkage of security policy and practices with managerial operations and decision making. Topics include: security law, security policy making implementation, policy practices Acceptable Use Policies, and Litigation Avoidance.

Offered: Summer Semester

### **CSIT 537 - Applied Encryption and Cryptology (3.0)**

Prerequisites: A minimum grade of B- in CSIT 555 or permission of the instructor. Introduction to cryptology, the science of making and breaking secret codes. Topics include encryption, cryptanalysis, public and secret key encryption, block ciphers and digital signatures. Classic and modern cryptography and encryption concepts will be introduced as tools and safeguards to be applied, implemented and evaluated in real-world scenarios.

Offered: Second Semester ( Odd Years)

### **CSIT 540 - Human Computer Interaction (3.0)**

Prerequisite: CS 504 (MS in CS students) or IT 514 (MS in CIS students) or permission of the instructor. The role of human factors and psychology in usability; interaction and interface design issues; command languages, menus, error messages and response time physical interaction, I/O devices and interaction style and techniques; the design process and

user models; interface evaluation; integration of user interfaces with software engineering.

Offered: Offered as Needed

#### **IT 548 - Telecommunications and Networking (3.0)**

Prerequisites: A minimum grade of B- in IT 514 or permission of the instructor. Data communications, computer networks and open systems. In-depth review of basic terminology and concepts in telecommunication protocols, transmission techniques, network architecture alternatives, internetworking, circuit and packet switching and telecommunication solutions.

Offered: First Semester

#### **CSIT 555 - Info Systems Security (3.0)**

Prerequisites: CS 530 or IT 530 and either IT 548 or CS 553, or permission of the instructor. Technical, operational and managerial issues of computer systems. Threats to computer security including schemes for breaking security, and techniques for detecting and preventing security violations. Emphasis will be on instituting safeguards, examining types of security systems and applying the appropriate level of security for perceived risks.

Offered: Second Semester

#### **CSIT 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

#### **IT 575 - Independent Study (1.0 - 3.0)**

Prerequisite: Permission of the instructor. The study of selected topics in information technology accomplished through readings, problem assignments and projects.

Offered: Either Semester

#### **ITMG 575 - Independent Study (1.0 - 3.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms. Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

#### **IT 580 - Master's Thesis Preparation (6.0)**

Supervision of the master's thesis. Required of all degree candidates who select the thesis option.

Offered: Either Semester

#### **IT 581 - Practicum in Web Development (3.0)**

Prerequisite: A minimum of B- in IT 514 or permission of the instructor. Technologies and issues associated with developing web sites, emphasizing accessibility and usability. HTML and CSS, site conception, structure, navigational design, graphics and multimedia issues, server-side and client-side programming options, maintenance issues, security. Student teams will develop a working site as part of the course work.

Offered: Offered as Needed

#### **CSIT 583 - World Wide Web Programming (3.0)**

Prerequisites: IT 581 and CS 504, or permission of instructor.

Examination of issues and techniques in back-end programming for WWW applications. HyperText Transfer Protocol, Common Gateway Interface (CGI); Multipurpose Internet Mail Extensions (MIME); programming language options; scripting; file and database access; and security issues. Class sessions will emphasize interactive exploration and discussion.

Offered: ( As Needed)

#### **IT 585 - Master's Field Work Project (6.0)**

Supervision of the master's field work project. Required of all degree candidates who select the field work project option.

Offered: Either Semester

#### **IT 599 - Special Topics (1.0 - 6.0)**

A special topics course may be offered either within a single department or on an interdepartmental basis. The content and methods of such courses depend upon the interests of the faculty and students.

Offered: Offered as Needed

## **ITLS - INTERNATIONAL STUDIES**

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#### **ITLS 300 - Cultures of the Middle East (4.0)**

Prerequisite: Completion of one of the following sections of the core: Visual and Performing Arts or Philosophical Inquiry. Aspects of Middle Eastern culture in the areas of art, history, literature, philosophy, religion, social and political life and thought from prehistoric times to the 18th century.

Offered: Second Semester

#### **ITLS 301 - The Culture of India (4.0)**

Prerequisite: Completion of one of the following sections of the Core: Visual and Performing Arts, Historical Analysis or Philosophical Inquiry. Aspects of Indian culture in the areas of art, history, literature, philosophy, religion, social and political life, and thought from prehistoric times to the 18th century.

Core: Global Perspectives

Offered: First Semester

## **LAT - LATIN**

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#### **LAT 101 - Elementary Latin I (4.0)**

This course introduces the student to the basics of Latin grammar, syntax and vocabulary. Course work will consist of systematic study of verb, noun and adjective formation and selected readings geared towards developing skills in translation and composition.

Core: Foundations/Foreign Language

Offered: First Semester

**LAT 102 - Elementary Latin II (4.0)**

Prerequisite: LAT 101 or permission of department chair. Credit by exam. This course is the continuation of Latin 101, the first semester of elementary Latin. Course work will consist of selected readings and the completion of the basic study of Latin grammar.

Core: Foundations/Foreign Language

Offered: Second Semester

**LAT 103 - Intermediate Latin Prose (3.0)**

Prerequisite: LAT 102 or satisfactory performance in placement exam or permission of the department chair. Focuses on the reading of continuous passages of classical Latin prose in the three major genres developed in the Roman era: historiography, oratory and letter-writing. The main goals are to improve translation skills and to review basic Latin grammar through close reading of increasingly lengthy and challenging excerpts from classical texts.

Offered: First Semester

**LAT 104 - Intermediate Latin Poetry (3.0)**

Prerequisite: LAT 102 or satisfactory performance in placement exam or permission of the department chair. This course begins with Latin lyric and elegiac poetry to introduce the student to Latin poetic syntax and language, with further stress on meter and pronunciation through vocal in-class readings. The second half of the course will deal with epic poetry; literary issues will be an important component of these later lectures.

Offered: Second Semester

**LAT 207 - Latin Literature I: The Classical Period (3.0)**

Prerequisites: LAT 103 and LAT 104, or permission of instructor. This course provides a basic survey of the major texts of classical Latin, from the mid-republican period to the high imperial period. Students will gain a basic knowledge of the major literary styles and genres of composition during this period, and will analyze a wide variety of texts within their historical and cultural contexts.

Core: Literature

Offered: First Semester ( As Needed)

**LAT 208 - Latin Literature II: Medieval (3.0)**

Prerequisites: LAT 103 and LAT 104, or permission of instructor. This course focuses on Latin literature of the medieval period (ca. 400-1400). Students learn the characteristics of medieval Latin and study the significance and historical context of medieval Latin authors and texts. The ultimate goal is to understand of the role of the Latin language and literary genres in the cultural history of medieval Europe.

Core: Literature

Offered: Second Semester ( As Needed)

**LAT 299 - Special Topics (3.0)**

Prerequisites: LAT 103 or LAT 104, or permission of instructor. This course provides the opportunity for small groups of students to work closely with a faculty member on a particular Latin genre, topic or text not included in the regular offerings. Intended for students with two or more years of experience in Latin.

Offered: Second Semester ( As Needed)

**LAT 335 - Teaching Assistantship (1.0 - 3.0)**

Prerequisites: Permission of instructor. An opportunity for qualified advanced students to conduct practice sessions, tutor students and/or administer examinations in specified 100- and 200-level courses. Students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

## LLC - LIVING LEARNING COMMUNITY

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**LLC 101/102 - First Year Living Community (1.0)**

Prerequisite: Enrollment limited to first-year residential students; LLC 102 requires completion of LLC 101. Grading is on a satisfactory/unsatisfactory basis. First-Year Living-Learning Communities provide first-year students with common living and learning experiences in the residence halls, by sharing a first-year seminar in the fall and a specified class in the spring, and by participating in different activities, events, and service projects.

Offered: Both Semesters

## LAST - LATIN AMERICAN STUDIES

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**LSSP 215 - Hispanic & Latino Film (3.0)**

Prerequisite: SPAN 203 or satisfactory performance on placement examination or permission of the department chair. A selection of films and documentaries from Latin America, Spain and the United States will be discussed as social texts that articulate through different genres and époques, crucial issues of national identity, violence, repression, north/south relations, gender and memory as a collective reconstruction of the past. Directors may vary.

Core: Global Persp & Visual Perf Arts

Offered: Either Semester

**LSSP 220 - Latin America Today (3.0)**

Prerequisite: SPAN 104 or satisfactory performance on placement examination or permission of the department chair. A look at Latin America as it is today: historical, social, economic and geographical factors that are shaping the different countries and their people.

Offered: Offered as Needed

**LSSP 240 - Latin American Lit Popular Culture (3.0)**

Prerequisite: SPAN 203 or satisfactory performance on placement examination or permission of the department chair. A survey of the main trends in literary and popular culture from the 20th century. A close reading of the foundational texts of literary historiography from Modernism to Postmodernism. Discussion of the region's key concepts: transculturation, "magical realism/marvelous real," "Boom and Postboom," "testimonio" and the new historical novel.

Offered: Offered as Needed

#### **FLLS 250 - Testimonial Narratives in the Americas (3.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139 (Offered as needed/3 credits) This course focuses mainly on literary works that deal with trauma and memory in the US and Latin America. From testimonios to novels, attention will be given to problems of representation, marginality practices of censorship, repression and border conflicts.

Core: Literature

Offered: Offered as Needed

#### **HNLS 302 - Third World Development: Latin America (3.0)**

Prerequisite: Open to sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. An interdisciplinary study of the Third World that uses aspects of literature, culture, politics, biology, demography, history and economics to understand how the world works for most of humankind. The course features field trips, guest speakers and a team approach to investigating problems of the developing world.

Offered: Offered as Needed

#### **HSLs 330 - Cultural Encounters in LatAm Hist (4.0)**

Prerequisite: Historical Analysis section of Core requirement. Employing a cross-cultural perspective, this course explores the historical process as being a dialogue between the cultures of the indigenous peoples of Latin America and the European settlement.

Offered: Offered as Needed

#### **LSSP 333 - Latin American Poetry (3.0)**

Prerequisite: SPAN 208 or permission of the department chair. (Student teachers may enroll for one credit) Study of selected poetry, essay and drama by Spanish-American writers such as Martí, Darío, Neruda, Gabriela Mistral, Usigli and Octavio Paz.

Core: Global Perspectives

Offered: Offered as Needed

#### **LSSP 336 - Latin American Fiction (3.0)**

Prerequisite: SPAN 208 or permission of the department chair. Main trends in contemporary novels and short stories. Azuela, Gallegos, Asturias, Borges, García Márquez, Fuentes, Sábato and other major writers.

Offered: Offered as Needed

#### **LSSP 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

#### **LSSP 470 - Seminar (3.0)**

Prerequisites: 12 credits in Spanish above the intermediate level. A study in depth of a subject selected according to the special interests of the students and those of the faculty.

Offered: Offered as Needed

#### **LSSP 533 - Latin American Poetry (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. Study of selected poetry, essay and drama by Spanish-American writers such as Martí, Darío, Neruda, Gabriela Mistral, Usigli and Octavio Paz.

Offered: Offered as Needed

#### **LSSP 536 - Latin American Fiction (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. Main trends in contemporary novels and short stories. Azuela, Gallegos, Asturias, Borges, García Márquez, Fuentes, Sábato and other major writers.

Offered: Offered as Needed

#### **LSSP 570 - Seminar (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. A study in depth of a subject selected according to the special interests of the students and those of the faculty.

Offered: Offered as Needed

## **LW - LAW**

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#### **LWPS 230 - Introduction to Law (3.0)**

Law and the legal system in the United States. The impact of legal institutions on society. The law as a reflection of political, economic and social values.

Core: Social and Behavioral Analysis

Offered: Both Semesters

#### **LWPS 406 - International Law (3.0)**

Prerequisites: PSCI 215 or LWPS 230 or PSCI 307, or permission by instructor This course will investigate the basic question underlying the debate over the utility of international law The influence of global civil society, multinational corporations, and other non-state actors in the development and application of international law will be examined

Offered: Second Semester ( Odd Years)

#### **LW 300 - Legal Research and Writing (3.0)**

Prerequisite: LWPS 230 Improving research and writing skills for students preparing to go to law school. Identifying strategies for legal research and preparing legal documents such as case briefs, legal memoranda, pleadings and motions. Students taking this course have a significant advantage in law school.

Offered: Second Semester

#### **LW 375 - Independent Study (1.0 - 3.0)**

Prerequisites: 12 credits in the major, and permission of the instructor. Reading and/or research in a selected area of law and society.

Offered: Either Semester

#### **LWSC 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**LW 399 - Internship in Law (3.0 - 15.0)**

Prerequisites: 15 credits in the major, and permission of the supervising instructor and the director of the Law and Criminal Justice program. Participation and experience in law and society related settings through supervised full- or part-time work. Placements may be in a variety of settings such as: court systems, states attorneys' offices, prisons, law enforcement agencies, advocacy organizations or government offices. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**LWPS 406 - International Law (3.0)**

Prerequisites: PSCI 215 or LWPS 230 or PSCI 307, or permission by instructor. This course will investigate the basic question underlying the debate over the utility of international law. The influence of global civil society, multinational corporations, and other non-state actors in the development and application of international law will be examined.

Offered: Second Semester ( Odd Years)

**LW 470 - Seminar in Law (3.0)**

Prerequisite: This course is open only to senior Law and Criminal Justice majors. This course focuses on the relationship between law and its social context, how law is used for the attainment of the goals of particular interest and pressure groups within society, and looks at the current critical legal theory debates occurring in the academic and legal arenas. The relationship between law, social change and political interests will also be explored.

Offered: First Semester

**LW 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

## MATH - MATHEMATICS

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Students enrolling in mathematics courses must have earned a grade of "C-" or higher in each prerequisite course.

*Because of the emphasis placed on problem solving, collaborative work, computer exploration and writing in the calculus sequence at Hood, students who earn credit for a calculus course other than MATH 201 at Hood, and who wish to take MATH 202, MATH 253, MATH 304, MATH 320, MATH 333 or MATH 453, must enroll in MATH 200L Calculus Workshop either before or concurrent with their first course from that list.*

**MATH 098 - Algebra Review I (1.0)**

Prerequisite: Level I placement on the Basic Math Skills Inventory. A review of basic concepts of arithmetic and elementary algebra. Topics include fractions, decimals, percents, operations with real numbers, linear equations and inequalities, graphs and functions, solving linear systems, exponents, polynomials, and problem solving. Grading is on a satisfactory/unsatisfactory basis.

Offered: Both Semesters

**MATH 099 - Algebra Review II (1.0)**

Prerequisite: MATH 098 or permission of instructor. Topics include factoring polynomials, rational expressions, absolute value equations and inequalities, radicals, rational exponents, quadratic equations, and problem solving. Grading is on a satisfactory/unsatisfactory basis.

Offered: Both Semesters

**MATH 106 - Fundamental Concepts of Math I (3.0)**

Prerequisite: MATH 099 or Level II placement on the Basic Math Skills Inventory or permission of the instructor. Open to early childhood and elementary/special education majors with sophomore standing; open to others with permission of the instructor. Credit by exam. Focus on developing a deep understanding of the fundamental ideas of elementary school mathematics: place value and multidigit calculations; the properties of integers, rationals, and reals; representing and justifying arithmetic claims; algebraic notation; representing functions by graphs, tables and formulas; appropriate use of technology.

Offered: First Semester

**MATH 107 - Fundamental Concepts of Math II (3.0)**

Prerequisite: MATH 106. Open to early childhood education and elementary/special education majors with sophomore standing, and to others with permission of the instructor. Topics include visualization skills; basic shapes; the process of measurement; geometric concepts of length, area, and volume; designing data investigations and making judgments under conditions of uncertainty. Integrated mathematics laboratory approach, including the use of appropriate technology.

Offered: Second Semester

**MATH 111 - Mathematics Everywhere (3.0)**

Prerequisite: MATH 098 or Level IB placement on the Basic Math Skills Inventory or permission of the department. These courses promote students' understanding and appreciation of mathematics and develop quantitative and problem solving skills. Each course uses the computer to aid in exploration and computation. Various topics are offered each semester.

Core: Computation/Quantitative Literacy

Offered: Both Semesters

**MATH 111A - Mathematics of Daily Life (3.0)**

Prerequisite: MATH 098 or Level IB placement on the Basic Math Skills Inventory or permission of the department. This course addresses a wide range of applications of basic mathematical ideas to modern life. Topics include: mathematical tools that businesses use to schedule and plan efficiently; number codes such as UPC, ZIP codes, and ISBN codes that help organize our lives; and surprising paradoxes and complexities of elections.

Core: Computation/Quantitative Literacy

Offered: Either Semester

**MATH 111B - Mathematics of Democracy (3.0)**

Prerequisite: MATH 098 or Level IB placement on the Basic Math Skills Inventory or permission of the department. A mathematical study of two basic questions about democracy, "How do we vote?" and "How do we allocate power?", revealing surprising paradoxes and complications. The course explores why we vote the way we do, what problems arise in voting, and what alternatives are being tried.

Core: Computation/Quantitative Literacy

Offered: Either Semester

### **MATH 111G - Mathematics of Games and Sports (3.0)**

Prerequisites: MATH 098 or Level IB placement on the Basic Math Skills Inventory or permission of the department. How often is a perfect game pitched? Why split 8s in blackjack? How is a tournament scheduled for seven teams? Should you bet on a color or a number in roulette? Students will explore all of these questions and more using probability, linear models, graph theory, and more. This class also uses computational tools to solve problems and analyze data.

Core: Computation/Quantitative Literacy

Offered: Either Semester

### **MATH 112 - Applied Statistics (3.0)**

Prerequisite: MATH 098 or Level IB placement on the Basic Math Skills Inventory or permission of the instructor. Not open to students who have received credit for ECMG 212, PSY 211 or SOC 261. Statistics with emphasis on applications. Topics covered include statistical measures, normal distribution, sampling theory, statistical inference, hypothesis testing and quality control, correlation, regression and analysis of variance. Students will use statistical software packages on the computer to explore topics in more depth.

Core: Computation/Quantitative Literacy

Offered: Summer and/or Both Semesters

### **MATH 112W - Workshop Statistics (3.0)**

Prerequisite: MATH 098 or Level IB placement on the Basic Math Skills Inventory or permission of the instructor. Not open to students who have received credit for ECMG 212, PSY 211 or SOC 261. An active-learning approach to introductory statistics. Emphasis is on collaboration, discovery, and use of technology. Topics covered are the same as those in MATH 112: statistical measures, distributions, sampling, inference, confidence intervals, correlation, regression, ANOVA. Students will use a statistical software package.

Core: Computation/Quantitative Literacy

Offered: Second Semester

### **MATH 120 - Pre-Calculus Mathematics (3.0)**

Prerequisite: MATH 099 or Level II placement on the Basic Math Skills Inventory. Credit by exam. Not open to students who have received credit for MATH 201 or its equivalent. Functions and graphs: polynomial, exponential, logarithmic and trigonometric functions; analytic geometry. Emphasis is on problem-solving, mathematical modeling and the use of technology. Designed primarily as preparation for calculus.

Offered: Both Semesters

### **MATH 120L - Pre-Calculus Workshop (1.0)**

Prerequisite: Level 1.7 mathematics placement score; concurrent enrollment in MATH 120. Students in this class will work on algebra skills necessary to be successful in MATH 120. Each week's workshop will parallel the content of MATH 120 for that week.

Offered: Either Semester

### **MATH 200L - Calculus Workshop (1.0)**

Prerequisite: A course in calculus at an institution other than Hood College, either by transfer or credit by exam. May be taken concurrently

with the student's first mathematics class at Hood. This course is not open to students who have completed Math 201 at Hood. A selection of topics and tools of calculus, including: differential equations, mathematical modeling, slope fields and Euler's Method. Writing in mathematics is emphasized. This course is intended for students who plan to take courses beyond Calculus I at Hood, but who did not take MATH 201 here. Grading is on a satisfactory/unsatisfactory basis.

Offered: Both Semesters

### **MATH 201 - Calculus I (4.0)**

Prerequisite: MATH 120 or Level III placement on Basic Math Skills Inventory. Relationships, functions, rates of change, initial value problems, derivatives of functions of one variable, numerical solutions, applications. Emphasis is on: problem solving, collaborative work, computer exploration, writing.

Core: Computation/Quantitative Literacy

Offered: Both Semesters

### **MATH 202 - Calculus II (4.0)**

Prerequisite: MATH 201 or permission of the instructor. Students who did not complete MATH 201 at Hood must enroll in MATH 200L Calculus Workshop concurrently. Antiderivatives and the Fundamental Theorem of Calculus; distance, velocity, and acceleration; the definite integral; uses of integrals and representations of functions; distribution and density functions; Taylor polynomials and infinite series. Emphasis is on problem-solving, collaborative work, computer exploration, writing.

Offered: Both Semesters

### **MATH 207 - Discrete Math (3.0)**

Prerequisite: MATH 120 or Level III placement on the Basic Math Skills Inventory or permission of the instructor. An introduction to basic concepts and techniques of discrete mathematics. Topics include logic, sets, positional numeration systems, mathematical induction, elementary combinatorics, algorithms, matrices, recursion and the basic concepts of graphs and trees. The relationship to the computer will be stressed throughout.

Offered: Both Semesters

### **MATH 213 - Statistical Concepts and Methods (3.0)**

Prerequisite: MATH 201 or equivalent. [Not open to students who have received credit for MATH 112, MATH 112W, ECMG 212, PSY 211 or SOC 261.] An introduction to the practice of statistics, its applications, and its mathematical underpinnings. Focus is on data, activities, technology, conceptual understanding. This course is intended for mathematics and science majors.

Core: Computation/Quantitative Literacy

Offered: Second Semester

### **MATH 253 - Multivariable Calculus (4.0)**

Prerequisites: MATH 202 or permission of instructor. Students who did not complete MATH 201 or MATH 202 at Hood must enroll in MATH 200L Calculus Workshop concurrently. Calculus in several variables: multivariable functions, partial/directional derivatives, the gradient, multiple integrals, different coordinate systems, parametric equations, vector-valued functions, velocity, curvature, vector fields, line integrals, Green's Theorem. Emphasis is on problem solving, collaborative work, computer exploration, writing.

Offered: First Semester

**MATH 300L - MATLAB Workshop (1.0)**

Prerequisite: Transfer credit for MATH 339. An introduction to the mathematical programming language MATLAB. Not intended for students who have completed MATH 339 at Hood College since Fall 2013.

Offered: Offered as Needed

**MATH 304 - Differential Equations (4.0)**

Prerequisite: MATH 202 or permission of the instructor. The study and application of the ideas and techniques of calculus to the solution of real-world problems. Emphasis is on qualitative, numerical and analytic methods of solution. Extensive use of the computer.

Offered: Second Semester

**MATH 320 - Modeling and Simulation (4.0)**

Prerequisites: MATH 112 or equivalent, MATH 202 (or transfer credit for Calculus II and MATH 200L) and MATH 207. Developing and using mathematical models to analyze and solve real-world problems. Topics will include discrete and continuous, empirical and stochastic models. Students will use computer software for analysis and simulation and will complete individual and group projects.

Offered: Second Semester ( Even Years)

**MATH 333 - Introduction to Abstract Math (4.0)**

Prerequisites: MATH 202 and MATH 207 or permission of the instructor. An introduction to mathematical rigor and proof encountered in advanced mathematics. Topics include logic, sets, elementary number theory, relations, functions, limits, cardinality, the complex number system.

Offered: First Semester

**MATH 335 - Teaching Assistantship in Mathematics (1.0 - 2.0)**

Prerequisite: Permission of the department. May be repeated for a maximum of 4 credits. An opportunity for students to serve as teaching assistants for lower-division mathematics courses. Under the supervision of department faculty or The Josephine Steiner Center for Academic Achievement and Retention staff, assistants will aid students in improving their mathematical skills. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**MATH 336 - Introduction to Mod Geometry (4.0)**

Prerequisites: MATH 207. An investigation of Euclidean and non-Euclidean geometries. Use of computer technology and independent work will be an integral part of the course.

Offered: Second Semester ( Odd Years)

**MATH 339 - Linear Algebra (4.0)**

Prerequisites: MATH 207 and MATH 202. A modern introduction to linear algebra and its applications. Emphasis on geometric interpretation, extensive use of the computer. Linear systems, matrices, linear transformations, eigenvalues and dynamical systems.

Offered: First Semester

**MATH 351 - Probability and Statistics (4.0)**

Prerequisites: MATH 112 or equivalent and MATH 253. A calculus-based course on the theory and application of modern probability and statistics. Topics will be chosen from the following: events and

probabilities, random variables and distributions, expectation, conditional probability and independence, the Central Limit Theorem, hypothesis testing, confidence intervals, linear models, ANOVA.

Offered: First Semester ( Odd Years)

**MATH 375 - Independent Study (1.0 - 3.0)**

Prerequisite: Permission of the instructor. The study of selected topics in mathematics or computing, accomplished through reading, problem assignments and projects.

Offered: Either Semester

**MATH 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**MATH 398 - Mathematics Tutorial (1.0 - 3.0)**

Prerequisite: Permission of instructor. An opportunity to work with a faculty member and a small group of students in a semester-long program of directed study.

Offered: Either Semester

**MATH 399 - Internship in Mathematics (3.0 - 15.0)**

Prerequisites: 21 credits of mathematics courses at the 200-level or above and permission of the department. Supervised work in mathematics-related projects in a governmental, private-industrial or educational setting. In order to enroll in this course, a student must meet College internship requirements. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**MATH 407 - Introduction to Graph Theory (3.0)**

Prerequisite: MATH 333 or equivalent A rigorous study of the theory of graphs, including simple and directed graphs, circuits, graph algorithms, connectedness, planarity and coloring problems.

Offered: Second Semester ( Odd Years)

**MATH 409 - Elementary Number Theory (3.0)**

Prerequisite: MATH 333 An introduction to the theory of numbers: divisibility, prime numbers, unique factorization, congruences, Euler's phi-function, Fermat's and Wilson's theorems, multiplicative functions, quadratic reciprocity, perfect numbers and applications to Diophantine equations. Applications include public-key cryptography and integer arithmetic.

Offered: First Semester ( Odd Years)

**MATH 440 - Introduction to Abstract Algebra (3.0)**

Prerequisites: MATH 333 and MATH 339, or permission of the instructor. Students who did not complete MATH 339 at Hood must enroll in MATH 300L, MATLAB Workshop concurrently. The study of the basic structures of modern abstract algebra: groups, rings and fields. Topics include cosets, direct products, homomorphisms, quotient structures and factorization. Applications may include symmetry groups, coding theory and connections with graph theory.

Offered: Second Semester ( Even Years)

**MATH 446 - Operations Research (3.0)**

Prerequisites: MATH 320 or MGMT 312, or permission of the instructor. In-depth study of operations research methods in decision theory, linear programming, distribution models, network models, dynamic programming, game theory and simulation.

Offered: Offered as Needed

**MATH 453 - Introduction to Real Analysis (3.0)**

Prerequisites: MATH 203 and MATH 333, or permission of the instructor. An introduction to real analysis and its development: infinite series, differentiability, continuity, the Riemann and Cauchy integrals, uniform convergence. Computer exploration and visualization are an essential part of the course.

Offered: Second Semester ( Odd Years)

**MATH 454 - The Real Number System (1.0)**

Prerequisites: MATH 253 and MATH 333. A theoretical development of the real number system. Properties of real numbers. Binary operations. Associative, commutative, and distributive laws. Rational and irrational numbers. Laws of exponents. Radicals. Decimal representation. This course is intended only for students enrolled in the secondary mathematics education program. A student may not receive credit for both MATH 454 and MATH 453.

Offered: First Semester ( Even Years)

**MATH 456 - Numerical Analysis (4.0)**

Prerequisites: MATH 339 or permission of the instructor. Students who did not complete MATH 339 at Hood must enroll in MATH 300L, MATLAB Workshop concurrently. The theory and applications of numerical computing: interpolation and curve-fitting, solutions of algebraic and functional equations, numerical integration, numerical solutions of differential equations.

Offered: First Semester ( Even Years)

**MATH 470 - Seminar: History of Math (2.0)**

Prerequisites: Senior standing and either MATH 440 OR MATH 453 or permission of the department. A seminar in the history of mathematics. Students will use primary and secondary resources, both print and non-print, to explore the history of mathematics from pre-history to the present.

Offered: First Semester

**MATH 471 - Research Project in the History of Math (1.0)**

Prerequisite: MATH 470. Each student will complete a conference poster and a substantial research paper on a topic in the history of mathematics. Students will present the results of their research at an appropriate venue.

Core: Global Perspectives

Offered: Second Semester

**MATH 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**MATH 500 - Statistics (3.0)**

Basic statistical methods as they apply to education and other fields. Topics include frequency distributions and their representations, measures of central tendency and dispersion, elementary probability, statistical sampling theory, testing hypotheses, non-parametric methods, linear regression, correlation, and analysis of variance.

Offered: First and/or Summer Semester

**MATH 501 - Explorations in Geometry (3.0)**

A look at basic geometry from a more sophisticated point of view, including more advanced Euclidean and non-Euclidean geometries. Topics covered may include analytic geometry, spherical geometry, hyperbolic geometry, fractal geometry, transformational geometry. Labs in Geometer's Sketchpad will be an integral part of the course.

Offered: Second Semester ( Odd Years)

**MATH 502 - Explorations in Algebra (3.0)**

Prerequisites: MATH 505 or equivalent. An introduction to the number theory and modern algebra topics that underlie the arithmetic and algebra taught in school. The focus is on collaborative learning, communication, and the appropriate use of technology, as well as on a deep understanding of algebraic theory.

Offered: Second Semester ( Even Years)

**MATH 505 - Discrete Math (3.0)**

Introduction to the basic mathematical structures and methods used to solve problems that are inherently finite in nature. Topics include logic, Boolean algebra, sets, relations, functions, matrices, induction and elementary recursion, and introductory treatments of combinatorics and graph theory.

Offered: First Semester

**MATH 507 - Introduction to Graph Theory (3.0)**

Prerequisites: MATH 505, and enrollment in the High School Track of the MS in Mathematics Education program or an undergraduate degree in mathematics, or permission of the instructor. A rigorous study of the theory of graphs, including simple and directed graphs, circuits, graph algorithms, connectedness, planarity, and coloring problems.

Offered: Second Semester ( Odd Years)

**MATH 509 - Elementary Number Theory (3.0)**

Prerequisites: MATH 505, and enrollment in the High School Track of the MS in Mathematics Education program or an undergraduate degree in mathematics, or permission of the instructor. An introduction to the theory of numbers: divisibility, prime numbers, unique factorization, congruences, Euler's phi-function, Fermat's and Wilson's theorems, multiplicative functions, quadratic reciprocity, perfect numbers, and applications to Diophantine equations. Applications include public-key cryptography and integer arithmetic.

Offered: First Semester ( Odd Years)

**MATH 546 - Operations Research (3.0)**

Prerequisites: MATH 505, and enrollment in the High School Track of the M.S.in Mathematics Education program or an undergraduate degree in mathematics, or permission of the instructor. In-depth study of operations research methods in decision theory, linear programming, distribution models, network models, dynamic programming, game theory, and simulation.

Offered: Offered as Needed

#### **MATH 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.  
Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

#### **EDMA 579 - Capstone Project (3.0)**

Prerequisites: Completion of 21 credits in the M.S. in Mathematics Education program. Each project will focus on an idea that links mathematics to its teaching and learning. Independent reading and study, reflection, writing, and possible action research. The capstone is assigned a letter grade, which will reflect not only the quality of the final product, but also the student's performance throughout the project.

Offered: Either Semester

#### **MATH 599 - Special Topics (3.0)**

Rotating topics, offered in the summer

Offered: Summer Semester

## **MEST - MIDDLE EASTERN STUDIES**

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#### **MEST 300 - Cultures of the Middle East (4.0)**

Prerequisite: Completion of one of the following sections of the core: Visual and Performing Arts or Philosophical Inquiry. Aspects of Middle Eastern culture in the areas of art, history, literature, philosophy, religion, social and political life and thought from prehistoric times to the 18th century.

Core: Global Perspectives

Offered: Second Semester

#### **MEST 375 - Independent Study (1.0 - 3.0)**

Prerequisites: Permission of the instructor and the department chair. Study of a selected subject. Conferences and reports.

Offered: Either Semester

#### **MEST 399 - Internship (3.0 - 9.0)**

Participation in a supervised off-campus project related to Middle Eastern Studies. Credit requires submission of written work discussing the philosophical issues and/or implications of the work done in the internship. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **MEST 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

## **MGMT - BUSINESS ADMINISTRATION**

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#### **MGMT 205 - Prin of Mgmt Intro to Organizations (3.0)**

Credit by exam. The study of the characteristics of different types of organizations distinguished by purpose or structure. The implications of organizational differences for management and administration will be examined. Students will focus their study on the theoretical and empirical aspects of organizations.

Core: Social and Behavioral Analysis

Offered: Both Semesters

#### **ECMG 212 - Statistics for Economics & Management (3.0)**

Prerequisites: MATH 099 or Level II placement on Basic Math skills inventory or permission of the instructor. Not open to students who have received credit for MATH 112, PSY 211 or SOC 261. This course will introduce descriptive statistics, probability, discrete and continuous distributions, correlations, and linear regressions. Completing this course will give students the solid grounding in statistics necessary to successfully complete upper-level economics and management courses.

Core: Computation/Quantitative Literacy

Offered: Second Semester

#### **MGMT 281 - Principles of Financial Accounting (3.0)**

Credit by exam. Basic understanding of accounting information, accounting concepts, procedures, analysis and reports. The study of accounting as a tool of economic and financial analysis.

Offered: Both Semesters

#### **MGMT 284 - Principles of Managerial Accounting (3.0)**

Prerequisite: MGMT 281. Credit by exam. The use of accounting concepts and ideas developed in MGMT 281 underlying the presentation and analysis of financial data for decision making. The uses and limitations of such data for the analysis and control of managerial operations.

Offered: Both Semesters

#### **MGMT 301 - Organizational Theory and Behavior (3.0)**

Prerequisite: MGMT 205 or permission of the instructor. This course introduces students to major theoretical perspectives in organizational studies. Its multidisciplinary framework includes contributions from the social sciences to the study of individuals, groups, systems and leadership. It enables students to apply theory to application and develop analytical skills to diagnose complex phenomena and recommend strategies for managerial action.

Offered: Both Semesters

#### **ECMG 303 - Principles of Finance & Investment (3.0)**

Prerequisites: MGMT 281, ECMG 212 or MATH 112, and ECON 205 or ECON 206. Introduction to the fundamental analytical tools and use of information sources in finance and investments. Study of time value of money, valuation of securities, risk, rates of return and cash flow analysis.

Offered: Both Semesters

**MGMT 306 - Principles of Marketing (3.0)**

Prerequisite: MGMT 205. Factors involved in the marketing function relative to product development, promotion, pricing, physical distribution and the determination of marketing objectives within the framework of the marketing system and available markets.

Offered: Both Semesters

**MGMT 307 - Personnel Management (3.0)**

Prerequisite: MGMT 301. Analysis of problems and techniques faced by human resource management professionals. Topics include human resource planning, training and development, recruitment, selection, performance evaluation, compensation unions, comparable worth, affirmative action and career planning.

Offered: Second Semester

**MGMT 312 - Analytical Methods of Management (3.0)**

Prerequisites: MGMT 205, ECMG 212 or MATH 112, and either ECON 205 or ECON 206. Open to sophomores, juniors or seniors, or permission of the instructor. This course introduces students to the fundamental concepts of the analytical methodology useful in the managerial decision-making process. It begins with a basic review of math, linear algebra and calculus as they are used in business. After which, it covers decision theory, business forecasting, and linear programming.

Offered: Either Semester

**MGMT 313 - Employment and Labor Law (3.0)**

Prerequisites: MGMT 205, MGMT 307 (or concurrent enrollment) or the permission of the instructor. This course provides insights into all aspects of employment and labor law, including employment planning, compensation, labor relations, and employee exit. Students gain an understanding of the rights and obligations of employers and employees and develop responsive management strategies involving employment and labor law issues.

Offered: First Semester

**MGMT 314 - International Business (3.0)**

Prerequisites: ECON 206 and MGMT 205 Introduction to the international, foreign and domestic environments affecting international businesses. Aspects of globalization as it pertains to multinational enterprises will also be covered from the perspectives of business organization, marketing, finance, and strategy.

Core: Global Perspectives

Offered: Both Semesters

**MGMT 315 - Managing Nonprofit Organizations (3.0)**

Prerequisite: MGMT 205 or permission of the instructor. Open to sophomores, juniors and seniors. An introduction to the management of nonprofit organizations with special emphasis on social entrepreneurship, volunteer management and effective strategies for marketing, fund development and resource management.

Offered: Either Semester

**MGMT 321 - Intermediate Accounting I (3.0)**

Prerequisite: MGMT 284. The first of a two-semester course sequence to cover intermediate accounting. A study of valuation of assets and equities, measurement of income, analysis and preparation of financial statements, and use of generally accepted accounting principles.

Offered: First Semester

**MGMT 322 - Intermediate Accounting II (3.0)**

Prerequisite: MGMT 321. A continuation of the intermediate accounting two-semester sequence. A study of stockholders' equity, special liabilities, accounting changes, price changes and accounting issuances of the APB and FASB.

Offered: Second Semester

**CAMG 330 - Social Media (3.0)**

Prerequisites: MGMT 205 and either CMA 201 or CMA 310 Drawing from information systems, social science, and communications, students will explore social media trends and applications. Connections will be made to organizational objectives and strategies, including design, implementation, and assessment. Topics covered include the origins of social media, impact on news dissemination, communication styles, campaigns, crowdsourcing, conflict resolution, and impact on society.

Offered: Second Semester

**MGMT 331 - Auditing (3.0)**

Prerequisites: MGMT 321 and MGMT 322. This course delivers a basic understanding of auditing function in accounting from both an internal and external perspective, but concentrating on external auditing. Included will be an analysis of why auditing is necessary and how to complete an audit in an organization.

Offered: First Semester

**MGMT 335 - Teaching Assistantship in Management (1.0 - 2.0)**

Prerequisite: Permission of the Management faculty. (May be repeated for a maximum of 4 credits) Assist with accounting, finance and management courses. The teaching assistant holds tutorials, offers review sessions and assists students with computer and quantitative projects. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**MGMT 350 - Business and Social Forces (3.0)**

Prerequisites: MGMT 205, MGMT 301 and ECON 205. The study of business as a social institution in the midst of a complex of communities with varying expectations and political and economic power. This perspective complements economic models of the firm and behavioral models of the organization.

Offered: First Semester ( Even Years)

**MGMT 375 - Independent Study (1.0 - 3.0)**

Prerequisite: Permission of the chair of the department. (Either semester/1, 2, or 3 credits) Reading and/or research in a selected field of management.

Offered: Either Semester

**ITMG 388 - Management Information Systems (3.0)**

Prerequisite: MGMT 301. Study of the management decision-making framework, needs assessment, types of management information systems, selection, evaluation and implementation of systems. Social and policy issues are also considered.

Offered: Both Semesters

**MGMT 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**CAMG 399 - Internship in Integrated Marketing Comm (3.0)**

Prerequisites: Open to declared IMC majors; permission of co-directors required. Practical experience in which students apply integrated marketing and communication concepts and skills in an appropriate business setting. Grading is on a satisfactory/unsatisfactory basis. Permission of IMC co-directors required. May be repeated once. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**MGMT 399 - Internship in Management (3.0)**

Prerequisites: Completion of at least half of the Common Body of Knowledge courses and junior or senior standing. A learning experience with an appropriate organization to provide familiarity with the management concepts, skills and attitudes required for success in a specific career. The student is responsible for developing appropriate work projects, and each must meet department guidelines and be approved. At least 40 hours of work will be completed for each credit. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**MGMT 402 - Business Finance (3.0)**

Prerequisite: ECMG 303. Financial management of business enterprises, with emphasis on financial problems and policies of corporations.

Offered: First Semester

**MGMT 406 - Consumer Behavior and Analysis (3.0)**

Prerequisites: MGMT 306 The course uses concepts, principles and theories from psychology, economics, anthropology and sociology to explore the consumer acquisition process. Marketing concepts of product positioning, segmentation, brand loyalty, preference and diffusion of innovations will be considered in context with environmental, ethical, multicultural and social influences.

Offered: First Semester

**MGMT 410 - Investment Analysis (3.0)**

Prerequisite: ECMG 303. Analytical techniques for appraising equity securities and short-term, intermediate-term and long-term debt instruments with a view particularly toward portfolio balance. The course will consider both the individual investor and corporate and institutional needs for cash management.

Offered: Second Semester

**MGMT 411 - Seminar in Strategic Management (3.0)**

Prerequisite: Completion of the Common Body of Knowledge. Open to seniors only. The analysis of cases in management strategy and decision-making with emphasis on the practical application of concepts in human resource management, marketing and finance. Integrates various aspects of managerial activity in a systematic approach.

Offered: Both Semesters

**MGMT 423 - Marketing Research Methods (3.0)**

Prerequisites: MGMT 306 and MATH 112 or PSY 211 or SOC 261 or ECMG 212, and permission of the instructor. The role of research in marketing is studied; skill in applying various marketing research methods is developed through field work.

Offered: Second Semester

**MGMT 424 - Marketing Communications Strategy (3.0)**

Prerequisites: MGMT 306 or permission of instructor This course covers how advertising, sales promotion, public relations, personal selling, interactive marketing and packaging decisions form a coordinated strategy. Students examine the role of integrated communications and the benefits of integrating all brand elements of the marketing mix. The course also addresses programs for new media and the challenges of a changing marketing environment.

Offered: Second Semester

**MGMT 432 - Advanced Accounting (3.0)**

Prerequisites: ECMG 303, MGMT 314, MGMT 321 and MGMT 322 This course develops an understanding of the theoretical foundation of GAAP as it relates to business combinations and consolidated financial statements. It includes advanced topics in partnership accounting, foreign currency and hedge accounting, international accounting standards, and accounting for government and non-profit organizations.

Offered: First Semester

**MGMT 433 - Cost Accounting (3.0)**

Prerequisite: MGMT 284. An intermediate course in accounting with emphasis on cost control. The course will include definitions and roles of budgets, forecasting, categorization of costs, inventory management, product costing and transfer pricing.

Offered: Second Semester

**MGMT 434 - Federal Tax Accounting (3.0)**

Prerequisites: MGMT 321 and MGMT 322. The course is a study of personal and corporate tax concepts, structure, and planning. It emphasizes the rules of taxation for individuals, partnerships, and corporations. Students learn estate and gift taxation, income taxation of trusts and estates, deferred compensation, and international tax. State and local taxation are also addressed.

Offered: Second Semester

**MGMT 454 - Legal Environment of Business (3.0)**

Prerequisite: MGMT 205 or permission of the department. This course provides an overview of the contemporary legal and regulatory business environment. Specifically, it relates various laws and regulations to major business functions such as employment, production, marketing, finance and international operations. The course also provides a brief overview of U.S. political and constitutional systems that are the building blocks of our regulatory environment.

Offered: Both Semesters

**ECMG 478 - International Financial Management (3.0)**

Prerequisites: ECON 206, ECMG 303, ECON 306 and MGMT 314. Open to juniors and seniors, or by permission of the instructor. This course introduces students to international finance and institutions. Topics covered are exchange rate determination theories, international corporate finance, international portfolio diversification models, foreign exchange

risk, hedging strategies, foreign exchange options, and derivatives market.

Offered: Second Semester

**ECMG 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**MGMT 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**CAMG 499 - Departmental Honors (3.0)**

**ITMG 527 - Mgmt Issues in Information Systems (3.0)**

Prerequisite: IT 514 for CS/IT majors or MGMT 566 for MBA majors, or permission of the instructor. An examination and critical assessment of real-life management issues surrounding information systems in application environments. These issues involve the management of information, project management and information resources and systems within the organization.

Offered: First Semester

**ITMG 533 - Managing Technical Project Teams (3.0)**

Prerequisite: ITMG 527. This course investigates the process of managing a computer-related project. It includes scheduling techniques and automated tools such as scheduling packages. Focus will be on the team environment conducive to successful project completion.

Offered: Second Semester

**MGMT 551 - Management Theory (3.0)**

Introduction to the structures and processes of organizations, major organizational subsystems and environments with an emphasis on organizational design and the management of change processes. Includes the study of the organization as a bureaucratic, political, cultural, social and decision-making system.

Offered: Both Semesters

**MGMT 552 - Quantitative Methods for Managers (3.0)**

This course provides a brief review of algebra and also covers basic calculus, differentiation, vectors and matrices, linear programming, optimization techniques and budget allocation. Personal computer applications as they apply to the managerial decision-making process are stressed throughout the course.

Offered: Second Semester

**MGMT 553 - Foundations of Accounting (3.0)**

The objectives of this course are to introduce students to the: (1) economic events that impact the accounting process; (2) basic accounting cycle; (3) preparation of the four primary financial

statements; (4) managerial accounting topics and use of accounting in managerial decision making.

Offered: Second Semester

**MGMT 554 - Legal Environment of Business (3.0)**

This course provides an overview of the contemporary legal and regulatory business environment. Specifically, it relates various laws and regulations to major business functions such as employment, production, marketing, finance and international operations. The course also provides a brief overview of U.S. political and constitutional systems that are the building blocks of our regulatory environment.

Offered: First and/or Summer Semester

**ECMG 556 - Statistics for Management (3.0)**

Prerequisite: MGMT 552 or equivalent. This course will provide students with the ability to collect and analyze large quantities of data for the purpose of making informed decisions. It is a survey of major statistical tools and techniques used in business research including descriptive statistics, probability, sampling distributions, regression analysis, time series, and forecasting.

Offered: Second Semester

**MGMT 560 - Leadership & Organizational Behavior (3.0)**

Prerequisite: MGMT 551 or its equivalent. Study of the behavior of individuals, small groups and their leaders in organizations. Among the topics addressed are motivation, learning, perception, job satisfaction, communication and individual and group change.

Offered: Both Semesters

**MGMT 561 - Financial Management (3.0)**

Prerequisites: MGMT 552 and MGMT 553 or their equivalents. This course introduces the fundamental concepts of financial management, including valuation, investment, financing, risk management, and dividend decisions of a firm. Specific topics include capital budgeting, cost of capital, risk and return, capital structure and dividends, working capital management and international financial management.

Offered: Both Semesters

**MGMT 562 - Financial & Managerial Accounting (3.0)**

Prerequisite: MGMT 553, or its equivalent. This course examines the use of accounting information for managerial decision-making. Students are introduced to traditional and emerging practices in accounting and the impact that various accounting methods have on organizations' financial statements. Students investigate accounting practices in real-world business cases.

Offered: Both Semesters

**MGMT 563 - Marketing Management (3.0)**

Prerequisite: MGMT 553 strongly recommended. This course provides students with an understanding of marketing and its relationship to various organizational functions. Students examine variables that marketing managers face today, with the primary objective of better managing marketing as a core function. Specific topics include forces in a firm's external environment, advertising, segmentation, positioning, consumer behavior, and product planning.

Offered: Both Semesters

**MGMT 564 - Production & Operations Management (3.0)**

Prerequisites: MGMT 552 and MATH 500 or ECMG 556, or their equivalents. This course covers the planning and control functions for manufacturing and service operations. Topics include total quality management, operations analysis, inventory control, linear programming, simulation and project planning.

Offered: Both Semesters

**MGMT 565 - International Management (3.0)**

Prerequisites: MGMT 551 or its equivalent. This course examines multinational corporations as economic, political and social institutions. Topics covered include ownership and financial strategies of multinationals, international public institutions, political risk, foreign exchange risk, comparative management and future of multinationals.

Offered: Both Semesters

**MGMT 566 - Information Management & Technology (3.0)**

Prerequisite: MGMT 551 or its equivalent. This course examines the role of information systems in organizations. Students explore the various ways in which information technology provides a competitive advantage to organizations. Managerial concerns related to the selection, evaluation and implementation of information systems are also examined.

Offered: Both Semesters

**MGMT 567 - Organizational Sustainability (3.0)**

Prerequisites: MGMT 560 strongly recommended. This course explores and analyzes contemporary business ethics issues relating to the interaction between the organization and society. It covers topics such as corporate social responsibility, environmental sustainability, moral reasoning, and stakeholder analysis. Students are challenged to add social and environmental criteria to traditional economic criteria in decision-making situations.

Offered: Both Semesters

**MGMT 568 - Accounting Information Systems (3.0)**

Prerequisites: MGMT 562 and MGMT 566 The course involves a study of accounting information systems and their impact on managerial decision-making. It focuses on technology, databases, data-flows, reporting, and internal controls. Students develop the analytical skills needed to design, implement, and maintain an accounting information system.

Offered: First Semester

**MGMT 569 - Project Management (3.0)**

Prerequisites: ECON 560, MGMT 551, MGMT 560, MGMT 552 and MATH 500 or ECMG 556, or their equivalents or permission of instructor. This course is an overview of the management of projects and project teams. Students explore different techniques for developing effective project plans, leading and directing project teams, and delivering and measuring results according to the constraints of schedule, budget, and resources. Use of modern project management software is emphasized.

Offered: Second and/or Summer Semester

**MGMT 570 - Marketing Analysis for Managers (3.0)**

Prerequisites: MGMT 552, MGMT 563 and MATH 500 or ECMG 556. This course introduces advanced methods and decision tools that can be applied to the core marketing concepts and areas examined in

MGMT563. Specific analytical methods are applied to given decision areas in order to enhance decision making. Students learn about currently available marketing research tools and apply them to solve marketing problems.

Offered: Either Semester

**MGMT 571 - Advertising Management (3.0)**

Prerequisite: MGMT 563. This course is designed to give students an understanding of the advertising process and how to manage it. Students learn the components of a successful advertising campaign and develop an appreciation for issues involved in advertising planning and decision-making. They also learn how social media and recent social science developments and theories can facilitate advertising management.

Offered: First and/or Summer Semester

**MGMT 572 - Supply Chain Management (3.0)**

Prerequisite: MGMT 563 and MGMT 564. This course examines approaches and techniques useful in the design and operation of logistics systems and integrated supply chains. It emphasizes where and how specific tools can be applied to improve overall performance and reduce the total cost of a supply chain. Topics include the planning, management, control, and operations of inventory and transportation.

Offered: First Semester ( As Needed)

**ITMG 575 - Independent Study (1.0 - 3.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**MGMT 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program. (1-6 credits)

Offered: Either Semester

**MGMT 576 - Advanced Financial Management (3.0)**

Prerequisite: MGMT 561. Considers advanced topics in corporate financial management including domestic and international capital budgeting, working capital, financing and dividend policy, hedging financial risk, mergers and acquisitions and international financial management.

Offered: Second Semester

**MGMT 577 - Portfolio and Investment Management (3.0)**

Prerequisite: MGMT 561. Covers characteristics and valuation of corporate securities, measurement of returns, market performance and efficiency, options and futures, bond portfolio strategies, duration and immunization and portfolio management theory and techniques.

Offered: First Semester

**ECMG 578 - International Financial Management (3.0)**

Prerequisite: MGMT 561. This course is designed to give a solid understanding of international finance and institutions. This is achieved through a thorough study of various exchange rate determination theories, international corporate finance and international portfolio

diversification models. To this end, exposure to foreign exchange risk and appropriate hedging strategies will be covered, along with the options and derivatives market.

Offered: Second Semester

#### **MGMT 580 - Strategic Cost Management (3.0)**

Prerequisite: MGMT 562. This course examines advanced topics in emerging areas of cost management practice. Extensive analysis of real-world manufacturing, service, governmental/non-profit organizations, and external/environmental cost helps students with issues and trends in current cost management practice.

Offered: Second and/or Summer Semester

#### **MGMT 581 - Financial Statement Analysis (3.0)**

Prerequisites: MGMT 562. This course examines the accounting principles and procedures underlying a firm's financial statements. The objective of the course is to assess the success of a firm's strategies as measured by profitability, liquidity, solvency and asset management relative to the level of risk incurred by the firm.

Offered: First and/or Summer Semester

#### **MGMT 582 - Negotiation & Conflict Resolution (3.0)**

Prerequisites: Completion of or concurrent enrollment in MGMT 560 This course will explore the dynamics of negotiation and conflict. Students will learn effective negotiation techniques and how to manage agreement. This course also examines how to make conflict a creative rather than a negative experience. Negotiation and conflict resolution skills will be analyzed and practiced.

Offered: Second Semester

#### **MGMT 584 - Leadership and Supervision (3.0)**

Prerequisites: ECON 560 and MGMT 560. Leadership theory and styles, processes of leadership in goal setting, motivation and evaluation, and personnel development related to educational, business, and agency settings.

Offered: Second Semester

#### **MGMT 585 - Human Resource Management (3.0)**

Prerequisites: Completion of or concurrent enrollment in MGMT 560 This course is designed to provide an understanding of modern human resource management. Principle areas will include employee influence, human resource flow, work systems and rewards. Cases and group exercises are included to examine job analysis, selection standards, performance evaluation, training and development and job evaluation.

Offered: First Semester

#### **MGMT 587 - Public Administration (3.0)**

Prerequisites: Completion of or concurrent enrollment in MGMT 560 A study of the principles of public administration in the United States with special attention to organization and management. Topics include fiscal, personnel, planning and public relations practices.

Offered: Second and/or Summer Semester

#### **MGMT 590 - Strategy & Competitive Advantage (3.0)**

Prerequisites: All other core courses This capstone course integrates the concept of competitive advantage and the functional disciplines of businesses using cases, seminar-presentations and a comprehensive strategic management project. It emphasizes the importance of

maintaining strategic fit in changing macro industry, and global environments. Students are challenged to solve comprehensive management problems at the strategic level of the organization.

Offered: Both Semesters

#### **MGMT 595 - Independent Applied Research Project (3.0)**

Prerequisites: Permission of the instructor and enrollment in the concentration. A basic or applied research project. A written report of the project results is required to be submitted to the instructor at the end of the project. Evidence of an approved topic with a signed "Permission to Enroll" form must be submitted to the Graduate School at the time of registration.

Offered: Either Semester

## **MSCI - MILITARY SCIENCE**

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#### **MSCI 101 - Leadership & Personal Development (1.5)**

During the first semester the course examines the unique duties and responsibilities of Army officers. This includes an introduction to the organization and role of the Army in American society. Students discuss basic leadership traits and skills such as interpersonal communication and team building. Students also analyze Army values and ethical leadership.

Offered: First Semester

#### **MSCI 102 - Introduction to Tactical Leadership (1.5)**

Prerequisite: MSCI 101 The second semester examines fundamental leadership concepts and doctrine. Students learn effective problem-solving skills and apply active listening and feedback strategies. Students also examine factors that influence leader and group effectiveness. The instructor provides an overview of the experience of any Army officer.

Offered: Second Semester

#### **MSCI 201 - Innovative Team Leadership (2.5)**

Prerequisite: MSCI 102 During the first semester students develop introspective knowledge of self, individual leadership skills, and self-confidence. Students further develop their problem-solving and critical-thinking skills while applying advanced communication, feedback, and conflict resolution skills.

Offered: First Semester

#### **MSCI 202 - Foundations of Tactical Leadership (2.5)**

Prerequisite: MSCI 201 The focus of the second semester is on self-development guided by knowledge of self and group processes. The course challenges student beliefs, knowledge, and skills. Students learn and execute squad level battle drills.

Offered: Second Semester

#### **MSCI 301 - Leadership and Problem Solving (3.0)**

Prerequisite: MSCI 202 The course examines basic skills that contribute to effective problem solving. Students analyze the role officers played in the transition of the Army from Vietnam to the 21st Century and learn how to execute the Leadership Development Program. An analysis of and planning military missions is conducted. Students learn and execute platoon level battle drills.

Offered: First Semester

### **MSCI 302 - Leadership and Ethics (3.0)**

Prerequisite: MSCI 301 In the second semester student probe leader responsibilities that foster an ethical command climate. Focus is on developing leadership competencies and studying leader responsibilities. Students apply techniques of effective written and oral communication. Students learn and execute platoon level battle drills.

Offered: Second Semester

### **MSCI 370 - Cadet Professional Development Practicum (3.0)**

Prerequisites: MSCI 102 or prior military experience or permission of the instructor. This course is for ROTC cadets who have been selected for overseas or domestic deployments to active-duty military units, training rotations with other governmental agencies, or cultural awareness immersion programs.

Offered: Summer Semester

### **MSCI 401 - Leadership and Management (3.0)**

Prerequisite: MSCI 302 This course builds on the National Advanced Leadership Camp experience, focusing on how to solve organizational and staff problems by analyzing leader counseling responsibilities and methods. Principles of motivating subordinates and organizational change by applying leadership and problem-solving principles to complex case studies and simulations is examined.

Offered: First Semester

### **MSCI 402 - Officership (3.0)**

Prerequisite: MSCI 401 Students learn to describe the legal aspects of decision-making and leadership, analyzing Army operations from the tactical to strategic levels while also assessing administrative and logistics management functions. Students perform platoon leader action and examine leader responsibilities that foster an ethical command climate.

Offered: Second Semester

## **MUSC - MUSIC**

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### **MUSC 100 - Fundamentals of Music (3.0)**

A study of the basic building blocks of music: note reading, scales, intervals, keys, triads, rhythms and meters. Geared toward those who want to learn how to read music and build on basic skills. Note: students must either pass this course or its exemption exam in order to register for MUSC 101.

Core: Art/Visual & Performing

Offered: First Semester

### **MUSC 101 - Beginning Music Theory & Musicianship (4.0)**

Prerequisite: MUSC 100 or Level I placement on the Music Fundamentals Placement Test. A study of diatonic music: concepts, terminology and skills. Topics include diatonic chords in major and minor keys, voice-leading, part-writing, harmonic progressions, intro to formal analysis, non-chord tones. Musicianship portion to include recognition of scales, intervals, triads, seventh chords, and rhythms, plus executing rhythms and sight-singing with solmization.

Core: Art/Visual & Performing

Offered: Second Semester

### **MUSC 103 - Introduction to Music (4.0)**

A study of the materials of music from a listener's point of view, the styles and composers of the various periods, and the relationship of music to the other arts and to its social and historical background.

Core: Art/Visual & Performing

Offered: Both Semesters

### **MUSC 201 - Intermediate Music Theory & Musicianship (4.0)**

Prerequisite: MUSC 101. A study of chromatic music: concepts, terminology and skills. Topics include secondary functions, modulation, binary and ternary forms, sonata form, rondo form, mode mixture, Neapolitan chords, augmented sixth chords. Aural skills to include recognition of compound intervals, seventh chords in inversion, two-part dictation, plus executing rhythms and sight-singing with solmization.

Offered: First Semester

### **MUSC 299 - Special Topics in Music (1.0 - 3.0)**

Occasional special courses, taught on a one-time basis. Topics have included study trips to Europe, a Beethoven research class, and opera history and literature.

Offered: Offered as Needed

### **MUSC 300 - Monuments of Western Music (3.0)**

Prerequisites: Junior standing and completion of the Visual and Performing Arts section of the Core curriculum. A study of one of western culture's great composers and/or important musical genres, with special attention given to the historical, social, political, philosophical, scientific, artistic and literary events of the time.

Offered: First Semester

### **MUSC 301 - Advanced Music Theory/Form & Analysis (4.0)**

Prerequisites: MUSC 201. A study of advanced, late, and post-tonal harmony and various twentieth-century systems including atonal and serial techniques, plus study of counterpoint and fugal analysis and formal analysis of works. Each student will undertake analysis of a large work for a report and class presentation. Aural skills to include recognition of form and chord progressions, plus executing rhythms and sight-singing with solmization.

Offered: Second Semester

### **MUSC 302 - World Music (3.0)**

Prerequisites: Junior standing and completion of the Aesthetic Appreciation section of the Core curriculum, or by permission of the instructor. A survey of the Non-Western musical cultures of Africa, East Asia, India, Latin America and North America within the context of ethnomusicology, aesthetics, cultural anthropology and ethnic diversity.

Core: Global Perspectives

Offered: Both Semesters

### **MUSC 303 - Music History and Literature I (4.0)**

Prerequisites: MUSC 201. This class surveys Western art music from 800 A.D. to 1800, covering the Medieval, Renaissance, Baroque, Classical, and early Romantic periods. We will discuss the major composers of these periods alongside major historical milestones such as the Reformations, the Age of Enlightenment, and the French Revolution.

Offered: First Semester ( Even Years)

**MUSC 304 - Music History and Literature II (4.0)**

Prerequisites: MUSC 201 This class surveys Western art music from 1800 to the present, covering the late Romantic, modern, and postmodern periods. We will discuss the major composers of these periods alongside major historical milestones such as the revolutions of 1848, the First and Second World Wars, the Civil Rights Era, and the internet age.

Offered: Second Semester ( Odd Years)

**HNMU 318 - Theory/Pract in the Arts:Phil of Music (3.0)**

Prerequisites: Completion of the Literary Analysis and the Visual and Performing Arts areas of the core. Open to sophomores, juniors and seniors in the Honors Program or with permission of the instructor. In this class we will survey the writings of philosophers, artists and other figures who attempted to explain why music appeals to us and what the musical experience says about human nature. Readings will be taken from antiquity, the distant past, and the present day. Our goal will be: (1) to study how philosophers have attempted to explain what the musical experience says about human nature; (2) to study what these explanations say about the time periods and cultures from which they came.

Offered: Second Semester ( Even Years)

**MUSC 335 - Teaching Assistantship in Music (2.0)**

(May be repeated for a maximum of 4 credits) An opportunity for qualified juniors or seniors to assist in the teaching of music theory or history. Interested students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**MUSC 375 - Independent Study (1.0 - 3.0)**

Prerequisite: Permission of the department. A special project or the intensive study of the music of an individual composer, periods or type, involving independent, first-hand examination of the music. May be conducted in a group when several students pursue the same study. Note: Music History and Literature Minors will pursue a topic in American or non-Western music.

Offered: Either Semester

**MUSC 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**MUSC 399 - Internship in Music (3.0 - 12.0)**

Prerequisite: Open to junior and senior music majors, with permission of the department. Supervised part-time work in a musical setting approved by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**MUSC 470 - Senior Project Music History and Lit (3.0)**

Prerequisites: Completion of all music theory and music history requirements for the major in music history and literature. The course may, if necessary, be taken in conjunction with the last semester of theory and the last 3 credits of music history. A capstone research project in which the student will work one-on-one with a professor in writing a significant historical paper in music history and literature. The student

will present his or her findings in a public reading at the end of the semester of study.

Offered: Both Semesters

**MUSC 471 - Senior Project Piano Pedagogy (3.0)**

Prerequisites: Completion of at least 8 credits of applied piano and all other requirements for the concentration in piano pedagogy. This course is usually taken in the senior year. A capstone experience for the piano pedagogy track. Students will observe and critique piano lessons in the department, write several chapters of a sample method book and teach several students of varying ability, under the supervision of a faculty member. The piano students will perform their pieces for a panel of faculty pianists for evaluation.

Offered: Both Semesters

**MUSC 474 - Junior Recital (1.0)**

Prerequisites: Student must be a declared music major in performance, must have completed at least 6 credits of applied music in the area of the recital, and must have department approval. A formal, public recital, sponsored by the music department, in which the student presents a 25-minute solo recital. The recital would normally be given in the junior year. For vocalists and pianists, the recital must be performed from memory, though one work, especially a chamber piece, may be played with the score. Piano Pedagogy students are required to play one work or a short group of pieces from memory.

Offered: Both Semesters

**MUSC 475 - Senior Recital (2.0)**

Prerequisites: MUSC 474 and completion of at least 8 credits of applied music in the area of the recital and taken in conjunction with the last two credits of applied music. Senior recital is normally given in the senior year; students must have departmental approval of the recital program and must adhere to the senior recital guidelines as set forth by the department. A formal, public recital, sponsored by the Department of Music, in which the student presents a 50-minute representative recital in one area of applied music.

Offered: Both Semesters

**MUSC 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**MUSC 500 - Monuments of World Music (3.0)**

A study of one of western culture's great composers and/or important musical genres, with special attention given to the historical, social, political, philosophical, scientific, artistic and literary events of the time.

Offered: First Semester

## MUSE - MUSIC ENSEMBLE

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### MUSE 160 - Choir (0.5)

Participation in Hood's choir, which performs both choral masterworks and lighter repertoire. Grade is based on attendance, participation and performance.

Offered: Both Semesters

### MUSE 161 - String Ensemble (0.5)

Prerequisite: Permission of the department. Participation in Hood's String Ensemble, which performs music by the masters for smaller string ensemble. There are occasional joint performances with the wind ensemble. Grade is based on attendance, participation and performance. Selection is based on audition.

Offered: Both Semesters

### MUSE 162 - Wind Ensemble (0.5)

Prerequisite: Permission of the department. Participation in Hood's Wind Ensemble, which performs music by the masters for winds and brass. There are occasional joint performances with the string ensemble. Grade is based on attendance, participation and performance. Selection is based on audition.

Offered: Both Semesters

### MUSE 163 - Early Music Ensemble (0.5)

Prerequisite: Participation must be approved by the director. Participation in Hood's Early Music Ensemble, which performs works from the earliest eras of Western music- the late Renaissance through early Baroque. Grade is based on attendance, participation and performance.

Offered: Both Semesters

### MUSE 164 - Jazz Ensemble (0.5)

Prerequisite: Selection is based on audition. Participation in Hood's Jazz Ensemble, which enables students to discover and perform music from America's great art form—jazz.

Offered: Both Semesters

### MUSE 165 - Gospel Ensemble (0.5)

Prerequisite: Permission of the instructor. Participation in Hood's Gospel Ensemble, which performs both traditional spirituals and contemporary Gospel repertoire. Grade is based on attendance, participation, and performance.

Offered: Both Semesters

### MUSE 260 - Chamber Singers (0.5)

Prerequisite: Permission of the department. Participation in Hood's Chamber Singers, which performs smaller-scale choral masterworks each semester. Selection is based on audition, and grade is based on attendance, participation and performance. Membership in Chamber Singers requires concurrent participation in Choir.

Offered: Both Semesters

### MUSE 261 - Piano Ensemble I (0.5)

Prerequisites: Permission of the instructor. A study of the literature and performance of repertoire for piano ensemble. Topics include music for one piano, four-hands, and two pianos.

Offered: Both Semesters

### MUSE 262 - Piano Ensemble II (0.5)

Prerequisites: MUSE 261. A study of the literature and performance of repertoire for piano ensemble. Topics include music with voices and other instruments.

Offered: Both Semesters

### MUSE 263 - Small Ensemble (0.5)

Prerequisites: Permission of the department. An opportunity for students to form string quartets, string trios, woodwind quintets and other groups as deemed appropriate by the department, and to rehearse and perform the literature for those groups under the direction of a faculty coach.

Offered: Both Semesters

## NUR - NURSING

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### NUR 301 - Dimensions of Professional Nursing (3.0)

Prerequisite: Admission to BSN program or permission of the instructor. This course focuses on introducing the student to nursing history and developing an understanding of the nursing profession through examination of philosophy and theory. Responsibilities of the professional nurse will be examined with respect to theory application and historical perspectives.

Offered: First Semester

### NUR 302 - Trends in Health Care Delivery (3.0)

Prerequisite: Admission to BSN program or permission of the instructor. This course introduces students to government health care policies, regulatory agencies, managed care, and health care finance from the perspective of nursing practice. Socio-cultural issues, economic, legal, ethical, political factors and the influence of advocacy groups on health care policy and medical ethics, including nursing, will be explored.

Offered: Second Semester

### NUR 303 - Health Assessment (3.0)

Prerequisite: Admission to the BSN program. This course is designed to assist the student compile a complete and comprehensive health status database through history taking, physical assessment, and documentation. Course content will reflect a holistic approach to health promotion. Effective communication, assessment and documentation will be practiced in the laboratory setting.

Offered: Summer Semester

### NUR 304 - Informatics and Health Care Technology (3.0)

Prerequisite: Admission to the BSN program or permission of the instructor. This course introduces the student to information technology and its applications in health care. The foundations of information management will be investigated. Regulatory requirements, legal and ethical issues, and privacy and confidentiality issues will be examined. Finally, the students will explore the future of technology in health care.

Offered: Second Semester

**NUR 401 - Nursing Research & Evidenced-Based Prac (3.0)**

Prerequisite: Admission to the BSN program or permission of the instructor. Introduces scientific inquiry. Discusses specific elements of the research process including problem identification, literature review, variables, research design, sampling concepts, data collection, data analysis, and interpretation. Students gain experience in research dissemination, critique, and application through a translational project.

Offered: First Semester

**NUR 402 - Ethical Issues in Contemp Health Care (3.0)**

Prerequisite: Admission to the BSN program or permission of the instructor. This course will explore ethical issues occurring in health care and nursing practice. Students will analyze personal values, the ethical and legal responsibilities in nursing practice, and factors influencing health care in vulnerable populations. Ethical issues will be examined and conceptualized using critique, expressive media, and advocacy

Offered: Second Semester

**NUR 403 - Community Health Nursing (5.0)**

Prerequisite: NUR 303 or permission of the instructor This course examines the provision of public health with the goal of promoting and preserving the health of communities. Students will examine health care in the context of local, state, national, and global resources and issues. Clinical experience as a component of public health education is required.

Offered: First Semester

**NUR 404 - Leadership in Nursing Practice (5.0)**

Prerequisite: NUR 303 This course examines managerial and leadership concepts, issues, roles and functions as applied to the role of the professional nurse in various healthcare settings. Students will have an opportunity to apply content in a clinical setting of choice.

Offered: Second Semester

## PE - PHYSICAL EDUCATION

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**PE 102 - Canoeing (0.5)**

Extra fee. Basic canoeing skills for lake and river paddling. Canoe safety, stroke work, practical boat handling, and trip planning are included. Swimming skills required. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: First Semester

**PE 104 - Swimming for Beginners (0.5)**

Basic water skills for individuals who cannot swim. Achievement of minimum competency levels in the front crawl and elementary backstroke are stressed. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

**PE 105 - Swimming (0.5)**

The front crawl, elementary backstroke, back crawl, breaststroke, and sidestroke for individuals who can swim, including an introduction to the

butterfly. Mechanical principles of movement in the water and stroke analysis are included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: First Semester

**PE 110 - Aquacise (0.5)**

Improvement in cardiovascular fitness, muscle strength, and flexibility through exercises performed in the water. Focus is on learning water exercise skills to maintain a lifelong health and wellness program. Swimming skills are not required. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 111 - Body Mechanics (0.5)**

A physical education course designed for those interested in proper body mechanics and lifting/transporting techniques. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Offered as Needed

**PE 112 - Basic Conditioning (1.0)**

Improvement in cardiovascular health, muscle strength and weight control through a basic exercise program. Aerobic activities and a variety of exercise techniques are stressed. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 114 - Aerobics (0.5)**

Improvement in cardiovascular fitness and muscle strength through vigorous dance activities. A variety of resources is used. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Offered as Needed

**PE 115 - Zumba Fitness (1.0)**

Improvement in cardio-respiratory health, muscular strength, muscular endurance, flexibility and body weight control through an aerobic exercise in combination with Latin-inspired dance. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 116 - Step Aerobics (0.5)**

Improvement in cardiovascular fitness and muscle strength through step training. Focus is on the beginning stepper with attention directed to safe stepping methods and development of a personal fitness program. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Offered as Needed

**PE 117 - Interval Circuit (0.5)**

Prerequisites: PE 114 and/or PE 116 Intense intervals of cardiovascular and muscular training. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Offered as Needed

**PE 119 - Weight Training (1.0)**

Techniques and principles of weight training. Attention is directed to correct use of all free weight and selectorized equipment in the weight room and development of an individualized fitness program stressing high intensity or low intensity endurance. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 121 - Walking Jogging for Fitness (0.5)**

The use of walking and/or jogging to improve health and fitness. Attention is directed at development of an individualized program and increased understanding of the importance of aerobic exercise. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 123 - Ballet, Basic (1.0)**

Basic technique for the barre, center, and allegro. Initial experience in improvisation is included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: First Semester

**PE 124 - Ballet, Low Intermediate (1.0)**

Prerequisites: PE 123 or permission of the instructor Development of clarity of technique, performance, balance, and low-intermediate combinations for students who have mastered basic skills. Experience in choreography also included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

**PE 126 - Aqua Zumba (1.0)**

Improvement in cardio-respiratory health, muscular strength, muscular endurance, flexibility and body weight control using water resistance with aerobic exercise in combination inspired by Latin and International Dance.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 127 - Contemporary Dance Basic (1.0)**

Basic techniques in traditional modern dance. Opportunities for individual and group improvisation are included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

**PE 139 - Jazz (1.0)**

Basic technique, barre, center, isolations, and combinations. Traditional funk and lyrical styles; improvisation and choreographical problems are included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: First Semester

**PE 140 - Jazz II (1.0)**

Prerequisites: PE 139 or permission of instructor. Intermediate Jazz Dance technique with emphasis upon clarity of movement. Barre, floor and center work, isolations and combinations are included. Also experience with choreography. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

**PE 143 - Social Dance (1.0)**

Twentieth-century dances including the waltz, polka, fox trot, latin, country line dancing, ethnic, and popular dances. Basic steps, formations, positions, and rhythms are included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 145 - Yoga (1.0)**

A basic introduction to the Iyengar and Ashtanga styles of Hatha yoga. Focus is upon basic postures with emphasis on body alignment, stretching, strengthening, breathing and relaxation techniques. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 146 - Advanced Yoga (1.0)**

Prerequisites: PE145 This course will deepen the asana practices introduced in PE 145 with the study of pranayama (advanced breathing), building more tapas (heat) with the bandhas (locks), introduce mulabandha (root lock), uddiyanabandha (flying up lock) and jalandhara bandha (throat lock). Guest teachers will share their expertise. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 147 - Tai Chi for Beginners (0.5)**

Tai chi, which originated in China as a martial art, is a mind-body practice in complementary and alternative medicine (CAM). Tai chi is sometimes referred to as "moving meditation." Over time, people began to use it for health purposes as well. The class is designed to provide an opportunity to learn and master Tai Chi skills.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 152 - Beginning Badminton (1.0)**

Basic skills of badminton for beginners, including serves, strokes, net-shots, and foot-work. Rules of badminton, scoring procedure and elementary strategy are included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 154 - Basketball (1.0)**

Basic skills for basketball will be practiced, including ball handling, shooting, passing, and defensive principles. Rules and strategies of the game will also be included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

#### **PE 162 - Flag Football (1.0)**

Allow students an opportunity to participate in an activity that promotes the five components of physical fitness: cardiovascular/cardiorespiratory fitness, muscular fitness, muscular endurance, flexibility, and body composition. Students will also gain a knowledge base foundation for the sport of flag football. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: First Semester

#### **PE 163 - Golf (0.5)**

Extra fee. Instruction in the fundamentals of golf with emphasis on developing a consistent swing. The use of all clubs, scoring, and course play are included. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Offered as Needed

#### **PE 164 - Advanced Basketball (1.0)**

Prerequisites: PE 154 or permission from instructor. Students with strong familiarity and above average skills in basketball will learn more complex fundamentals, strategy, and techniques.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

#### **PE 167 - Orienteering (0.5)**

Extra fee. An introduction to the basic skills necessary to navigate through an unknown area using a map and compass as guide. Course is held at Camp Raudy. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: First Semester

#### **PE 170 - Self Defense (1.0)**

Emphasis is on awareness of potentially dangerous situations and the mastering of techniques appropriate for self protection. A basic approach to personal protection, common sense avoidance techniques and skills such as kicks, blocks, and strikes are stressed. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

#### **PE 171 - Advanced Self Defense (1.0)**

Prerequisite: PE 170. Emphasis is on awareness of potentially dangerous situations and the mastering of weapon defense. The armed tactical training teaches the student not only defensive tactics against a variety of weapons but teaches deflection, redirection and deployment methods of unarmed self defense and use of said weapons in defense of her/his life. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

#### **PE 174 - Tennis I (1.0)**

Strokes and strategy for the beginning player. Attention is given to beginning strokes: forehand, backhand, volley, and serve. Elementary strategy is discussed along with basic rules and etiquette. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

#### **PE 187 - Rockclimbing & Rappelling (0.5)**

Prerequisite: PE 187 or permission of the instructor. Extra fee. Fundamentals of climbing and rappelling, equipment use and safety procedures. Classes are conducted on campus and at local climbing areas. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

#### **PE 189 - Rockclimbing & Rappelling II (0.5)**

Prerequisite: PE 187 or permission of the instructor. Extra fee. Advanced techniques of rock climbing and rappelling for students with previous experience in rock climbing. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

#### **PE 191 - Whitewater Canoeing (0.5)**

Prerequisite: PE 102 or previous paddle sport activity. Extra fee. Fundamentals of whitewater canoeing, including learning to "read" the water, equipment usage, and safety procedures. This course includes several river trips on whitewater. Swimming skills required. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

#### **PE 197 - Volleyball (1.0)**

Students will gain proficiency in the specific fundamental skills for volleyball (serving, passing, and attacking) and gain a knowledge of the rules, strategies and etiquette of the sport. Grading is on a satisfactory/unsatisfactory basis.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

#### **PE 198 - Advanced Volleyball (1.0)**

Prerequisites: PE 197 or permission from instructor. Students will continue to enhance proficiency in the specific fundamental skills and further their knowledge of the rules, strategies and etiquette by playing a variety of alternate formats. Students will also learn offensive and defensive schemes and position specific strategy and skill that is needed to play in local leagues and tournaments.

Core: Foundations/PE/Health & Wellness

Offered: Second Semester

#### **PE 214 - First Aid and CPR (3.0)**

Extra fee. This course teaches the application of CPR to adults, children and infants using advanced techniques including bag mask ventilation and two-person CPR, theoretical and practical aspects of emergency treatment for sudden illnesses and accidents. Nationally recognized certification in CPR for the Professional Rescuer and in basic/advanced first aid may be earned.

Offered: Both Semesters

**PE 225 - Stress Assess Contrl (3.0)**

Credit by exam. Emphasis on developing a lifestyle conducive to overall wellness through the assessment of personality, values, diet and exercise. Each student is expected to participate in an individualized stress reducing program. This course is specifically designed to meet the needs of all students regardless of physical ability.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 227 - Women's Health Issues (3.0)**

The purpose of this course is to examine major issues related to women's health with an emphasis on social, psychological, cultural, economic, political, and medical influences, particularly in the United States. Research, the translation of research into interventions, policy, and programs will be included.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 228 - Life Wellness and Health (3.0)**

The physiological, sociological and psychological aspects of health are introduced. Emphasis is placed on developing self-responsibility for total wellness. Students will participate in classroom instruction, discussion and lab work.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 250 - Introduction to Exercise Physiology (3.0)**

Provides an introductory level knowledge of exercise science and exercise physiology. Emphasis will be on the history of exercise physiology, nutrition and energy supply for exercise, cardiovascular function and exercise, on the muscular types and exercise, and on the research methods in exercise science.

Core: Foundations/PE/Health & Wellness

Offered: Both Semesters

**PE 335 - Assistantship in Physical Education (1.0 - 3.0)**

Prerequisites: Junior or senior standing and permission of the department chair. Supervised experiences related to teaching physical education, coaching an athletic team or gaining athletic training skills. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**PE 375 - Indpdnt Stdy in Phys Educ & Dance (1.0 - 3.0)**

Prerequisites: 2 credits in physical education and permission of the instructor. Intensive study in a specialized area of dance or physical education.

Offered: Either Semester

## PHIL - PHILOSOPHY

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**PHIL 200 - Contemporary Philosophical Topics (3.0)**

This course introduces students to philosophy through a discussion of problems and issues of concern to philosophers today. Sample topics include contemporary discussions of ethics and the virtues, such as

courage, conceptions of evil, just war and terrorism, and the nature and extent of human knowledge.

Core: Philosophical Inquiry

Offered: Both Semesters

**PLWS 203 - Philosophical Issues in Feminism (3.0)**

This course considers various feminist perspectives on issues concerning sex, gender, gender roles, ethics (particularly reproductive ethics), embodiment, epistemology, family, motherhood, law and politics. A majority of the readings cover contemporary perspectives, though theoretical topics and historical thinkers are also typically included.

Core: Philosophical Inquiry

Offered: Second Semester

**PLRL 205 - Classical Religion & Philosophy (3.0)**

This course introduces students to the fundamental concepts of Greco-Roman religion and philosophy. Students are introduced to the ancient world first via its public and private religious practices and then via its philosophical perspectives on issues such as free will, ethical conflicts and the nature of the just person and the just state.

Core: Philosophical Inquiry

Offered: Second Semester ( Odd Years)

**PHIL 207 - Logic (3.0)**

Credit by exam. This course is an introduction to informal logic, which uses ordinary language to identify and evaluate arguments and to identify and avoid common fallacies, and to formal symbolic logic, which uses symbolic notation and inference and equivalence rules to prove the deductive validity of arguments. (Recommended for students taking the LSAT.)

Offered: First Semester

**PHIL 211 - Phil Through Film (4.0)**

This course uses films to introduce students to some contemporary philosophical problems and issues. Topics covered may include issues in epistemology, metaphysics, personal identity, philosophy of mind, ethics, and existentialism. Particular attention will be given to questions concerning meaning and value.

Core: Philosophical Inquiry

Offered: Second Semester ( Odd Years)

**PHIL 212 - Human Nature and Society (3.0)**

An inquiry into the nature and possibilities of human beings and a critical analysis of the meaning of responsibility in society. Study will focus on matters of practical as well as theoretical import (e.g. leadership, ideal communities).

Core: Philosophical Inquiry

Offered: Both Semesters

**PLRL 219 - Ethics & Leadership (3.0)**

Ethics and leadership in key areas of society: e.g., education, religion, the military, corporations, and politics. The focus is on key principles of conduct and relevant virtues, such as courage, faith, humility, fortitude, and prudence. Theory and practice will be analyzed together, as examples will be drawn from important historical episodes.

Core: Philosophical Inquiry

Offered: Second Semester

**PHIL 220 - Professional Ethics (3.0)**

This course introduces students to the variety of ethical challenges that confront professionals in such fields as law, journalism, business and management. Students critically examine issues in professional ethics primarily by applying moral theories to practical case studies.

Core: Philosophical Inquiry

Offered: Second Semester ( Even Years)

**PHIL 221 - Ethics (3.0)**

A critical study of classical and contemporary ethical theories on the topics of ethical relativism, free will and determinism, and the source and justification of moral values. The relevance and applicability of these theories to the solution of pressing contemporary moral problems are emphasized.

Core: Philosophical Inquiry

Offered: Second Semester

**ENPL 267 - Thematic Studies:Vice and Virtue (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139.

Through analysis and discussion of selected works of great literature, students will examine themes of vice and virtue. Topics may include the relation between individual and community, evil, ends and means, the good life, and moral conflict.(H2, CT)

Core: Literature

Offered: Either Semester

**PLRL 301 - Indian Thought (3.0)**

Prerequisite: Completion of the Philosophical Inquiry section of the Core. An introduction to the religious and philosophical traditions of India. Special emphasis will be given to the Upanishads and Bhagavad Gita, the classical philosophical systems and the mythologies of Hinduism and to the Buddhist traditions of South Asia.

Core: Global Perspectives

Offered: Second Semester

**PHIL 305 - Great Figures: Western Political Thought (3.0)**

Prerequisite: Completion of a course in philosophy: PHIL 200, PLWS 203, PLRL 205, PHIL 212, PHIL 221, PLRL 301, PLRL 306 or PHIL 319. This course introduces students to the philosophical texts and ideas of an important historical figure or of a group of closely related thinkers in the history of philosophy. Students may repeat when a study of a different figure is offered.

Offered: Summer and/or Both Semesters

**PLRL 306 - Chinese Thought (4.0)**

Prerequisite: Completion of the Philosophical Inquiry section of the Core. An introduction to the religious and philosophical traditions of China from the Shang dynasty to the modern era. Special emphasis is given to the role of ancestor veneration, ritual, social and political ethics, the development of the Confucian and Daoist traditions, the global diaspora of Confucianism, and the encounter of Confucianism with modernity (including the modern West).

Core: Global Perspectives

Offered: Second and/or Summer Semester

**PHIL 307 - Hist of Phil: Ancient World to Renaiss (4.0)**

Prerequisite: Completion of a course in philosophy: PHIL 200, PLWS 203, PLRL 205, PHIL 212, PHIL 221, PLRL 301, PLRL 306 or PHIL 319.

This course introduces some of the significant Western philosophical texts and thinkers from the ancient world to the Renaissance. The philosophical works of Plato, Aristotle, Augustine, Cicero, Anselm and Aquinas, as well as topics in political philosophy, ethics, epistemology, religion, metaphysics and philosophy of law, are typically covered.

Offered: First Semester

**PHIL 308 - Hist of Phil:Early Modern to 20thC (4.0)**

Prerequisite: Completion of a course in philosophy: PHIL 200, PLWS 203, PLRL 205, PHIL 212, PHIL 221, PLRL 301, PLRL 306 or PHIL 319.

This course introduces some of the primary texts and thinkers of Western philosophy from the 17th century to the 20th century. Thinkers covered typically include Descartes, Hobbes, Locke, Hume, Kant, Hegel, Marx, Kierkegaard and Nietzsche. Topics include philosophical issues in epistemology, metaphysics, ethics and political theory.

Offered: Second Semester ( Even Years)

**PHIL 314 - Seminar:American Intellectual Tradition (3.0)**

Prerequisites: Completion of the Philosophical Inquiry section of the Core or permission of the instructor. A survey, from the Puritans to the present, of major figures and currents in American thought. The course will cover not only philosophers but representatives of the worlds of literature, religion, politics, social reform and economics, as well.

Offered: First Semester ( Even Years)

**HNPL 315 - Literature of Moral Reflection (3.0)**

Prerequisite: Open to sophomores, juniors or seniors in the Honors Program, or permission of the instructor. Through analysis and discussion of works of great literature, students will examine questions concerning human nature and ethical responsibility. Authors may include Tolstoy, Greene, Hurston, Marx, Golding, Camus, Sophocles and C.S. Lewis.

Offered: Second Semester ( Odd Years)

**HNPL 316 - Perspectives in Global Health (3.0)**

Prerequisites: Completion of the Scientific Thought and Philosophical Inquiry areas of the Core. Open to sophomores, juniors, and seniors in the Honors Program or with permission of the instructor. This course examines basic advances in genetics, reproductive medicine and in combating infectious diseases and explores their ethical implications, particularly for non-Western cultures. Students use a case study approach to consider topics like genetics, epidemics, euthanasia and reproductive technology from a global, non-Western perspective.

Core: Global Perspectives

Offered: First Semester ( As Needed)

**PHIL 319 - Biomedical Ethics (3.0)**

Prerequisites: One course from the Scientific Thought section of the Core and completion of the Philosophical Inquiry section of the Core. This course takes a philosophical and scientific approach to understanding current ethical issues in medicine and covers topics such as abortion, euthanasia, genetic engineering, genetic testing, informed consent, organ transplantation and experimentation with human subjects.

Offered: Both Semesters

**PHIL 360 - Topics in Ancient Greek Philosophy (3.0)**

Prerequisite: Completion of a course in philosophy: PHIL 200, PLWS 203, PLRL 205, PHIL 212, PHIL 221, PLRL 301, PLRL 306 or PHIL 319.

This course considers topics in ancient Greek philosophy, such as Aristotle's Ethics and Plato's Republic. Students may repeat the course when it is taught under a different topic.

Offered: Offered as Needed

**PHIL 375 - Independent Study in Philosophy (1.0 - 3.0)**

Prerequisites: 6 credits in philosophy and permission of the instructor. Students work independently on some philosophic subject matter selected in consultation with the department. Reports and papers are given during the semester.

Offered: Either Semester

**PHIL 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**PHIL 399 - Internship (3.0 - 6.0)**

Prerequisites: 18 credits in philosophy and permission of the department. Participation in a supervised off-campus educational project that provides students with an opportunity to exercise philosophical reflection in a nonacademic setting. Credit requires submission of written work discussing the philosophical issues and/or implications of the work done in the internship. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**PLRL 470 - Senior Seminar (4.0)**

Prerequisites: 9 credits in religion and/or philosophy or permission of the instructor. Advanced study of special topics in religion or philosophy.

Offered: First Semester

**PLRL 497 - Critical Paper (1.0)**

Prerequisites: 21 credits in religion or philosophy, junior or senior standing and permission of the instructor. Credit for a critical paper is earned by substantially expanding and revising a paper the student has written for a previous course in Philosophy or Religious Studies. The final critical paper of 15 to 20 pages is to be revised under the supervision of a departmental faculty member and defended before departmental faculty and students.

Offered: Either Semester

**PHIL 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**PHIL 505 - Great Figures: Western Political Thought (3.0)**

An introduction to the philosophical works of a major figure or a group of closely related thinkers in the history of philosophy. This course introduces students to the philosophical texts and ideas of an important historical figure or figures and discusses the significance of these ideas to

the Western philosophical tradition. Students may repeat when a study of a different figure is offered.

Offered: Second and/or Summer Semester

**PHIL 507 - Hist of Phil: Ancient World to Renaiss (3.0)**

An introduction to philosophy from the Ancient world to the Renaissance. This course aims to introduce students to Western civilization through a discussion of some of the significant primary philosophical texts from ancient and medieval Europe. Thinkers typically covered include Plato, Aristotle, Augustine, Cicero, Anselm and Aquinas. Topics may include social and political philosophy, ethics, epistemology, religion, metaphysics, and philosophy of law.

Offered: First Semester

**PHIL 508 - Hist of Phil: Early Modern to 20thC (3.0)**

An introduction to the primary philosophical movements from the seventeenth century to the twentieth century. This course introduces students to the rationalist and empiricist traditions, as well as addresses philosophical issues in epistemology, metaphysics, ethics and political theory. Thinkers typically covered include Hobbes, Descartes, Locke, Rousseau, Hume, Kant, Hegel, Marx, Kierkegaard and Nietzsche.

Offered: Second Semester ( Even Years)

**PLRL 570 - Seminar in Religion and Philosophy (3.0)**

Advanced study of special topics in religion or philosophy. May be repeated once under a different topic.

Offered: First Semester

## PHYS - PHYSICS

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A grade of "C-" or above in prerequisite courses is required.

**PHYS 101 - General Physics (4.0)**

Prerequisite: Level III placement on the Basic Math Skills Inventory or MATH 120. Credit by exam. An introduction to the principles of physics: kinematics, mechanics, rotational motion, mechanical waves, sound and thermodynamics; the development of physical laws; application to practical problems.

Core: Scientific Thought-Lab

Offered: First Semester

**PHYS 102 - General Physics (4.0)**

Prerequisite: PHYS 101. Credit by exam. A continuation of PHYS 101. Wave motion, electricity, magnetism, static and time varying fields, light and optical phenomena, lenses; application to practical problems.

Core: Scientific Thought-Lab

Offered: Second Semester

**PHYS 203 - Introductory Physics I (4.0)**

Prerequisite: MATH 201 or concurrent enrollment in MATH 201. Credit by exam. Open to students who have not had PHYS 101. Topics essentially identical to those in PHYS 101, although this is a more analytical course that is primarily for majors in the sciences and mathematics. Physical laws and theories developed by application of

calculus. Designed to prepare students for advanced work in the physical sciences.

Core: Scientific Thought-Lab

Offered: First Semester

#### **PHYS 204 - Introductory Physics II (4.0)**

Prerequisites: PHYS 203 and MATH 202, or concurrent enrollment in MATH 202. Credit by exam. Open to students who have not had PHYS 102. Continuation of PHYS 203. Topics essentially identical to those in PHYS 102, but continuing the analytical approach and use of calculus.

Core: Scientific Thought-Lab

Offered: Second Semester

#### **PHYS 222 - Introduction to Modern Physics (3.0)**

Prerequisites: PHYS 101, PHYS 102 or PHYS 203, PHYS 204 and MATH 201, MATH 202. A study of selected topics from atomic theories of matter, atomic spectra, special relativity, solid state and nuclear physics.

Offered: First Semester ( Odd Years)

#### **PHYS 223 - Analog & Digital Electronics (4.0)**

Prerequisites: PHYS 204. Analog and digital circuits including diodes, transistors, mathematical circuit analysis, operational amplifiers, digital logic gates, flip-flops, registers, counters, analog-to-digital converters, digital-to-analog converters, and development of the central processing unit (CPU).

Offered: First Semester ( Odd Years)

#### **PHYS 270 - Physical Science Literature (2.0)**

Prerequisite: PHYS 203. An introduction to the literature in the physical sciences. Database searches and journal article critiques will allow students to develop an understanding of the chemical, biochemical, and physics literature, which can then be applied in their future coursework.

Offered: Second Semester

#### **PHYS 324 - Mechanics (3.0)**

Prerequisites: PHYS 101, PHYS 102 or PHYS 203, PHYS 204, and MATH 201, MATH 202. A mathematical study of statics and dynamics of particles and rigid bodies including work and energy, stability of equilibrium, motion under the action of a central force, fixed axis rotation and oscillatory motion.

Offered: Second Semester ( Even Years)

#### **PHYS 325 - Electricity & Magnetism (3.0)**

Prerequisites: PHYS 101, PHYS 102 or PHYS 203, PHYS 204 and MATH 201, MATH 202. Topics chosen from among electrostatics, Gauss' law, dielectrics, steady current, magnetic field of a current, motion of a charge in a magnetic field, electromagnetic induction, Maxwell's equations, magnetic material, Poynting vector and electromagnetic radiation.

Offered: First Semester ( Even Years)

#### **PHYS 327 - Optics (4.0)**

Prerequisites: PHYS 204. Geometrical and wave optics including interference, diffraction, polarization, scattering, and other phenomena of light; optical spectroscopy. Lab activities will include classic optics experiments and introduction to lasers, photon scattering, and Fourier optics.

Offered: Second Semester ( Odd Years)

#### **PHYS 335 - Teaching Assistantship in Physics (1.0 - 2.0)**

May be repeated for a maximum of 4 credits. An opportunity for qualified students to assist in PHYS 101, 102, 203 and/or 204 by tutoring students, correcting problem sets and/or helping set up equipment for the laboratory in these courses. Assistants work under the supervision of the physics faculty and are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **PHYS 350 - Topics in Advanced Physics (3.0)**

Prerequisites: PHYS 222. An introduction to medium energy (nuclear) and high energy (particle) physics. Discussion of the nuclear model, nucleon-nucleon forces, the Standard model, quarks, leptons, and bosons. Feynman diagrams, symmetry and conservation laws.

Offered: Second Semester

#### **PHYS 351 - Advanced Physics Lab (2.0)**

Prerequisites: PHYS 222. The course provides an opportunity for making measurements with complex physics equipment to learn both classical and modern physics experiments. The student will gain practice in communicating results in both written and oral formats.

Offered: First Semester

#### **PHYS 375 - Independent Study (1.0 - 3.0)**

Prerequisites: 6 credits of 200-level coursework in physics, and permission of the department. Independent study, reading and problems in a selected field of physics.

Offered: Either Semester

#### **PHYS 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

#### **PHYS 431 - Quantum Mechanics (3.0)**

Prerequisites: PHYS 351. Introduction to quantum mechanics, atomic and molecular structure and spectroscopy.

Offered: First Semester

#### **PHYS 432 - Thermodynamics & Statistical Mechanics (3.0)**

Prerequisite: PHYS 431. A continuation of PHYS 431. A study of statistical methods, thermodynamics and kinetics.

Offered: Second Semester

#### **PHYS 433 - Quantum Mechanics Lab (1.0)**

Prerequisites: Concurrent enrollment in PHYS 431 or permission of the instructor. Investigation of atomic and molecular structure and spectroscopy in a series of laboratory experiments and computer-based exercises.

Offered: First Semester

#### **PHYS 434 - Thermodynamics & Stat Mechanics Lab (1.0)**

Prerequisite: Concurrent enrollment in PHYS 432 or permission of the instructor. Principles of statistical mechanics, thermodynamics, and kinetics are investigated in a series of experiments and computer-based simulations.

Offered: Second Semester

**PHYS 470 - Senior Seminar (1.0)**

Prerequisites: PHYS 270, 12 credits of 200-level course work in physics. An advanced study in the physical sciences. The topic will vary according to instructor and student interest. Oral and poster presentations are required to demonstrate familiarity with the literature, integrated understanding of the topic under consideration, and proper scientific presentation style.

Offered: Second Semester

## PSCI - POLITICAL SCIENCE

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**PSCI 200 - Political Violence & Terrorism (4.0)**

An in-depth examination of the causes and patterns of modern terrorism and reactions intended to achieve justice. Students will investigate case studies of recent occurrences of terrorism and responses. Central themes will include retribution vs. reconciliation, state-sponsored terrorism, and/or international tribunals.

Offered: First Semester

**PSCI 202 - Women & Politics (4.0)**

This course examines politics from a gendered perspective with an emphasis on how gender interacts with race, class and sexuality to impact women as political beings and focuses on women's political participation in radical social movements.

Core: Social and Behavioral Analysis

Offered: First Semester

**PSCI 203 - Introduction to U.S. Politics (4.0)**

Credit by exam. An introduction to the U.S. system of government and its policy process. Will explore the foundations and structure of the government, the way in which policy is crafted in the U.S. governmental institutions and other electoral processes including elections.

Core: Social and Behavioral Analysis

Offered: First Semester

**PSCI 205 - Methods of Political Inquiry (3.0)**

Prerequisite: Any 3 credits of social science or permission of the instructor. Sophomore standing required. For political science majors, PSCI 203 or 210 is recommended. This course introduces students to a variety of quantitative and qualitative research methods used in political science. Students learn the tools needed to conduct original research. Among the topics to be covered are: survey research, interviewing, content analysis, historical analysis and legal analysis.

Offered: Second Semester

**PSCI 210 - Comparative Politics (3.0)**

An introduction to the methods of comparative inquiry with close examination of select western democracies, communist, post-communist and developing countries. Comparisons of historical processes, governmental institutions and current public policy challenges.

Core: Global Persp & Social Behav Analysis

Offered: Second Semester

**PSCI 215 - International Relations (4.0)**

An introduction to the theories and current issues of international relations. Attention given to tension between nationalism and transnationalism and to modern phenomena such as the international economy and the global environment.

Core: Global Perspectives

Offered: First Semester

**PSCI 219 - Model United Nations (1.0)**

The Model United Nations is a national and professional organization that hosts an annual simulation experience in New York City every spring. Participants assume the role of a delegate from another country, craft, and submit position papers. The course provides critical preparation for the simulation experience.

Offered: Second Semester

**PSCI 220 - MD Student Legislature (1.0)**

Prerequisite: Permission of the instructor. The MD Student Legislature is a student-run organization that brings together students from Maryland universities to conduct two legislative simulations per semester. Participants assume the role of the legislator, craft and submit legislation and shepherd bills through committee and floor debate. Grading is on S/U basis. May be repeated for a total of 4 credits.

Offered: Both Semesters

**LWPS 230 - Introduction to Law (3.0)**

Law and the legal system in the United States. The impact of legal institutions on society. The law as a reflection of political, economic and social values.

Core: Social and Behavioral Analysis

Offered: Both Semesters

**AFPS 240 - African American Politics (3.0)**

An examination of African-American political activity in the 20th century. African-American participation in the U.S. electoral process and the power structure in African-American communities.

Offered: First Semester ( Even Years)

**PSCI 299 - Special Topics in Political Science (3.0)**

Prerequisite: PSCI 203. This course will be a general topics course in political science allowing faculty and students to study particular special interests in politics.

Offered: Offered as Needed

**AFPS 301 - AfAm Political Autobiography (3.0)**

Prerequisite: 3 hours in African-American history, literary criticism or politics, or permission of the instructor. This course examines the connections between autobiography, political philosophy, utopian thought and politics in African-American autobiographies analyzing to determine the criticisms authors launched against their societies, the social and political alternatives suggested and the agencies they suggested be mobilized to institute change.

Core: Historical Analysis

Offered: Offered as Needed

**PSCI 302 - 9/11 in Global Perspective (3.0)**

Prerequisites: PSCI 200 or PSCI 215 or permission of instructor. This course explores the philosophical motives of Al Qaeda, the U.S.

government's institutional responses and failures, creation of a 9/11 commission, the compromise to constitutional rights and law, the effect on political attitudes and popular culture, the ensuing Afghan and Iraq wars, and the international community's response to the tragedies of that day.

Offered: Second Semester ( Odd Years)

#### **PSCI 303 - Public Policy Analysis (4.0)**

Prerequisite: PSCI 203 or permission of instructor. Students will explore the public policy-making process and engage in public policy analysis, focusing on the theories of public policy formation and the institutions involved in the policy making process. The course will focus on several case studies of substantive policy areas.

Offered: First Semester

#### **PSCI 304 - Philanthropy and Civic Life (4.0)**

Prerequisites: Successful completion of the Social and Behavioral Analysis or Historical Analysis areas of the Core or permission of the instructor. The course examines the political and practical aspects of philanthropy. Attention is given to the responsibilities of democratic citizenship, the merits of strategies for change and the relationship between scholarly inquiry and direct action. Students will study a community-based organization.

Core: Philosophical Inquiry

Offered: First Semester

#### **PSCI 305 - U.S. Foreign Policy (3.0)**

Prerequisite: PSCI 203 or PSCI 215. Review of the contemporary U.S. foreign policy-making process. Emphasis on the history of the U.S. foreign policy, the conflict between the executive and the legislative branches, the role of interest groups and recent foreign policy crises.

Offered: Second Semester ( Every 3 Years)

#### **PSCI 307 - American Constitutional Law (3.0)**

Prerequisite: CJ 203, LWPS 230 or PSCI 203 or permission of the instructor. The powers of the state and national governments as interpreted by leading decisions of the Supreme Court of the United States. The development of modern constitutional doctrines.

Offered: First Semester

#### **PSCI 308 - Criminal Law (3.0)**

Prerequisite: LWPS 230. This course addresses the substantive study of criminal law, how society declares what conduct is criminal and what punishment should be imposed for such conduct. Such questions as what effect does heredity, environment, poverty, urban life, lack of education and unemployment have on the proclivity for criminal behavior will be examined.

Offered: Second Semester

#### **PSRL 310 - Politics of the Black Church (3.0)**

Prerequisite: 3 credits of history, religion, political science or African American studies at the 200-level, or permission of the instructor. This course examines the political manifestation of the black church from slavery, as the "invisible institution," to the "black megachurch" of the 21st century. American slavery, the Great Migration and the Civil Rights Movement, black theology, the politics of gender, class conflict, black nationalism and community development will be explored

Offered: Second Semester

#### **HNPS 313 - Great Political Trials (3.0)**

Prerequisites: Open to sophomores, juniors, and seniors in the Honors Program, or with permission of the Instructor. Satisfies either Western or Non-Western Civilization core requirement. This course analyzes great political trials that have reflected the political controversies of their time. Western tradition of law and legal analysis through trials held in the United States, France and England will be examined and contrasted and compared with trials held under socialist, Islamic and indigenous political systems.

Offered: Second Semester ( Odd Years)

#### **PSCI 317 - Urban Politics (3.0)**

Prerequisite: PSCI 203. The course examines the politics of urban areas theoretically and considers some of the classical explanations used to explain how they are governed. The course also examines cities historically, with consideration paid to the growing divide between the haves and the have-nots in U.S. cities and the growing inequalities that are based on race, gender and class.

Offered: Second Semester

#### **PSCI 320 - Congressional and Presidential Politics (3.0)**

Prerequisite: PSCI 203 or permission of the instructor. This course focuses on the President and U.S. Congress and the way in which they interact. We will examine both branches and their influence in the policy process. It includes hands-on experience including a semester-long simulation of the legislative process.

Offered: Offered as Needed

#### **PSCI 323 - Politics of the Developing World (3.0)**

Prerequisite: PSCI 210 or PSCI 215. Political regimes in the developing nations of Asia, Africa, the Middle East and Latin America.

Core: Global Perspectives

Offered: Second Semester

#### **PSCI 324 - U.S. Campaigns and Elections (3.0)**

Prerequisite: PSCI 203 or permission of the instructor. An analysis of U.S. campaigns and elections. Emphasis on the role that parties, interest groups and media play in our electoral system.

Offered: First Semester

#### **PSCI 325 - Field Work in Politics (2.0 - 3.0)**

Prerequisite: Permission of the instructor. Designed to acquaint the student with political activity. Supervised work with political campaign of student's choice.

Offered: Offered as Needed

#### **HNPS 327 - Frederick City, MD: From Colony to Suburb (3.0)**

Prerequisites: Completion of the Social and Behavioral Analysis area of the Core. Open to political science majors and sophomores, juniors, and seniors in the Honors Program, or with permission of the instructor. Frederick City will be studied from the perspectives of art, demography, economics, history, literature, race, politics and sociology. The evolution of Frederick City from a frontier colony to a suburb of Washington, DC will be examined in the light of regional, national and global forces,

Offered: Offered as Needed

**PSCI 332 - Ancient Medieval Political Thought (4.0)**

Prerequisite: Fulfillment of the Historical Analysis section of the Core or permission of the instructor. A critical examination of the political writings of classical and medieval philosophers. Emphasis will be on the development and evolution of concepts such as democracy, justice, citizenship, community and the relationship between church and state.

Offered: First Semester

**PSCI 333 - Modern Political Thought (4.0)**

Prerequisite: PSCI 203 or permission of the instructor. Open to sophomores, juniors and seniors. Development of political ideas from Machiavelli to the present day. Analysis of the great political traditions in the context of contemporary problems. Democratic liberalism, socialism, fascism and communism.

Offered: Second Semester

**PSCI 335 - Teaching Assistantship in Political Sci (1.0)**

Prerequisites: Junior or senior standing, PSCI 203 and permission of the department. The assistant attends classes, tutor students, show films and participates in periodic conferences with the instructor and other teaching assistants, and may include assisting in other class-related projects, such as organizing field trips, speakers and discussion sessions. May be taken only once. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**PSCI 336 - Gender and the Law (3.0)**

Prerequisite: PSCI 203, PSCI 307 or permission of the instructor. A study of the various areas of sex-based legal discrimination and an examination of the relevant cases and statutes.

Offered: Second Semester

**HSPS 345 - Global Persp/Women, Power & Politics (4.0)**

Prerequisite: One of the following: HIST 262, HIST 263, PSCI 202, PSCI 210, PSCI 215 The course focuses on the different ways gender structures women's political experiences and how race, class and ethnicity intersect with gender in shaping political consciousness and action.

Readings will emphasize women's power within established formal government structures and informal exercise of power through religion, family and society

Core: Global Perspectives

Offered: Offered as Needed

**AFPS 350 - African Politics (3.0)**

Prerequisites: HIST 246 or permission of the instructor. An introductory survey of post-independence political patterns and processes in Africa. Emphasis will be given to current political dynamics such as democratization and state-society relations. Case studies in Southern and Eastern Africa will be used.

Core: Global Perspectives

Offered: First Semester ( Even Years)

**AFPS 353 - Contemporary Afr Political Thought (3.0)**

Prerequisite: HIST 246 or AFPS 350 or completion of the Philosophical Inquiry section of the Core. An introduction to African political thought from the pre-colonial period to the present. Emphasis will be given to the impact of Islam, cultural nationalism, nationalism, revolutionary theories, democracy, African socialism and Marxism of major African political theorists.

Core: Global Perspectives

Offered: Offered as Needed

**HNPS 354 - African Political Autobiography (3.0)**

Prerequisite: HIST 246, AFPS 353, or completion of the Philosophical Inquiry section of the Core. Open to sophomores, juniors, or seniors in the honors program or permission of the instructor. This course explores the connections between autobiography, political philosophy and politics in African autobiographies. Selections from the 17th to the 21st centuries will be analyzed by authors from East, North, Central and Southern Africa to determine how they criticized their societies, suggested social and political alternatives and promoted social change

Core: Global Perspectives

Offered: Offered as Needed

**AFPS 355 - African American Political Thought (3.0)**

Prerequisite: Junior or senior standing only, or permission of the instructor. The course examines African-American political thought in the 18th, 19th and 20th centuries within the parameters of Western political discourse. Topics include the changing definitions of African-American conservatism, neoconservatism, nationalism, liberalism, radicalism and feminism.

Offered: Second Semester ( Odd Years)

**HNPS 356 - Jamestown: Commemoration/Interpretation (3.0)**

Prerequisites: Completion of the Social and Behavioral Analysis category of the Core. Open to political science majors and sophomores, juniors or seniors in the Honors Program or with permission of the instructor.

This course will explore the ways in which national historical events are commemorated with specific reference to the 2007 Jamestown celebrations. The issues of race, politics, and gender will be examined as well as the ways in which the founding of Jamestown is represented in film and literature.

Offered: First Semester ( As Needed)

**PSCI 375 - Independ Study in Political Science (1.0 - 3.0)**

Prerequisite: Permission of the department. A readings course to supplement the regular offerings of the department. Conferences and written reports.

Offered: Either Semester

**PSCI 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**PSCI 399 - Internship in Political Science (3.0 - 15.0)**

Prerequisites: 18 credits in political science and permission of the instructor. Note: only 3 credits from PSCI 399 count toward the 30 credits of political science required for majors. An introduction to political behavior in a legal or policy-making setting through supervised full- or part-time work for a complete semester or an equivalent summer term (14 weeks). Students may be placed in a variety of settings: governmental or legislative offices, the court system, interest groups or research organizations. Grading is S/U.

Offered: Either Semester

**PSCI 399C - Internship Colloquium in Political Sci (1.0)**

Co-Requisite: PSCI 399. The class will meet on a regular basis, read the assigned materials, process the internship experience with reference to the courses they have completed in the discipline, and present their experiences at the end of the semester. This course is mandatory for all students taking an internship for the first time. For a second internship, it is optional. Grading is S/U.

Offered: Both Semesters

**PSCI 405 - Civil Liberties (3.0)**

Prerequisites: 12 credits of political science, history and sociology, including PSCI 203 and SOC 101, and permission of the instructor. The theory and history underlying civil liberties in contemporary American culture. Cases and readings. Freedom of expression and association, freedom of religion, fair trial and rights of the accused.

Offered: First Semester

**LWPS 406 - International Law (3.0)**

Prerequisites: PSCI 215 or LWPS 230 or PSCI 307, or permission by instructor. This course will investigate the basic question underlying the debate over the utility of international law. The influence of global civil society, multinational corporations, and other non-state actors in the development and application of international law will be examined.

Offered: Second Semester ( Odd Years)

**ECPS 414 - Environmental Policy (3.0)**

Prerequisites: PSCI 203, PSCI 210 or PSCI 215 and ECON 310 or permission of the instructor. This is a comparative course on the making and implementing of environmental policies in developed and developing countries. The focus is on the evolution of environmental policymaking and on the problems associated with implementing environmental policies in different political and institutional contexts.

Offered: Second Semester

**PSCI 470 - Seminar on Politics (3.0)**

Prerequisites: PSCI 205 and senior standing or permission of the department. This is the capstone course required of all political science majors. It is an intensive study of political topics which will vary each year. Presentation of oral reports and preparation of research papers.

Offered: Second Semester

**PSCI 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**PSCI 500 - Government in Contemporary Society (3.0)**

The relationship of the individual to government. The political situation in the United States.

Offered: Offered as Needed

**AFPS 501 - AfAm Political Autobiography (3.0)**

This course examines the connections between autobiography, political philosophy, utopian thought and politics in African American autobiographies. Selected African American political autobiographies will

be analyzed to determine the criticisms authors launched against their societies, the social and political alternatives suggested, and the agencies they suggested be mobilized to institute change.

Offered: Offered as Needed

**PSCI 505 - Civil Liberties (3.0)**

Prerequisite: Permission of the department. The theory and history underlying civil liberties in contemporary American culture. Cases and readings. Freedom of expression and association, freedom of religion, fair trial, rights of the accused.

Offered: First Semester

**PSCI 507 - American Constitutional Law (3.0)**

The powers of the state and national governments as interpreted by leading decisions of the Supreme Court of the United States. The development of modern constitutional doctrines.

Offered: First Semester

**ECPS 514 - Environmental Policy (3.0)**

This is a comparative course on the making and implementing of environmental policies in developed and developing countries. The focus is on the evolution of environmental policy making and on the problems associated with implementing environmental policies in different political and institutional contexts.

Offered: Second Semester

**AFPS 553 - Contemporary African Political Thought (3.0)**

An introduction to African political thought from the pre-colonial period to the present. Emphasis will be given to the impact of Islam, cultural nationalism, nationalism, revolutionary theories, democracy, African socialism and Marxism of major African political theorists.

Offered: Offered as Needed

**PSCI 575 - Independent Study (1.0 - 3.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**PSCI 585 - Master's Field Work Project (6.0)**

Supervision of the master's field work project. Required of all degree candidates who select the field work project option.

Offered: Either Semester

**PSCI 595 - Independent Research Project (3.0)**

Prerequisites: PSY 503, permission of the instructor and enrollment in the concentration. A basic or applied research project. A written report of the project results is required to be submitted to the instructor at the end of the project. Evidence of an approved topic with a signed Permission to Enroll Form must be submitted to the Graduate School at the time of registration.

Offered: Either Semester

## PSY - PSYCHOLOGY

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Students enrolling in psychology courses must have earned a grade of "C-" or higher in each prerequisite course.

### **PSY 101 - Introduction to Psychology (4.0)**

Credit by exam. An introduction to the basic methods, principles and facts of modern psychology contributing to an understanding of human behavior and experience. Selected students may be eligible for an honors section of this course.

Core: Social and Behavioral Analysis

Offered: Both Semesters

### **PSY 203 - Survey Clin Commnty & Counsel Psy (4.0)**

Prerequisite: PSY 101. An introduction to the practice of psychology as applied to the prevention, assessment and treatment of mental health problems. Focus is on such topics as the theoretical bases for therapeutic skills and methods, principles and ethics of testing and treatment, historical and current issues and trends and the relevance of research to application.

Offered: Second Semester

### **PSY 204 - Psychology of Death (4.0)**

Review of the psychological aspects of death, dying, and bereavement. Topics include euthanasia, suicide, the grief process, fears and attitudes toward death, coping with dying, and developmental perspectives. Emphasis is on helping individuals deal with this inevitable event in an open and honest way.

Offered: Both Semesters

### **PSY 205 - Social Psychology (4.0)**

The scientific study of the social behavior of individuals as they interact with others. Topics include: perception of others, affiliation, interpersonal attraction, aggression, small group dynamics, leadership, conformity, conflict, group decision making and productivity, altruism, attitude formation and change.

Offered: Both Semesters

### **PSY 206 - Psychology of Women (4.0)**

Prerequisite: PSY 101. A survey of biological and environmental factors that affect the development of behaviors, attitudes and personality traits in women at different stages in their life cycle. Theoretical and empirical approaches to a better understanding of the values, goals, problems and abilities of women will be considered.

Offered: Both Semesters

### **PSY 208 - Psychology of Adolescence (4.0)**

Prerequisite: PSY 101. The psychological development of the normal individual from the beginning of puberty to the attainment of maturity. Research findings are examined for the purpose of understanding and guiding the development of adolescents in the home, the school, the peer group and the community

Offered: First Semester

### **PSY 211 - Elementary Statistics (4.0)**

Prerequisite: Level II placement on the Basic Math Skills Inventory, MATH 099 or equivalent mathematics background. Not open to students

who have received credit for ECMG 212, MATH 112 or SOC 261.

Statistical methods, including frequency distributions and graphing, averages, measures of variability and correlation, t-tests, analysis of variance and several distribution-free tests. Examples are drawn from the social, behavioral and biological sciences.

Core: Computation/Quantitative Literacy

Offered: Both Semesters

### **PYSO 221 - Social Gerontology (4.0)**

Prerequisite: PSY 101 or SOC 101. A study of the social aspects of aging. This course explores the role of aged individuals within society and the influence society has on them. Topics include health, income, housing, family relationships, retirement, leisure and institutionalization.

Offered: Either Semester

### **PSY 239 - Developmental Psychology (4.0)**

Introduction to the basic concepts and issues of psychological and biological growth and development from conception to old age. Emphasis placed on biophysical, cognitive and psychosocial development throughout the lifetime, and the important roles of gender and culture in this process. Applied aspects of developmental psychology are emphasized.

Offered: Second Semester

### **AFPY 270 - AfAm Psychological Perspectives (4.0)**

This course will explore the theories, research and practices of African-American psychology. Themes include the definition and development of African-American psychology, identity and personality formation of African-Americans, and historical and current issues affecting the lives of African Americans.

Offered: Second Semester

### **PSY 312 - Non-Experimental Research Methods (4.0)**

Prerequisites: PSY 101 or its equivalent and PSY 211 (C- minimum grade) or permission of instructor. This integrated lecture and lab course exposes students to non-experimental research designs, specifically correlational, quasi-experimental, and single-case designs, as well as qualitative research. Students create and administer a survey as well as code, analyze, and interpret the data collected from it. PsycINFO and APA style tutorials provided.

Offered: First Semester

### **PSY 315 - Experimental Research Methods (4.0)**

Prerequisites: PSY 312 (C- minimum grade). This integrated lecture and lab course exposes students to experimental research designs, specifically simple and factorial between participant, within participant, and mixed designs. Each student conducts his/her own experiment, culminating in a final manuscript and poster presented to the College community.

Offered: Second Semester

### **PSY 319 - Drugs & Behavior (4.0)**

Prerequisite: PSY 101 or permission of the instructor. Examines the major classes of drugs that affect behavior, including drugs of abuse and drugs used in the treatment of mental disorders. The course includes exploration of the historical background of drugs and drug use, as well as social context.

Offered: Second Semester

**PSY 335 - Teaching Assistantship in Psychology (1.0 - 4.0)**

Prerequisites: 20 credits of psychology including PSY 212 and 213, and permission of the instructor. A teaching practicum in PSY 101 for advanced psychology majors. Regularly scheduled hours will include meeting with course instructor regarding teaching experiences, methods, and issues, administration of quizzes/tests, tutoring, and guest lecturing. Relevant reading and a paper will be required. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**PSY 370 - Seminar in Contemporary Issues (4.0)**

Prerequisite: Junior standing or permission of department. The study of selected issues and/or social problems that are of interest to psychologists. Each issue will be examined from the various perspectives of specialists within the discipline. Students will participate through readings in primary sources, individual reports, discussion and possible field work.

Offered: Either Semester

**PSY 370A - Seminar: Introduction to Counseling (4.0)**

Prerequisite: Junior standing or permission of department. By way of an intensive training group experience, students will improve their communication skills (attending and responding), will learn about client needs throughout the life span, counselor role and ethics, history and status of counseling as a profession, major schools of counseling theory and practice, and present and future work settings.

**PSY 370B - Seminar: Industrial-Organizational Psych (3.0)**

Prerequisite: Junior standing or permission of department. Findings and techniques derived in all fields of psychology have been adopted and adapted by I/O psychologists and used in military and civilian workplaces for nearly 100 years. This course is designed to provide an overview of I/O Psychology including individual, group, and organizational issues resulting in enhanced understanding of the world of work and how the science of psychology is used in the business environment.

Offered: Offered as Needed

**PSY 370C - Seminar: Death and Dying (4.0)**

Prerequisite: Junior standing or permission of department. This course focuses on how people's conceptions of dying, death, and bereavement have changed over the centuries, as well as on how they are experienced by various cultures, ethnic groups, and religions (including religious traditions surrounding death, cross-cultural mourning practices, and diverse philosophies of the role of death in life).

Offered: Offered as Needed

**PSY 370E - Sem: Psychology of Human Sexuality (4.0)**

This course will focus on the psychological, physical, and social aspects of human sexuality, addressing issues such as research methods, female and male anatomy, arousal and response, gender identity and roles, attraction, communication, sexual orientation, conception/pregnancy/childbirth, contraception and abortion, sexuality in childhood, adolescence, and adulthood, sexual dysfunctions, sexually transmitted infections, and sexual coercion/violence.

Offered: Offered as Needed

**PSY 370F - Seminar: Cognitive Psychology (4.0)**

Cognitive psychology is the scientific study of the mind. Our mind creates and controls mental functions, such as memory, perception,

attention, language, emotions, and reasoning. Our mind also creates representations of our world so that we can act within it to achieve our goals. This course will look at all these interesting areas of study.

Offered: Offered as Needed

**PSY 370H - Seminar: Postive Psychology (3.0)**

Prerequisite: Junior standing or permission of department. The course will provide an introduction to positive psychology. It is designed to explore theories, concepts, research behind the concepts, and exercises that enhance well-being. In the last half-century psychology has largely focused on decreasing maladaptive emotions and behaviors, while ignoring optimal functioning. This course focuses on the psychological aspects of a fulfilling and flourishing life. Topics include happiness, life satisfaction, character strengths, optimism, willpower, empathy, friendship, love, achievement, creativity, mindfulness, and humor.

Offered: Offered as Needed

**PSY 370I - Seminar:Psy Bases of Criminal Behav (4.0)**

Prerequisite: PSY 101 and junior standing or permission of the instructor. The purpose of the course is to give students an understanding of delinquent and criminal behavior from a psychological perspective—with particular focus on the developmental and cognitive-behavioral aspects of offending. Viewing the juvenile and adult offender as being embedded and continually influenced by multiple systems, it highlights how psychological, social, economic, political and ecological factors all play a role in influencing individual behavior. Assigned readings and the independent research required for engaged participation will utilize and expand on research, communication, and writing skills acquired in other courses.

Offered: Offered as Needed

**PSY 373 - Psychology of Aging (4.0)**

Prerequisite: PSY 101 or permission of the instructor. Examination of the psycho-physiological changes that occur with age that have an effect on the individual's neural structure, biological functioning, cognitive abilities, personality development and social interactions. Considers the special methodological and research design problems of studying aging adults.

Offered: First Semester

**PSY 375 - Independent Study in Psychology (1.0 - 4.0)**

Prerequisites: 6 credits in psychology and permission of the instructor. Investigation of a psychological problem or issue according to individual interests.

Offered: Either Semester

**PSY 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**PSY 399 - Internship (4.0 - 12.0)**

Prerequisites: 18 credits in psychology and permission of the department. Individualized study and work in a cooperating laboratory or professional setting. Provides an opportunity to work with professionals in the field and to participate in research or other activities. Site approval

and components of each student's internship must be approved by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**PSY 401 - Theories of Personality (4.0)**

Prerequisites: Open to psychology majors with junior or senior standing. An overview of the different approaches to the understanding of the personality. Emphasis is placed on the normal personality.

Offered: First Semester

**PSY 409 - Learning and Memory (4.0)**

Prerequisites: Open to psychology majors with junior or senior standing. A contemporary survey of methods, theories, principles and processes in the fields of learning and memory. The course focuses on understanding the building blocks of behavior in human and nonhuman learning and operant conditioning, as well as exploration of higher-order processes (e.g., language, pattern learning).

Offered: Second Semester

**PSY 418 - Physiological Psychology (4.0)**

Prerequisites: PSY 101 and PSY 312. Open to psychology majors with junior or senior standing. Explores the relationships among physiological structure, functioning and behavior. Special attention is given to the overall structure of the nervous system, as well as the physiological bases of sensation, perception, learning, memory, cognition, emotion and consciousness.

Offered: First Semester

**PSY 431 - Abnormal Psychology (4.0)**

Prerequisites: Open to psychology majors with junior or senior standing. The origins, symptoms and methods of treatment of the principal forms of deviant behavior, with illustrative case material. Social as well as clinical aspects of individual psychological problems are considered.

Offered: Second Semester

**PSY 434 - Tests and Measurements (4.0)**

Prerequisites: PSY 211 or MATH 112 or SOC 261. Open to psychology majors with junior or senior standing. A study of the testing movement, including fundamental statistical procedures. Emphasizes the use of tests in education, industry and clinical practice. Observation and participation in individual and group testing.

Offered: First Semester

**PSY 441 - History of Psychology (4.0)**

Prerequisites: Junior standing and 12 credits in psychology, or permission of the instructor. The history of psychology and modern psychological theories.

Offered: Both Semesters

**PSY 456 - Behavior Modification (4.0)**

Prerequisites: Open to psychology majors with junior or senior standing. Application of operant and respondent learning principles to change behaviors in a prosocial manner across individuals and situations.

Offered: First Semester

**PSY 498 - Special Topics (3.0)**

An opportunity for a group of students to explore current topics in psychology as suggested by their special interests, and those of the faculty, but not included in the regular course offerings.

Offered: Offered as Needed

**PSY 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**PSY 500 - Human Development as a Lifelong Process (3.0)**

Issues, theories, stages, tasks, and biological and environmental determinants are considered as they apply to physical, language, cognitive, learning, social, moral, and personality development. A basic human sciences course.

Offered: Second Semester

**PSY 501 - Theories of Personality (3.0)**

An overview of the different approaches to the understanding of the personality. Emphasis is placed on the normal personality.

Offered: First Semester

**PSY 505 - Social Psychology: A Survey (3.0)**

The scientific study of the social behavior of individuals as they interact with other individuals. Topics include: perception of others, affiliation, interpersonal attraction, aggression, small group dynamics, leadership, conformity, conflict, group decision making, altruism, attitude formation and change. A basic human sciences course.

Offered: Both Semesters

**PSY 508 - Intro to Counseling & Helping Skills (3.0)**

Designed to facilitate basic competency in interpersonal communication skills and introductory knowledge of the helping professions. Readings and class discussions focus on client needs throughout the life span, counselor role and ethics, history and status of counseling as a profession and present and future work settings.

Offered: First Semester

**PSY 509 - Learning and Memory (3.0)**

A contemporary survey of methods, theories, principles and processes in the fields of learning and memory. The course focuses on understanding the building blocks of behavior in human and nonhuman learning, and operant conditioning, as well as exploration of higher-order processes (e.g., language, pattern learning.)

Offered: Second Semester ( As Needed)

**PSY 511 - Theory and Principles of Counseling (3.0)**

Introduction to the literature and leading theoretical approaches to counseling with emphasis on philosophical assumptions and theories of personality that underlie counseling goals and intervention techniques applicable to various client needs.

Offered: First Semester

**PSY 518 - Physiological Psychology (3.0)**

Prerequisites: Introductory level courses in psychology and biology, a course in research methods or permission of the instructor. Explores the relationships between physiological structure and functioning and behavior. Special attention is given to the overall structure of the nervous system, as well as the physiological bases of sensation, perception, learning, memory, cognition, emotion, and consciousness.

Offered: Offered as Needed

**PSY 531 - Abnormal Psychology (3.0)**

Prerequisite: A course in general psychology, or permission of the department. The origins, symptoms and methods of treatment of the principal forms of deviant behavior, with illustrative case material. Social as well as clinical aspects of individual psychological problems are considered.

Offered: Summer Semester

**PSY 534 - Tests and Measurements (3.0)**

A study of the testing movement, including fundamental statistical procedures. Emphasizes the use of tests in education, industry and clinical practice. Observation and participation in individual and group testing.

Offered: First Semester

**PSY 556 - Behavior Modification (3.0)**

Application of operant and respondent learning principles to change behaviors in a prosocial manner across individuals and situations.

Offered: Summer Semester

**PSY 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**PSY 575R - Research Literature Review (1.0)**

Prerequisite: Permission of instructor. A thorough survey and critical evaluation of scholarly articles, books, and other sources relevant to a particular area of research or theory in the Human Sciences. The final written paper must conform to the APA's guidelines. Requires evidence of an approved topic with a signed Permission to Enroll Form for registration.

Offered: Either Semester

**PSY 580 - Master's Thesis Preparation (6.0)**

The master's thesis should exhibit those qualities that are associated with genuine research: scholarship, logical consistency, creativity and comprehensiveness. The student should submit, in writing, a tentative thesis proposal. After official approval, the student will be registered and may begin work on the thesis.

Offered: Either Semester

**PSY 585 - Master's Field Work Project (6.0)**

Supervision of the master's field work project. Required of all degree candidates who select the field work project option.

Offered: Either Semester

**PSY 590 - Teaching Assistantship (1.0 - 3.0)**

Prerequisites: By invitation of the department. A teaching practicum for advanced Human Sciences students with regularly scheduled hours assisting in selected undergraduate psychology courses. Hours will include regular consultations with course instructor regarding teaching experiences, methods and issues. Grading will be on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**PSY 595 - Independent Research Project (3.0)**

Prerequisite: Permission of the instructor. A basic or applied research project involving extended independent work and emphasizing principles of experimental research design. A written report must be submitted at the end of the project. Evidence of an approved topic with a signed Permission to Enroll Form must be submitted to the Graduate School at the time of registration.

Offered: Either Semester

**PSY 598 - Special Topics (3.0)**

An opportunity for a group of students to explore current topics in psychology as suggested by their special interests, and those of the faculty, but not included in the regular course offerings.

Offered: Either Semester

## REL - RELIGION

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**REL 200 - What is Religion? Intro to Relig Studies (3.0)**

An exploration of religion and religions in their various dimensions. Covers important myths and rituals and how they guide us in daily living. Special attention will be given to personal and communal religious change, reconciliation, alienation and spiritual/mystical practices and experiences

Core: Philosophical Inquiry

Offered: Second Semester

**REL 203 - Old Testament (3.0)**

A critical study of the history, literature and religion of ancient Israel and the significance of the Hebrew Scriptures for Judaism and Christianity.

Core: Philosophical Inquiry

Offered: First Semester

**REL 204 - The New Testament (3.0)**

A critical study of the New Testament literature and its theological significance.

Core: Philosophical Inquiry

Offered: First Semester ( Odd Years)

**PLRL 205 - Classical Religion & Philosophy (3.0)**

This course introduces students to the fundamental concepts of Greco-Roman religion and philosophy. Students are introduced to the ancient world first via its public and private religious practices and then via its philosophical perspectives on issues such as free will, ethical conflicts and the nature of the just person and the just state.

Core: Philosophical Inquiry

Offered: Second Semester ( Odd Years)

**REL 211 - American Religious History (3.0)**

History of religion in America from the Puritans to the present day. Special attention will be given to certain themes (e.g., this nation as God's New Israel) that are especially characteristic of the American religious experience.

Core: Philosophical Inquiry

Offered: Second Semester

**REL 212 - Saint,Sinner,Heretic:Intro Christianity (3.0)**

This course explores the rich variety of Christian experiences across the centuries and around the globe. It surveys the biblical and early-church origins of the Christian movement and then examines Christian lives and institutions not only in Europe and America but also in Asia and Africa. It inquires into the careers not only of bishops and scholars but also of ordinary believers and extraordinary heretics, mystics and martyrs, seekers and saints, exemplars and reprobates.

Core: Global Persp & Philosophical Inquiry

Offered: First Semester ( Even Years)

**PLRL 219 - Ethics & Leadership (3.0)**

Ethics and leadership in key areas of society: e.g., education, religion, the military, corporations, and politics. The focus is on key principles of conduct and relevant virtues, such as courage, faith, humility, fortitude, and prudence. Theory and practice will be analyzed together, as examples will be drawn from important historical episodes.

Core: Philosophical Inquiry

Offered: Second Semester

**REL 233 - Eastern Religions (4.0)**

This course surveys the history, doctrines, and practices of Eastern religious traditions. The traditions typically covered include Hinduism, Buddhism, Daoism, Confucianism and Shinto. This course is recommended for students looking for a broad introduction to the study of religion and who wish to take 300-level courses covering Eastern religions.

Core: Philosophical Inquiry

Offered: First Semester

**PLRL 301 - Indian Thought (3.0)**

Prerequisite: Completion of the Philosophical Inquiry section of the Core. An introduction to the religious and philosophical traditions of India. Special emphasis will be given to the Upanishads and Bhagavad Gita, the classical philosophical systems and the mythologies of Hinduism and to the Buddhist traditions of South Asia.

Core: Global Perspectives

Offered: Second Semester

**REL 303 - Judaism (3.0)**

Prerequisites: Completion of the Philosophical Inquiry section of the Core. An introduction to Judaism covering major events in Jewish history, central teachings, and important rituals and practices. Will involve reading selections from Jewish scripture (Tanakh), rabbinical texts, and excerpts from the writings of well-known Jewish thinkers. Special attention will be given to Hasidism, Judaism in America, and contemporary issues.

Offered: Second Semester ( Odd Years)

**REL 304 - Islam (3.0)**

Prerequisites: Completion of the Philosophical Inquiry section of the Core. An introduction to Islam covering formative figures, significant texts, major historical events, central teachings, and influential movements.

Core: Global Perspectives

Offered: First Semester

**PLRL 306 - Chinese Thought (4.0)**

Prerequisite: Completion of the Philosophical Inquiry section of the Core. An introduction to the religious and philosophical traditions of China from the Shang dynasty to the modern era. Special emphasis is given to the role of ancestor veneration, ritual, social and political ethics, the development of the Confucian and Daoist traditions, the global diaspora of Confucianism, and the encounter of Confucianism with modernity (including the modern West).

Core: Global Perspectives

Offered: Second and/or Summer Semester

**PSRL 310 - Politics of the Black Church (3.0)**

Prerequisite: 3 credits of history, religion, political science or African American studies at the 200-level, or permission of the instructor. This course examines the political manifestation of the black church from slavery, as the "invisible institution," to the "black megachurch" of the 21st century. American slavery, the Great Migration and the Civil Rights Movement, black theology, the politics of gender, class conflict, black nationalism and community development will be explored

Offered: Second Semester

**AFRL 311 - Black Theology (3.0)**

Prerequisite: 3 credits of history, religion, political science, or African-American Studies at the 200 level, or permission of the instructor. This course introduces students to the core of black Christian theological thought: black liberation theology. We will explore the historical roots of black Christian theology and focus on some of its key tenets, like the physical depiction of Christ, the depiction of the Christian community/communities and the role of Christianity. We will identify the major points of convergence and divergence between black liberation theology and other liberation theologies such as womanist theology and Latin American liberation theology.

Offered: Second Semester

**REL 314 - Western Spirituality:Contemp Issues (3.0)**

Prerequisites: 3 credits in religion or permission of the instructor. A variety of approaches to the holy in Western spiritualities. Texts from Jewish, Christian, Muslim, and Native American sources. In-depth study of Christian spirituality. Themes such as humans' knowledge of God, the connection between faith and practice, the relation between spirituality and institutional religion.

Offered: Second Semester ( Even Years)

**HNRL 320 - Liberation Theologies (3.0)**

Prerequisites: Completion of the Philosophical Inquiry section of the Core. Open to sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. This course introduces students to

theologies and philosophies of liberation which developed in the 20th century as ways to address human oppression. Topics will include black liberation theology Latin American liberation theology, African liberation theology, mujerista theology, and womanist theology.

Offered: Offered as Needed

#### **HNRL 323 - C.S.Lewis & Friends (3.0)**

Prerequisites: Open to religion majors and sophomores, juniors or seniors in the Honors Program, or with permission of the instructor. An analysis of the fiction and nonfiction of the twentieth-century British writer C. S. Lewis. This course will also examine selected writings by other members of the group known as the Oxford Christians: e.g., Charles Williams, Austin Farrer, and Dorothy L. Sayers.

Offered: First Semester ( Odd Years)

#### **ARRL 330 - Archeology of Ancient Israel (4.0)**

Prerequisites: Art 220 or HIST 262 or permission of the instructor Examines archaeology in and around the modern country of Israel, from the Neolithic Age through the Iron Age (c. 12,000-586 B.C.), with focus on how scholars reconstruct social, economic, religious and political institutions. Evidence from archaeological sites and surveys, written documents from Israel.

Offered: First Semester ( Even Years)

#### **REL 335 - Teaching Assistantship (1.0 - 2.0)**

Prerequisite: Invitation of the department. (May be repeated for a maximum of 4 credits)

Offered: Either Semester

#### **REL 342 - From Abolitionism to Human Rights (3.0)**

Prerequisites: Completion of the Philosophical Inquiry and Historical Analysis areas of the Core or permission of the instructor. An exploration of the religious and political motivations British abolitionists had for changing the social, economic, and legal structures that supported slavery. What impact British abolitionism had on the evolution of human rights law will also be assessed.

Core: Global Perspectives

Offered: First Semester ( Even Years)

#### **REL 375 - Independent Study in Religion (1.0 - 3.0)**

Prerequisites: 6 credits in religion and permission of the instructor. Students work independently on some religious subject matter selected in consultation with the department. Reports and papers are given during the semester.

Offered: Either Semester

#### **REL 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Either Semester

#### **REL 398 - Religion Tutorial (3.0)**

Prerequisite: at least 3 credits in religion. An opportunity to work with a faculty member and a small group of students in a semester-long program of directed reading, essay writing and discussion.

Offered: Offered as Needed

#### **REL 399 - Internship in Religion (3.0 - 6.0)**

Prerequisites: 18 credits in religion and permission of the instructor. Supervised off-campus educational project with an organization or institution approved by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **REL 412 - Myth, Symbol & Ritual (3.0)**

Prerequisite: Junior or senior standing, 3 credits in Western religion, 3 credits in Non-Western religion, 3 credits in theory of religion or social scientific theory or permission of the instructor. A critical exploration of the meanings and functions of myths, symbols and rituals in a variety of the world's cultures. Readings will be drawn from a number of primary and secondary texts in an effort to understand what we mean by "myth," "symbol" and "ritual," and how these categories relate to "religion."

Offered: First Semester ( Odd Years)

#### **PLRL 470 - Senior Seminar (4.0)**

Prerequisites: 9 credits in religion and/or philosophy or permission of the instructor. Advanced study of special topics in religion or philosophy.

Offered: First Semester

#### **PLRL 497 - Critical Paper (1.0)**

Prerequisites: 21 credits in religion or philosophy, junior or senior standing and permission of the instructor. Credit for a critical paper is earned by substantially expanding and revising a paper the student has written for a previous course in Philosophy or Religious Studies. The final critical paper of 15 to 20 pages is to be revised under the supervision of a departmental faculty member and defended before departmental faculty and students.

Offered: Either Semester

#### **REL 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. (Both semesters/6 credits) The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

#### **REL 512 - Myth, Symbol and Ritual (3.0)**

A comparative study of the meaning and function of myth, symbol, and ritual in the world's various religious traditions. Readings will be drawn from ancient and modern sources.

Offered: First Semester ( Odd Years)

#### **PLRL 570 - Seminar in Religion and Philosophy (3.0)**

Advanced study of special topics in religion or philosophy. May be repeated once under a different topic.

Offered: First Semester

## SOC - SOCIOLOGY

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### SOC 101 - Principles of Sociology (4.0)

Open to all students. Credit by exam. Fundamental sociological perspectives, processes, concepts and issues. Overview of the study of social structure, social organization, social institutions, social interaction, inequality, culture and social change.

Core: Social and Behavioral Analysis

Offered: Both Semesters

### SOC 215 - Social Problems (4.0)

A systematic study of the institutional roots and social consequences of major social problems: poverty, the environment, inequality, crime and the quality of education and work and family life. Includes critical analysis of assumptions underlying popular and theoretical explanations of social problems as well as programs and policies aimed at alleviating them.

Core: Social and Behavioral Analysis

Offered: First Semester

### SOC 216 - Criminology (4.0)

Prerequisite: SOC 101. An introduction to the sociological analysis of crime. Explores dominant theoretical perspectives on the causes of and responses to crime and criminal behavior, the definition and measurement of crime, inequalities in the criminal justice system and policies directed at crime.

Offered: Second Semester

### SOSW 217 - Juvenile Delinquency & Juvenile Justice (3.0)

Prerequisite: SOC 101 or SOWK 201. An examination of major theories and research about the causes of juvenile delinquency and various approaches to its control, prevention, and treatment: juvenile court, correctional agencies, community-based programs, and strategies for working with delinquent and at-risk youth.

Offered: First Semester

### PYSO 221 - Social Gerontology (4.0)

Prerequisite: PSY 101 or SOC 101. A study of the social aspects of aging. This course explores the role of aged individuals within society and the influence society has on them. Topics include health, income, housing, family relationships, retirement, leisure and institutionalization.

Offered: Either Semester

### SOC 259 - Sociological Theory (4.0)

Prerequisite: SOC 101. An examination of the roots and development of the most important classical thinkers in sociology. The major emphasis in the course will be on Marx, Durkheim and Weber.

Offered: First Semester

### SOC 260 - Methods of Social Research (4.0)

Prerequisite: SOC 101 or permission of the instructor. An introduction to the basic research methods of the social sciences. Includes an examination of the logic underlying the scientific study of human behavior and the social world as well as the research designs and techniques, both quantitative and qualitative, commonly used in social research: experiments, surveys, content analysis, field research, historical-comparative research, and program evaluation

Offered: First Semester

### SOC 261 - Quantitative Methods for Social Sciences (4.0)

Prerequisites: SOC 260 or permission of instructor and MATH 098 or Level IB placement on the Basic Math Skills Inventory. An introduction to the methods used to analyze and interpret quantitative social science data with an applied focus. Students will demonstrate effective communication of quantitative data by accessing, interpreting, and presenting results in written and visual forms. Students will become familiar with various data bases as well as apply their understanding of descriptive and inferential statistics.

Core: Computation/Quantitative Literacy

Offered: Second Semester

### SOC 299 - Special Topics (3.0)

Offered at the discretion of the department.

Offered: Offered as Needed

### SOC 300 - Social Inequality (4.0)

Prerequisite: SOC 101. An examination of the organization of social inequality in society. Major theoretical and research problems in the study of stratification; the forms and functions, characteristics, correlates and consequences of stratification; the distribution of wealth and power; and the relationship of social stratification to social mobility, ideology, and societal institutions.

Offered: Second Semester

### SOC 308 - Sociology of Sexuality (3.0)

Prerequisite: SOC 101 or permission of the instructor. An examination of how sexuality is constructed and regulated within a set of cultural and organizational arrangements. Emphasis is on examining the role of dominant paradigms embedded in U.S. institutions such as family, work, politics, military and religion.

Offered: Second Semester ( Odd Years)

### SOC 310 - Topics in Sociology (3.0)

Prerequisite: SOC 101. An examination of relevant concepts, issues, theories and research literature pertaining to a selected substantive area in sociology. May be repeated for credit as topics vary.

Offered: Either Semester

### SOC 310B - Topics in Soc: Gender and Crime (3.0)

An examination of how gender construction is reproduced throughout the criminal justice system. Sociological constructs such as gender socialization, gender roles, gender within institutions and gender related violence will provide the theoretical tools of analysis. Emphasis will be placed on the intersection of gender with race, ethnicity and class. Topics will include women and men as offenders, victims, and professionals in the criminal justice system. Special interest will include children of prisoners, juvenile delinquency among girls and non-traditional forms of female offending.

Offered: Either Semester

### SOC 311 - Sociology of Gender (4.0)

Prerequisite: SOC 101. A critical assessment of gender at both the individual and institutional level. Prominent gender theories and research methods will be compared, as will intersections of gender with

race/ethnicity and class. Key institutions that may be analyzed include family, work, military, media, politics and religion.

Offered: Second Semester ( Even Years)

#### **SOSW 312 - Addictions (3.0)**

Prerequisites: Soc 101 and SOWK 201 or permission of the instructor. An examination of current social scientific research and theory about different forms of addiction such as alcohol and other drugs, gambling, pornography, sex, food, and the internet. Students gain both a sociological understanding of addiction in its different forms as well as familiarity with current programs, policies, and social work practice models for addressing the problem of addiction.

Offered: Second Semester ( Odd Years)

#### **SOC 318 - Global Social Problems (4.0)**

Prerequisites: SOC 101. An analysis of social problems in a global context. The first part of the course focuses on the economic, political and cultural changes that produce changes between and within countries. The second part focuses on the problems associated with globalization, including poverty; disease; environmental degradation; terrorism and war; gender inequality, overpopulation; and environmental degradation.

Core: Global Perspectives

Offered: First Semester

#### **SOC 320A - Skills Wkshp:Career Prep/Soc Students (1.0)**

Prerequisite: Open to sociology majors and minors with junior or senior standing or permission of the instructor. A workshop in which students majoring or minoring in sociology and other social sciences learn how to apply their knowledge and skills to embark on a post-college career or graduate school. Readings, speakers, and assignments help students understand the job market, identify career paths, articulate their strengths to prospective employers, make choices about graduate school, and position themselves to secure employment after graduation.

Offered: Either Semester

#### **SOC 320B - Skills Workshop:Grant Proposals (1.0)**

Prerequisite: SOC 260 and SOC 261 or permission of the instructor. A workshop to help students acquire knowledge, skills, and experience in grant-proposal writing: identifying funding opportunities, making sense of grant application packets, developing an effective, evidence-based case for the program or research project, and writing and evaluating proposals.

Offered: First Semester

#### **SOC 320C - Skills Workshop: Evaluation Research (1.0)**

Prerequisite: SOC 260 and SOC 261 or permission of the instructor. A workshop to help students develop an understanding of evaluation research and experience in designing a program evaluation. Topics include purposes of evaluation research, ethical and political issues, identifying measurable outcomes, and strengths and limitations of differential methodological approaches. Students will develop an evaluation research design for a program in the Frederick community.

Offered: Second Semester

#### **SOC 323 - Ethnicity in the United States (4.0)**

A survey of the status and treatment of ethnic groups in the United States: patterns of dominant and subordinate relations; prejudice and

discrimination, historical and current problems, demographic and social background, political and social policies.

Offered: First Semester

#### **SOC 335 - Teaching Assistantship in Sociology (2.0)**

Prerequisites: Junior or senior standing and permission of the course instructor. Assist with a sociology course at the 100 or 200 level. Teaching assistants attend all classes and may also lead discussions and review sessions, tutor students, assist with grading, show films, teach a class, and other tasks as assigned; they will also meet periodically with the instructor. Grading is on an S/U basis.

Offered: Either Semester

#### **SOC 353 - Deviance and Social Control (3.0)**

Prerequisite: SOC 101 or permission of the instructor. A social constructionist approach to explaining non-normative behavior and its consequences. Analysis includes contextual processes affecting definitions of deviance as well as individual and institutional social control responses. Topics include substance use, family violence, body modification, belief systems, sexuality, mental disorders, physical disabilities and suicide.

Offered: First Semester ( Even Years)

#### **SOC 375 - Independent Study (1.0 - 3.0)**

Prerequisites: 6 credits in sociology and permission of the instructor. Reading and/or research in a selected field of sociology.

Offered: Either Semester

#### **SOC 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

#### **SOC 399 - Internship (3.0 - 15.0)**

Prerequisites: 12 hours of sociology and permission of the department. Participation in a social action, research, advocacy, human service or other organization related to student's interests and/or career goals. Site approval and components of each student's internship must be approved by and coordinated with the department faculty. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **SOC 470 - Seminar in Sociology (3.0)**

Prerequisites: SOC 101, SOC 259 and SOC 260. This is a capstone course required of all sociology majors. Through the use of several texts, the course will analyze issues, debates and controversies in sociology. The topics and texts will vary.

Offered: Second Semester

#### **SOC 482 - Practicum in Social Research (4.0)**

Prerequisite: SOC 260 and SOC 261 or permission of the instructor. Students apply social science research skills in projects undertaken independently or in collaboration with local community agencies. Independent research and individual meetings with the instructor and/or agency staff are supplemented by a weekly one-hour class meeting devoted to topics such as using online research resources, writing a

literature review, questionnaire development, focus groups, and reporting research results.

Offered: Second Semester

#### **SOC 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

#### **SOC 523 - Ethnicity in the United States (3.0)**

(First semester/3 credits) A survey of the status and treatment of ethnic groups in the United States: patterns of dominant and subordinate relations; prejudice and discrimination, historical and current problems, demographic and social background, political and social policies. A basic human science course.

Offered: First Semester

## **SOWK - SOCIAL WORK**

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A grade of "C-" or above is required in all social work courses. Credit may not be earned through portfolio evaluation for courses in social work.

#### **SOWK 201 - Intro to SoWk & the Human Services (4.0)**

Prerequisite: None. Participation in 40 hours of volunteer service is required to reinforce the course material. An introduction to the profession of social work. Includes an overview of the history of the profession, the social welfare system, professional values and ethics, the helping process, and areas of practice. Emphasis is on awareness of human diversity and the importance of examining one's own values and attitudes. Includes 40 hours volunteer work in a local human services agency.

Offered: First Semester

#### **SOWK 214 - Child Welfare Policies & Services (3.0)**

An overview of public and private human service organizations that serve children and families. Social policies that affect the welfare of children, and the values upon which these policies are based, will be explored from an historical perspective.

Offered: Second Semester

#### **SOSW 217 - Juvenile Delinquency & Juvenile Justice (3.0)**

Prerequisite: SOC 101 or SOWK 201. An examination of major theories and research about the causes of juvenile delinquency and various approaches to its control, prevention, and treatment: juvenile court, correctional agencies, community-based programs, and strategies for working with delinquent and at-risk youth.

Offered: First Semester

#### **SOWK 299 - Special Topics (3.0)**

Offered at the discretion of the department. An opportunity for groups of eight or more students to study topics suggested by their special interests and those of the faculty and not included in the regular offerings.

Offered: Offered as Needed

#### **SOWK 301 - Social Policy Human Service Program (4.0)**

Prerequisites: SOWK 201 and junior standing, or permission of the instructor. An exploration of the fundamental concepts for analyzing public social welfare policy. The major public social welfare programs will be reviewed and analyzed. Perspectives on poverty in America will also be discussed.

Offered: Second Semester

#### **SOWK 302 - Forensic Social Work (3.0)**

Prerequisites: SOC 101 and SOWK 201 or permission of the instructor. An introduction to working with individuals, families, groups and organizations that are, or have been, involved in the criminal and juvenile justice systems in the United States. Focus is on how social workers and others in the helping professions can bring about positive change through advocacy, empowerment, and therapeutic interventions for offenders and victims in various settings.

Offered: Second Semester

#### **SOSW 312 - Addictions (3.0)**

Prerequisites: Soc 101 and SOWK 201 or permission of the instructor. An examination of current social scientific research and theory about different forms of addiction such as alcohol and other drugs, gambling, pornography, sex, food, and the internet. Students gain both a sociological understanding of addiction in its different forms as well as familiarity with current programs, policies, and social work practice models for addressing the problem of addiction.

Offered: Second Semester ( Odd Years)

#### **SOWK 327 - Gerontological SoWk:Policy/Practice (3.0)**

Prerequisite: SOWK 201 or permission of the instructor. An introduction to the issues facing older adults and the policies and programs created to address them. This course exposes students who are interested in clinical practice or policy to a context in which to examine their interest. Includes field visits and involvement with senior services in addition to classroom instruction.

Offered: First Semester ( Even Years)

#### **SOWK 330 - Social Work with Families (3.0)**

Prerequisite: SOWK 201 or permission of the instructor. A study of the the family as a psychodynamic group system from a social work perspective. The purpose of this course is to give the student an understanding of the various social work intervention approaches used in helping families.

Offered: Offered as Needed

#### **SOWK 333 - The Fields of Social Service (3.0)**

Prerequisite: SOWK 201 or permission of the instructor. An examination of social work methods of intervention, the role of the professional, and characteristics of clients in various social service settings, such as corrections, health, mental health, family violence, and education. This course may be repeated for credit so long as the fields covered are different.

Offered: Either Semester

**SOWK 342 - Social Work Methods I (4.0)**

Prerequisite: Junior or senior standing, SOWK 201, or permission of the instructor. An introduction to and examination of the generalist practice skills necessary for work with individuals. Included are techniques for engaging the client, developing and implementing a treatment plan, working with diverse populations, and the value of research in practice. The student will have the opportunity to apply these skills in the subsequent field practice courses.

Offered: Second Semester

**SOWK 345 - Human Lifecycle & the Social Environment (4.0)**

Prerequisite: SOWK 201 and junior or senior standing or permission of the instructor. An overview and assessment of theories of human behavior as they relate to the development of individuals from birth to old age. The focus is upon the interplay of biological, psychological and sociocultural factors as they affect and are affected by human behavior, and upon the social systems that influence and are affected by this development.

Offered: First Semester

**SOWK 370 - Social Work Practicum (3.0)**

Prerequisites: SOWK 201, SOWK 301, SOWK 342 and permission of the department faculty. This practicum provides 120 hours of on-site work experience. Students work under the supervision of experienced, professional personnel in a human service agency. Not open to social work majors.

Offered: Either Semester

**SOWK 375 - Independent Study (1.0 - 3.0)**

Prerequisites: SOWK 201, 6 additional credits in social work, and permission of the instructor. Reading and/or research in a selected field of social work will be required. Each student must submit a typed proposal to the independent study instructor prior to course registration.

Offered: Either Semester

**SOWK 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**SOWK 442 - Social Work Methods II (4.0)**

Prerequisite: SOWK 342 or permission of the instructor. An examination of theories of planned change and techniques of intervention with families, groups, organizations, and communities. Models of practice in mezzo and macro systems will be explored and critically evaluated. Empowerment, anti-oppressive practice, and social justice are emphasized.

Offered: First Semester

**SOWK 445A - SoWk Field Practicum (4.0)**

Prerequisites: Senior standing, SOWK 201, SOWK 301, SOWK 342 and formal acceptance into the Social Work Program. A supervised field practicum experience in a social service setting that emphasizes application of social work theories, methods, and techniques. Requires 210 hours of fieldwork and 15 weekly seminar meetings each semester. Each semester-long course comprises a 4-credit practicum graded on a satisfactory/unsatisfactory basis and a 2-credit letter-graded seminar.

Offered: First Semester

**SOWK 445B - SoWk Field Seminar (2.0)**

Prerequisites: Senior standing, SOWK 201, SOWK 301, SOWK 342 and formal acceptance into the Social Work Program. Two-credit letter-graded seminar.

Offered: First Semester

**SOWK 446A - SoWk Field Practicum (4.0)**

Prerequisites: Senior standing, SOWK 201, SOWK 301, SOWK 342 and formal acceptance into the Social Work Program. A supervised field practicum experience in a social service setting that emphasizes application of social work theories, methods, and techniques. Requires 210 hours of fieldwork and 15 weekly seminar meetings each semester. Each semester-long course comprises a 4-credit practicum graded on a satisfactory/unsatisfactory basis and a 2-credit letter-graded seminar.

Offered: Second Semester

**SOWK 446B - SoWk Field Seminar (2.0)**

Prerequisites: Senior standing, SOWK 201, SOWK 301, SOWK 342 and formal acceptance into the Social Work Program. Two-credit letter-graded seminar.

Offered: Second Semester

**SOWK 452 - Seminar: The Social Work Profession (3.0)**

Prerequisites: Formal acceptance into the Social Work Program, senior standing and completion of the major requirements through SOWK 445A,B. An examination of the issues facing social workers entering professional practice. Students integrate social work knowledge, values, and skills and articulate and clarify their professional orientation and style of practice. Emphasis on critical thinking skills, practice evaluation, preparation for job searching, and identification of potential fields of practice. Completes the student's training in the program.

Offered: Second Semester

**SOWK 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

## SPAN - SPANISH

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All courses are conducted in Spanish. Students must earn a grade of "C" or better in the previous course in order to enroll in any 200-level course.

**SPAN 101 - Elementary Spanish I (4.0)**

Development of the basic language skills: listening, speaking, reading and writing. Special emphasis on aural-oral proficiency.

Core: Foundations/Foreign Language

Offered: First Semester

**SPAN 102 - Elementary Spanish II (4.0)**

Prerequisite: SPAN 101 or permission of the department chair. Credit by exam. Continuation of SPAN 101.

Core: Foundations/Foreign Language

Offered: Second Semester

**SPAN 103 - Intermediate Spanish I (3.0)**

Prerequisite: SPAN 102 or satisfactory performance in placement examination or permission of department chair. Credit by exam. Further development of language skills with emphasis on reading and oral participation.

Core: Foundations/Foreign Language

Offered: First Semester

**SPAN 104 - Intermediate Spanish II (3.0)**

Prerequisite: SPAN 103 or permission of department chair. Credit by exam. Continuation of SPAN 103.

Offered: Second Semester

**SPAN 105 - Spanish Conversation (1.0)**

Prerequisite: SPAN 102, exemption by exam or permission of department. A one-credit conversation course conducted in the language houses and designed to develop oral skills. Weekly discussions based on readings of cultural or current topics. Final grade based exclusively on attendance and participation. May be repeated.

Offered: Both Semesters

**SPAN 203 - Spanish Conversation & Composition (4.0)**

Prerequisite: SPAN 104 or satisfactory performance on placement examination or permission of the department chair. Credit by exam. Concentration on writing, conversation and structural difficulties. Reading and discussion of cultural materials of an interdisciplinary nature. Weekly written compositions.

Offered: First Semester

**SPAN 204 - Spanish Culture and Civilization (3.0)**

Prerequisite: SPAN 203 or permission of the department chair. Introduction to Spanish civilization: study of the cultural features of the Spanish language and the social, cultural and intellectual life of the Spanish people. Discussion and weekly written assignments.

Offered: Second Semester

**SPAN 207 - Cultural Perspectives on Spanish Lit I (3.0)**

Prerequisite: SPAN 104 or satisfactory performance on placement examination or permission of the department chair. An introductory course that examines texts by major Spanish writers from the Middle Ages to the Siglo de Oro. Illustrated lectures, films and selected documents of and on the period will provide the cultural background required to understand the issues found in the texts and will connect them to social, philosophical and aesthetic movements.

Core: Global Persp & Literature

Offered: First Semester

**SPAN 208 - Cultural Perspectives on Spanish Lit II (3.0)**

Prerequisite: SPAN 207 or permission of the department chair. An introductory course that analyzes literary genres and examines major Spanish texts from the Siglo de Oro through the 19th century. Illustrated lectures, films and selected documents of the period will provide the

cultural background required to understand the issues found in the texts and will connect them to social, philosophical and aesthetic movements.

Core: Literature

Offered: Second Semester

**LSSP 215 - Hispanic & Latino Film (3.0)**

Prerequisite: SPAN 203 or satisfactory performance on placement examination or permission of the department chair. A selection of films and documentaries from Latin America, Spain and the United States will be discussed as social texts that articulate through different genres and épocas, crucial issues of national identity, violence, repression, north/south relations, gender and memory as a collective reconstruction of the past. Directors may vary.

Core: Global Persp & Visual Perf Arts

Offered: Either Semester

**LSSP 220 - Latin America Today (3.0)**

Prerequisite: SPAN 104 or satisfactory performance on placement examination or permission of the department chair. A look at Latin America as it is today: historical, social, economic and geographical factors that are shaping the different countries and their people.

Offered: Offered as Needed

**SPAN 230 - Phonetics and Diction (3.0)**

Prerequisite: SPAN 104 or permission of the department chair. Study of the basic phonological structure of Spanish. Corrective drills in pronunciation, rhythm and intonation. Practice in the oral interpretation of Spanish prose, poetry and drama. Regional accents and other aspects of the spoken language.

Offered: Offered as Needed

**LSSP 240 - Latin American Lit Popular Culture (3.0)**

Prerequisite: SPAN 203 or satisfactory performance on placement examination or permission of the department chair. A survey of the main trends in literary and popular culture from the 20th century. A close reading of the foundational texts of literary historiography from Modernism to Postmodernism. Discussion of the region's key concepts: transculturation, "magical realism/marvelous real," "Boom and Postboom," "testimonio" and the new historical novel.

Offered: Offered as Needed

**SPAN 315 - Advanced Composition (3.0)**

Prerequisites: SPAN 204 and at least 6 additional credits at the 200-level, or permission of the department chair. Development of proficiency in writing Spanish, with emphasis on the contrastive aspects of English and Spanish structure. Special attention to style and to the idiomatic use of language. Introduction to translation. Weekly compositions or translations.

Offered: Second Semester

**SPAN 321 - Empire to Democracy: Century in Crisis (3.0)**

Prerequisite: SPAN 208 or permission of the department chair. Study of selected works from the Generation of 1898 to the present, interpreting the historical and ideological crises that shaped the Spanish 20th century. Focus on the impact of the 1898 colonial war, the civil war, the dictatorship and the transition to democracy. The course will examine authors such as Unamuno, Baroja, Lorca, Machado and Carmen Riera.

Offered: Offered as Needed

**SPAN 322 - Barcelona:Hercules to Olympic Games (3.0)**

Prerequisite: SPAN 207 or SPAN 208. An exploration of the city since its classical origins, with emphasis on the twentieth century, through its history, architecture and urban mythology. Use of text, image and music to illustrate the triple role of Barcelona as a Catalan, Spanish and European capital.

Offered: Offered as Needed

**LSSP 333 - Latin American Poetry (3.0)**

Prerequisite: SPAN 208 or permission of the department chair. (Student teachers may enroll for one credit) Study of selected poetry, essay and drama by Spanish-American writers such as Martí, Darío, Neruda, Gabriela Mistral, Usigli and Octavio Paz.

Core: Global Perspectives

Offered: Offered as Needed

**SPAN 335 - Teaching Assistantship in Spanish (1.0 - 3.0)**

An opportunity for qualified seniors to conduct practice sessions, tutor students and/or administer examinations in specified 100- and 200-level courses. Students are selected by the department. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**LSSP 336 - Latin American Fiction (3.0)**

Prerequisite: SPAN 208 or permission of the department chair. Main trends in contemporary novels and short stories. Azuela, Gallegos, Asturias, Borges, García Márquez, Fuentes, Sábato and other major writers.

Offered: Offered as Needed

**SPAN 343 - Spanish Theater (3.0)**

Prerequisite: SPAN 207 or SPAN 208 or permission of the department chair. Study of the development of Spanish drama and its changing styles and themes, including plays by Lope de Vega, Calderón, Tirso de Molina, Alarcón, Cervantes, Zorrilla, Benavente and García Lorca.

Offered: Offered as Needed

**SPAN 375 - Independent Study in Spanish (1.0 - 3.0)**

Prerequisites: Permission of the instructor and the department chair. Study of a selected subject. Conferences and reports.

Offered: Either Semester

**LSSP 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**SPAN 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

**SPAN 399 - Internship in Spanish (3.0 - 9.0)**

Prerequisite: Open to junior and senior majors, with permission of the department chair. Supervised work in a governmental or international

agency, in industry or other appropriate settings involving Spanish-speaking people. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**SPAN 440 - Spanish Novel (3.0)**

Prerequisite: SPAN 207 or SPAN 208 or permission of the department chair. A look at the heroic and antiheroic visions in the making of the modern Spanish novel, from Cervantes to the 19th century realists.

Offered: Offered as Needed

**LSSP 470 - Seminar (3.0)**

Prerequisites: 12 credits in Spanish above the intermediate level. A study in depth of a subject selected according to the special interests of the students and those of the faculty.

Offered: Offered as Needed

**SPAN 499 - Departmental Honors (3.0)**

Prerequisite: By invitation of the department. The departmental honors paper is a two-semester senior-year program designed for students who wish to pursue intensive research or special projects in close coordination with faculty advisers. Departmental honors students are known as the Christine P. Tischer Scholars and receive 6 credits for this work.

Offered: Offered Year Long

**SPAN 515 - Advanced Composition (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. Development of proficiency in writing Spanish, with emphasis on the contrastive aspects of English and Spanish structure. Special attention to style and to the idiomatic use of language. Introduction to translation. Weekly compositions or translations.

Offered: Second Semester

**SPAN 521 - Empire to Democracy:Century in Crisis (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. Study of selected works from the Generation of 1898 to the present, interpreting the historical and ideological crises that shaped the Spanish 20th century. Focus on the impact of the 1898 colonial war, the civil war, the dictatorship and the transition to democracy. The course will examine authors such as Unamuno, Baroja, , Lorca, Machado and Carmen Riera.

Offered: Offered as Needed

**SPAN 522 - Barcelona:Hercules to Olympic Games (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. An exploration of the city since its classical origins, with the emphasis on the 20th century, through its history, architecture, folklore and urban mythology. Use of text, image and music to illustrate the triple role of Barcelona as a Catalan, Spanish and European capital.

Offered: Offered as Needed

**LSSP 533 - Latin American Poetry (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. Study of selected poetry, essay and drama by Spanish-American writers such as Martí, Darío, Neruda, Gabriela Mistral, Usigli and Octavio Paz.

Offered: Offered as Needed

**LSSP 536 - Latin American Fiction (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. Main trends in contemporary novels and short stories. Azuela, Gallegos, Asturias, Borges, García Márquez, Fuentes, Sábato and other major writers.

Offered: Offered as Needed

**SPAN 540 - Spanish Novel (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. A look at the heroic and antiheroic visions in the making of the modern Spanish novel, from Cervantes to the 19th century realists.

Offered: Offered as Needed

**SPAN 543 - Spanish Theater (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. Study of the development of Spanish drama and its changing styles and themes including plays by Lope de Vega, Calderón, Tirso de Molina, Alarcón, Cervantes, Zorrilla, Benavente and García Lorca.

Offered: Offered as Needed

**LSSP 570 - Seminar (3.0)**

Prerequisite: Five courses in Spanish at the 200-level or above, or departmental approval. A study in depth of a subject selected according to the special interests of the students and those of the faculty.

Offered: Offered as Needed

**SPAN 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**SPAN 590 - Teaching Assistantship in Spanish (3.0)**

Prerequisites: Open to graduate students enrolled in the Master in Humanities program who have completed five courses in Spanish at the 200 level or above. Departmental permission required. A teaching practicum for advanced Spanish students with regularly scheduled hours assisting in selected lower-level Spanish courses. Hours will include regular consultations with course instructor regarding teaching experiences, methods, and content. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

## THAN - THANATOLOGY

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**THAN 510 - Professional Orientation in Thanatology (3.0)**

This course is designed to expose the student to the professional practice of thanatology. The focus will include exploring the roles and practices of thanatology; classic literature in the field; professional ethics; research methodology, and the institutions associated with thanatology.

Offered: Second Semester

**THAN 520 - Introduction to Thanatology (3.0)**

An introduction to the literature and current research in the death field. Emphasis is placed on the dying process, grief, euthanasia, suicide, and cultural views of death. A lifespan development approach is used to examine death attitudes from childhood through old age.

Offered: First and/or Summer Semester

**THAN 521 - Mourning & Princ of Counseling Bereaved (3.0)**

Prerequisite: THAN 520. This course is designed as an in-depth study of the grief process and techniques for helping those who are experiencing bereavement.

Offered: First and/or Summer Semester

**THAN 523 - Dying & Principles of Care for the Dying (3.0)**

Prerequisite: THAN 520. This course is designed to explore the relationship of dying to living; death to life. The emphasis will be on caring for the dying and their families. Designed for professionals who care for the dying, individuals planning a career working with the terminally ill and those curious about their own mortality.

Offered: Second and/or Summer Semester

**THAN 524 - Hospice:History,Princ & Administration (3.0)**

Prerequisite: THAN 520 or permission of the instructor. This course explores all aspects of Hospice care. Topics will cover the history of Hospice, various models of Hospice care, Hospice administration, the team approach, the role of the hospice volunteer and family and patient support.

Offered: Second Semester

**THAN 525 - Seminars in Thanatology (1.0)**

An in-depth study of a selected issue in thanatology. Issues may include, but are limited to the following: Disenfranchised Grief; The Near-Death Experience; The American Funeral. Students will participate through reading, discussions, guided activities, written reports, individual and/or group research.

Offered: Either Semester

**THAN 527 - AfAm Perspectives in Thanatology (3.0)**

Prerequisite: THAN 520 or permission of the instructor. This course is designed to provide an African American perspective on death, dying and bereavement. It will discuss the historical and contemporary notion that death is no stranger to black Americans. Specifically, to be black in America is to be part of a history told in terms of contact with death and coping with death.

Offered: First Semester

**THAN 528 - Developmental Perspectives:Thanatology (3.0)**

Prerequisite: THAN 520. This course is designed to familiarize the student with the scientific literature and dominant theories of a lifespan developmental perspective on death. Study death's role in life "from cradle to grave." Emphasis will be on the child's developing awareness of death and the effects of death's presence in the life of the elderly individual.

Offered: Second and/or Summer Semester

**THAN 529 - Historical/Multicultural Persp:Thanatol (3.0)**

This course focuses on two areas of thanatology: the role played by death in Western history and dying, death and bereavement as it is experienced in various cultures, ethnic groups and religions around the world.

Offered: Summer Semester

**THAN 530 - Practicum in Thanatology (1.0 - 6.0)**

Individualized study and work in a setting related to the field. Provides an opportunity to work with professionals in thanatology and to participate in research or other activities.

Offered: Either Semester

**THAN 575 - Independent Study (1.0 - 6.0)**

Reading and/or research in a selected field. An approved title for the independent study must be submitted with the registration forms.

Prerequisite: permission of the chair of the department. A maximum of 6 credits may be applied to a degree program.

Offered: Either Semester

**THAN 580 - Master's Thesis Preparation (6.0)**

Prerequisites: 3.5 G.P.A. and approval of the program faculty. The master's thesis should exhibit those qualities which are associated with genuine research: scholarship, logical consistency, creativity and comprehensiveness.

Offered: Either Semester

**THAN 590 - Teaching Assistantship in Thanatology (1.0 - 3.0)**

Prerequisites: 15 credits in thanatology, and permission of the instructor and the department. A teaching practicum for advanced Thanatology students with regularly scheduled hours assisting in selected Thanatology courses. Hours will include regular consultations with course instructor regarding teaching experiences, methods and issues. Hours will include a variety of course related work. Grading will be on a satisfactory/unsatisfactory basis.

Offered: Either Semester

**THAN 595 - Independent Applied Research Project (1.0 - 6.0)**

Prerequisite: Permission of the instructor. A basic or applied research project involving extended independent work and emphasizing principles of experimental research design.

Offered: Either Semester

## THEA - THEATER

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**THEA 101 - The Elements of Acting (4.0)**

This course introduces students to the actor's art and techniques. Students will learn and use exercises, discussion, rehearsal and performance to broaden their experience of theatre and themselves. They will also sample a spectrum of theatrical methodologies and reflect on their own learning process in order to develop their own voice as a theatre artist. There are no prerequisites for this course.

Core: Art/Visual & Performing

Offered: Both Semesters

**THEA 102 - Improvisation (4.0)**

This class is an introduction to long-form improvisation and Harold as developed by Del Close at Second City and iO in Chicago and UCB in New York. The student-improviser will be introduced to the fundamentals of improvisation: listening, trust, agreement and commitment; and come to understand callbacks, tag-outs, finding the game in a scene, yes-and, swinging doors, edits, and montage; and each student will perform many Harolds for classmates and outside audiences.

Core: Art/Visual & Performing

Offered: Second Semester

**THEA 202 - The Theatre and Films of Buster Keaton (4.0)**

Prerequisite: Fulfillment of the Composition requirement of the Core. This class is an immersion in both the theatre and cinema of the great comedic actor, director and writer Joseph Frank "Buster" Keaton. The student will come to understand Buster's personal and artistic evolution from his early theatre days as a part of his family's vaudeville act to his early silent films with Roscoe "Fatty" Arbuckle and on through his masterpiece of silent cinema *The General* (1926) and beyond.

Offered: Second Semester ( Odd Years)

**THEA 210 - Acting II (4.0)**

Prerequisites: THEA 101 and permission of instructor. This course will examine acting practices and performance principles associated with scene study and performance of published realistic plays. Characterization techniques and script analysis for actors will be covered in depth. Reading, journaling, in-class exercises and out-of-classroom rehearsals will be integral parts of this course. This course will culminate in a public performance of work.

Offered: Second Semester ( Even Years)

**ENTH 229 - History of Drama Theatre I (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. This course will examine the history, development, literary devices, and production values of a variety of theatre and drama, from Ancient Greece and Rome to the nineteenth century. Playwrights studied may include Sophocles, Aristophanes, liturgical dramatists, commedia performers, Shakespeare, Jonson, Chikamatsu, Molière, Sheridan, Tyler and Daly. (H1, G)

Core: Literature

Offered: First Semester

**ENTH 230 - History of Drama and Theatre II (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139. This course will examine the history, development, literary devices, and production values of a variety of theatre and drama, from nineteenth century Realism to the present day. Playwrights studied may include Ibsen, Wilde, Chekhov, O'Neill, Miller, Williams, Albee, Beckett, Pinter, Shepard, Mamet, Wilson and Kushner. (H2, G)

Core: Literature

Offered: Second Semester

**THEA 254 - Directing (4.0)**

Prerequisites: Permission of the instructor. This class is an introduction to the artistic process of the director focusing on the fundamentals of directing plays for live theatre. We will touch on all aspects of the

director's process from initial conception through the rehearsal process to performance.

Offered: Offered as Needed

#### **THEA 255 - Auditioning (4.0)**

Prerequisite: THEA 101 or permission of the instructor. In this course, the advanced theatre student will focus on the process of auditioning for theatre. Each student will develop six new audition pieces. We will also discuss the ins and outs of the audition process as well as the business side of acting involving headshots, professionalism and agents.

Offered: Offered as Needed

#### **THEA 299 - Special Topics (3.0)**

Offered at the discretion of the department. An opportunity for groups of eight or more students to study topics suggested by their special interests and those of the faculty and not included in the regular offerings.

Offered: Offered as Needed

#### **ENTH 303 - Elements of Playwriting (4.0)**

Prerequisite: ENGL 100 or ENGL 101 or 3 credits from ENGL 110-139 and ENGL 219. May not be taken on an audit basis. This workshop-based course is an immersion in the creative process of the playwright. Each student-playwright will begin to understand how to move from initial conception to the execution of a sketch, scene, one-act or full-length play for the stage. Each student-playwright will be introduced to the fundamentals of writing for the stage and will complete a first draft of either a one-act or a full-length play. (CW)

Offered: Second Semester ( Even Years)

#### **THEA 370 - Theater Practicum (1.0)**

Prerequisites: Declared theatre and drama minor and permission of program director. For participation in the Theatre program's curricular productions, credit can be earned in the following areas: acting, stage management, design/technical production. An audition or interview may be required and prior approval of the Hood College Theatre director is always required. Smaller roles or responsibilities may not qualify for credit. Declared theatre minors can register for one credit hour of THEA 370 per semester, up to three times. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **THEA 375 - Independent Study (1.0 - 3.0)**

Prerequisites: Permission of the instructor. Independent work in theater. Conferences.

Offered: Either Semester

## **WMST - WOMEN'S STUDIES**

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#### **WMST 200 - Method Women Studies (3.0)**

(CORE—Social and Behavioral Analysis/Historical Analysis) This course will explore the method by which the status, roles and experiences of women in history and society may be defined, primarily in the American but also in cross-cultural perspective.

Core: Historical Analysis

Offered: First Semester ( Odd Years)

#### **PLWS 203 - Philosophical Issues in Feminism (3.0)**

This course considers various feminist perspectives on issues concerning sex, gender, gender roles, ethics (particularly reproductive ethics), embodiment, epistemology, family, motherhood, law and politics. A majority of the readings cover contemporary perspectives, though theoretical topics and historical thinkers are also typically included.

Core: Philosophical Inquiry

Offered: Second Semester

#### **WMST 299 - Special Topics (3.0)**

This course introduces general topics in women's studies, allowing faculty and students to examine specific areas of interest.

Offered: Offered as Needed

#### **HNWS 312 - Revisioning Motherhood/Mod West Cultr (3.0)**

Prerequisite: Open to sophomores, juniors and seniors in the Honors Program, or with permission of the instructor. An interdisciplinary study of the institution of motherhood and its representations in modern cultural productions of the Western world. Students will examine the myth and reality of mothering by analyzing readings in social, political and psychoanalytical theory as well literary and filmic texts. This course may be used for credit in the women's studies minor.

Offered: First Semester ( Every 3 Years)

#### **WMST 375 - Independent Study (1.0 - 3.0)**

Prerequisites: WMST 200 and 3 credits in the minor and permission of the instructor. Research in a selected field of Women's Studies with faculty guidance.

Offered: Either Semester

#### **WMST 397 - Special Topics (3.0)**

An upper-level special topics course offered at the discretion of the department. The content and methods vary with the interest of students and faculty members

Offered: Offered as Needed

#### **WMST 399 - Internship (3.0 - 6.0)**

Prerequisites: 9 credits in the minor, including WMST 200, and permission of instructor and Women's Studies coordinator. Supervised application of feminist theories to analyze gender dynamics in a variety of public and private sites through supervised full- or part-time work. Sites and projects must be approved by the instructor and the Women's Studies coordinator. Grading is on a satisfactory/unsatisfactory basis.

Offered: Either Semester

#### **WMST 501 - Images of Women (3.0)**

An interdisciplinary study of issues of gender in art, religion, and society, with emphasis on the major cultural traditions of West and East. The course examines images of women from prehistoric times until about 1500 and considers the way in which these images change from period to period and from culture to culture.

Offered: Second Semester ( As Needed)

#### **WMST 512 - Revisioning Motherhood In Mod.West (3.0)**

This course consists of an interdisciplinary study of the institution of motherhood and its representations in modern cultural productions of

the Western world. Through readings in social, political, and psychoanalytical theory as well as analysis of literary and filmic texts, students will examine the myth and reality of mothering, its cultural and biological baggage, and its implications for the changing lives of women into the next century.

Offered: First Semester ( Every 3 Years)

# DIRECTORY

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## FACULTY

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Michael C.R. Alavanja, Associate Professor of Biology; B.S., M.S., City University of New York; Dr.P.H., Columbia University (1993)

Lisa Algazi Marcus, Professor of French and Chair of the Department of Foreign Languages and Literatures; B.A., Hollins College; M.A., Ph.D., Stanford University (1994)

Emilie Amt, Hildegard Pilgram Professor of History and Chair of the Department of History; B.A., Swarthmore College; Ph.D., University of Oxford (1998)

Eric Annis, Associate Professor of Biology; B.A., Boston University; M.S., Florida Institute of Technology; Ph.D., University of Maine (2008)

Elizabeth A. Atwood, Assistant Professor of Journalism; B.S., West Virginia University; M.A., University of Virginia; Ph.D., University of Maryland (2010)

Rachel Bagni, Assistant Professor of Biology; B.A., Hood College; M.Sc., Johns Hopkins University; Ph.D., Catholic University of America (2010)

Kathleen Bands, Professor of Education; B.S., M.Ed., University of North Carolina; Ph.D., University of Maryland (1984)

Martha Bari, Director of First-Year Programs and Assistant Professor of Art; B.A., The George Washington University; M.A., Ph.D., University of Maryland (1984)

Kevin H. Bennett, Associate Professor of Chemistry; B.S., James Madison University; Ph.D., University of Tennessee (2000)

Donna Bertazzoni, Professor of Journalism; B.A., Northeastern University; M.S.J., Northwestern University; M.B.A., Frostburg State University (1987)

Purnima M. Bhatt, Professor of Anthropology, History and Interdisciplinary Studies; B.A., M.A., Delhi University, India; Ph.D., Howard University (1977)

Frederick N. Bohrer, Professor of Art and Archaeology; B.A., St. John's College; M.A., Ph.D., University of Chicago (1989)

April M. Boulton, Assistant Professor of Biology and Director of the Graduate Environmental Biology Program; B.S., Centre College; M.S., Bucknell University; Ph.D., University of California, Davis (2003)

Ann L. Boyd, Professor of Biology; B.S., M.S., Northwestern State University; Ph.D., Louisiana State University (1976)

Robert W. Boyle Jr., Associate Professor of Psychology; B.A., University of Maryland; M.A., Ph.D., The Catholic University of America (1980)

Joseph T. Brady, Assistant Professor of Theater; B.S., Towson University; M.F.A., Brooklyn College (2008)

Roser Caminals-Heath, Professor of Spanish; B.A., M.A., Ph.D., University of Barcelona (1981)

Susan L. Carney, Associate Professor of Biology; B.S., Muhlenberg College; Ph.D., The Pennsylvania State University (2008)

Tiziana Cavinato, Assistant Professor of Biology, Diploma Magistrale, Istituto Magistrale A Palli, Laurea in Biologia, University of Pisa (2012)

Mary E. Champagne, Reference Services Librarian; B.A., Rhode Island College; M.L.S., University of Maryland (2012)

Elfie Chang, Librarian; B.A., National Taiwan University; M.L.S., University of Maryland (1996)

Elizabeth B. Chang, Professor of Mathematics and Computer Science; B.A., Millersville State College; M.A., Ph.D., University of Maryland (1972)

Michael Coon, Assistant Professor of Economics; B.A., American University; M.A., Ph.D., University of Wisconsin-Milwaukee (2012)

Didier Course, Professor of French; Licence, Maitrise, Université de Nancy; Ph.D., University of Pittsburgh (1995)

Jennifer Cuddapah, Assistant Professor of Education; B.A., M.Ed., Boston College; M.S., The Johns Hopkins University; Ed.D., Teachers College Columbia University (2012)

Gary E. Cuddington, Visiting Assistant Professor of Art; B.F.A., Kendall College of Art and Design; M.F.A., Rutgers University (2012)

Sherry E. Davids., Catalog and Collection Services Librarian; B.A., University of Alaska; M.S.L.S., The Catholic University of America (2012)

Casey Day, Instructor of Education and Reading Specialist; B.A., Shepherd College; M.S., Hood College (2005)

George Dimitoglou, Associate Professor of Computer Science; B.S., Temple University; M.S., University of Maryland; D.Sc., The George Washington University (2004)

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Jay Driskell Assistant Professor of History; B.A., University of Wisconsin; Ph.D., Yale University (2010)

Jill Bigley Dunham, Assistant Professor of Mathematics; M.S., Ph.D., George Mason University (2009)

Paige Eager, Associate Professor of Political Science and Chair of the Department of Political Science; B.A., M.A., Ph.D., University of Delaware (2005)

Susan Ensel, Whitaker Professor of Chemistry; B.S., Union College; Ph.D., The Pennsylvania State University (1995)

Joy S. Ernst, Professor of Social Work and Director of the Social Work Program; B.A., University of Chicago; M.S.W., Rutgers University; Ph.D., University of Maryland (2000)

Kathy F. Falkenstein, Associate Professor of Biology and Chair of the Department of Biology; B.A., Gettysburg College; M.S., West Virginia University; Ph.D., The Pennsylvania State University (1981)

Maryanne Farrell, Instructor of History; B.A., Rosemont College; M.A., Ph.D., Georgetown University (2010)

- Ingrid G. Farreras, Associate Professor of Psychology and Chair of the Department of Psychology; B.A., Clark University; M.A., M.S.T., Ph.D., University of New Hampshire (2002)
- M. Drew Ferrier, Professor of Biology; B.A., Washington and Jefferson College; M.A., Miami University, Ohio; Ph.D., University of Maryland (1993)
- Allen P. Flora, Professor of Physics; B.A., Bridgewater College; Ph.D., University of Virginia (1983)
- Katy Fulfer, NEH/Libman Assistant Professor; B.A., Freed-Hardeman University; M.A., Georgia State University; Ph.D., University of Western Ontario (2013)
- Marcella D. Genz, Reference Services Librarian; B.A., Scripps College; M.L.L.S., Ph.D., University of California at Berkeley (2013)
- John C. George, Associate Professor of Education; B.S., Georgetown University; M.Ed., The Johns Hopkins University; Ed.D., American University (2002)
- Genevieve Simandl Gessert, Associate Professor of Art; B.A., University of California, Berkeley; Ph.D., Yale University (2002)
- Steven Giardina, Visiting Assistant Professor of Biology; B.S., Manhattan College; Ph.D., University of Maryland (2012)
- Amy Gottfried, Professor of English and Director of the Graduate Humanities Program; B.A., M.A., Syracuse University; Ph.D., Tufts University (1998)
- Christy D. Graybeal, Associate Professor of Education; B.S., Moravian College; M.S., American University (2008)
- Neha Gupta, Postdoctoral Fellow in the Center for Coastal and Watershed Studies, University of Toronto, B.S., University College London, M.S., McGill University, Ph.D. (2014)
- David Gurzick, Assistant Professor of Economics and Management; B.S., Frostburg State University; M.S., Hood College; Ph.D., University of Maryland Baltimore County (2006)
- Debra A. Hanley, Clinical Instructor of Education, Onica Prall Child Development Laboratory; B.S., M.Ed., McNeese State University (2008)
- David Hein, Professor of Religion and Philosophy; B.A., University of Virginia; M.A., University of Chicago; Ph.D., University of Virginia (1983)
- Erin Hinchey, Assistant Professor of Economics and Management; B.A., Ph.D., The American University (2013)
- Ricky Hirschhorn, Professor of Biology; B.A., University of Rochester; Ph.D., University of Pittsburgh (1992)
- Karen D. Hoffman, Professor of Philosophy and Chair of the Department of Philosophy and Religious Studies and Co-Director of the Honors Program; B.A., Hendrix College; M.A., Baylor University; Ph.D., Saint Louis University (2001)
- Francine Johnson, Assistant Professor of Education; B.S., District of Columbia Teachers College; M.S., The Johns Hopkins University; M.A., Ed.D., Morgan State University (2012)
- Georgette Jones, Assistant Professor of Biology, B.S., University of Wisconsin, Ph.D., Ohio State University (2013)
- Anita Jose, Professor of Management and Director of the Graduate M.B.A. Program; B.A., Gandhiji University; M.M., M.B.A., University of Dallas; Ph.D., University of North Texas (1994)
- Janis Judson, Associate Professor of Political Science, Director of the Law and Society Program; B.A., M.A., Ph.D., University of Maryland (1984)
- Sang Kim, Associate Professor of Economics and Management and Chair of the Department of Economics and Business Administration; B.S., Ph.D., The Pennsylvania State University (2001)
- Eric C. Kindahl, Associate Professor of Biology; B.S., Massachusetts Institute of Technology; Ph.D., Cornell University (1998)
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- Ellen Garfinkel Koitz, Giles Associate Professor of Education and Director of the Graduate Reading Specialist Program; A.B., Catawba College; M.Ed., University of Georgia; Ed.D., University of Virginia (1985)
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- Tammy Krygier, Visiting Assistant Professor of Art and Archaeology; B.A., State University of New York at Buffalo; M.A., Ph.D. The Johns Hopkins University; Ph.D. (2013)
- Shannon Kunday, Associate Professor of Psychology; B.A., Wesleyan College; M.S., M.Phil., Yale University; Ph.D., Kent State University (2008)
- Khalid Lateef, Assistant Professor of Computer Science, M.S., Ph.D., West Virginia University (2014)
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- Craig S. Laufer, Professor of Biology and Co-Director of the Honors Program and; B.S., University of Maryland; Ph.D., Kent State University (1988)
- Dana Lawrence, Associate Professor of Chemistry; B.A., Jacksonville University; Ph.D., Florida State University (2005)
- Tianngy Li, Assistant Professor of Finance; B.S., Dalian University of Technology; M.S., Marshall University; Ph.D., University of Tennessee (2009)
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- Elizabeth Eaton MacDougall, Assistant Professor of Psychology and Director of the Graduate Human Sciences and Thanatology Programs; B.S., Geneva College; M.A., Loyola College; Ph.D., Fairleigh Dickinson University (2011)
- Terry Martin, Associate Professor of Psychology; B.A., M.A., Hood College; Ph.D., University of Maryland (1979)
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- Heather Mitchell-Buck, Assistant Professor of English; B.A., Rutgers University; Ph.D., Duke University (2011)

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- Jacqueline Nicholson, Assistant Professor of Economics and Business Administration, University of Pennsylvania, B.S., Drexel University, M.B.A (2014)
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- Diane Graves Oliver, Assistant Professor of Psychology; B.A., Brown University; Ph.D., University of Washington (2011)
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- Toby Peterson, Librarian for Access Services; B.S., West Virginia University; M.L.I.S., Florida State University (2004)
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- Roger Reitman, Professor of Sociology; B.A., M.A., Ph.D., University of Maryland (1983)
- Carin Robinson, Assistant Professor of Political Science; B.A., Bethel University; M.A., The George Washington University; Ph.D., Georgetown University (2009)
- Jennifer Ross, Professor of Art and Archaeology; A.B., Bryn Mawr College; M.A., Ph.D., University of California at Berkeley (1999)
- Jeffrey L. Rossio, Associate Professor of Biology; B.S., University of Michigan; M.S., Ph.D., Ohio State University (1988)
- Wanda Ruffin, Associate Professor of Psychology; B.S., Mississippi Valley State University; M.S.W., University of Pittsburgh; Ph.D., University of Massachusetts (1990)
- Ahmed Salem, Associate Professor of Computer Science and Director of the Graduate Information Technology Program; B.S., Higher Technological Institute-Egypt; M.S., Ph.D., University of Louisville (2006)
- Jan Samet O'Leary, Director of the Beneficial Hodson Library; B.A., Michigan State University; M.L.S., Rutgers University (1995)
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- Judith Sherman, Associate Professor of Education, Co-chair of the Department of Education and Director of the Graduate Curriculum and Instruction Program; B.A. Towson University; M.A., Hood College; Ed.D., University of Maryland (2006)
- Debra Smith, Instructor in the Onica Prall Child Development Laboratory; B.S., James Madison University; M.A., Hood College (2010)
- Oney P. Smith, Professor of Biology and Director of the Graduate Biomedical Science Program; B.S., University of Vermont; M.S., University of Maine; Ph.D., Texas A&M University (1995)
- Carol Snapp, Assistant Professor of Nursing and Director of the B.S.N. Program; B.S.N., University of Maryland; M.S.N., University of Pennsylvania; D.N.Sc., Johns Hopkins University (2010)
- Paul Soong, Assistant Professor of Physical Education and Chair of the Department of Physical Education; M.D., Shanghai Second Medical College; M.E., Shanghai Institute of Physical Education; Ph.D., University of Maryland (2004)
- Lynda R. Sowbel, Associate Professor of Social Work; B.A., Goucher College; M.S.W., Ph.D., University of Maryland (2001)
- Lynn L. Staininger, Instructor of Music; B.M., M.M., Arizona State University (2012)
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**Ellen Cornelius**, Administrative Assistant, Nursing Program

**Kerri Eyley**, A.A., Administrative Assistant for Faculty

**Mayme Kugler**, Administrative Assistant for Faculty

**Melinda Metz** '97, M.A. '10, Administrative Assistant for Faculty

**Ann Sheehan**, Administrative Assistant for Faculty

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Administrative Assistant

**Julie Hames**, B.A., Assistant Director of Graduate Admission

**Traci Holland** '07, M.A. '10, Director of Graduate Admission

**Carolyn Korb** '12, Associate Director of Graduate Admission

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**Craig Laufer**, B.S., Ph.D., Co-director of the Honors Program and Professor of Biology

**Mary Jean Hughes** '08, Honors Administrative Coordinator

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**Ariel Grove**, Records Specialist

**Nancy Huysler**, Enrollment Coordinator

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**Marsha Bowers**, Administrative Assistant to the Vice President for Finance and Treasurer

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**Denise Watkins**, B.S., M.B.A., Assistant Controller

**Elizabeth Morningstar**, C.P.A., B.A., M.A '06, Budget Director and Investment Administrator

**Timothy Pollak**, C.P.A., B.S., M.B.A., Assistant Budget Director and Accountant

**Shawney Anderson**, Student Billing Coordinator

**Teresa Case**, Accounts Payable Coordinator

**Teresa Conklin**, B.S., Payroll Administrator

**Jane Gore**, B.S., Office Assistant

**Cynthia Runnells**, B.S., Student Billing Analyst

AQUATICS CENTER

**Donald Feinberg**, B.S., Director of Aquatics Center and Head Men's and Women's Swim Coach

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**Hailey Sarno**, Assistant Manager

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**Lovetta Corson-Morgan**, Director of Auxiliary Services

**Gretchen Erzinger**, B.A., Campus Scheduler and Conference Service Assistant

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**James L. Haines Jr.**, Set-Up and Delivery Team Leader

**Jim Thomas**, Assistant Facilities Director\*

**Catherine (Trina) Flosi-Planer**, B.A., Custodial Manager\*

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Alumnae Hall  
Alumnae House  
Joseph Henry Apple Academic Resource Center  
Beneficial-Hodson Library and Information Technology Center  
Brodbeck Music Hall  
Coffman Chapel  
Gambrill Gymnasium  
Hodson Science Center  
Marx Center  
Onica Prall Child Development Laboratory  
Rosenstock Hall  
Strawn Cottage  
Tatem Arts Center  
Whitaker Campus Center  
Williams Observatory

## RESIDENCE HALLS

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Coblentz Hall  
Coblentz Memorial Hall  
French House/Martz Hall  
German House  
Meyran Hall  
Shriner Hall  
Smith Hall  
Spanish House/Hall

## STUDENT LIFE

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Coblentz Hall  
Hood College Athletic Center/BB&T Arena  
Huntsinger Aquatic Center  
Nicodemus Athletic Complex  
Tennis Courts  
Thomas Athletic Field  
Wellness Center

## OTHER COLLEGE FACILITIES

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Facilities Office  
Hodson Outdoor Theater  
Joseph Pastore Facilities Center  
Pergola  
President's House  
Thomas Gateway

# DIRECTIONS TO HOOD

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## **From Points North**

Follow U.S. 15 south from Gettysburg and points north to Frederick. Take Rosemont Avenue exit. Turn right onto Rosemont Avenue. Travel approximately one-half mile and turn left at the entrance to Hood.

## **From Points West**

Follow I-70 east from Hagerstown and points west. Take first Frederick exit onto U.S. 40. Follow U.S. 40 east to U.S. 15 junction. Follow U.S. 15 north to Rosemont Avenue. Travel approximately one-half mile and turn left at the entrance to Hood.

## **From Washington**

Follow I-270 northwest from Washington, D.C., toward Frederick and Gettysburg. Avoid turning to I-70. I-270 ends and the highway becomes U.S. 15 north. Follow U.S. 15 north to Rosemont Avenue exit. Turn left onto Rosemont Avenue. Travel approximately one-half mile and turn left at the entrance to Hood.

## **From Baltimore**

Follow I-70 west from Baltimore to junction with U.S. 15 north (Exit 53). Follow U.S. 15 north to Rosemont Avenue exit. Turn left onto Rosemont Avenue. Travel approximately one-half mile and turn left at the entrance to Hood.



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