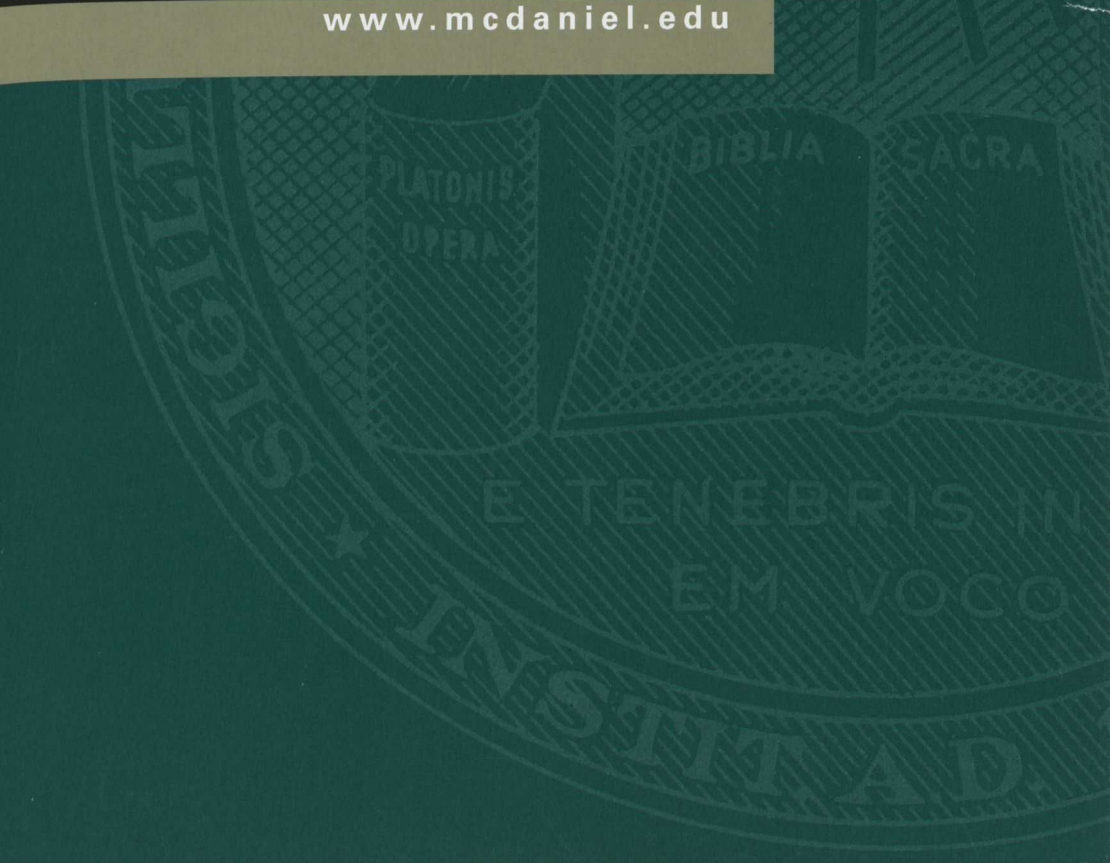


MCDANIEL COLLEGE

Founded in 1867 as Western Maryland College



www.mcdaniel.edu



The First Principles

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Editor's note: The new name of the College (*see College History, page 1*) will appear on covers of this catalog printed after the announcement of the name. The inside pages were printed prior to the selection of a new name. On these pages, references to Western Maryland College or WMC have been changed to "the College" in all instances except in administration and faculty listings which include degrees earned at the College and in descriptions of endowed scholarships, loans, prizes, and awards.

The College believes that liberally educated men and women think and act critically, creatively, and humanely. They take charge of their lives and develop their unique potentials with reason, imagination, and human concern. The College accepts the challenge to provide an academic and social environment that promotes liberal learning.

- We strive to place students at the center of a humane environment so that they may see and work toward their personal goals while respecting others and sharing responsibility for the common good.
- We provide a foundation of knowledge about the past and present so that students may be informed about the world.
- We provide various approaches to knowledge and personal achievement so that students can think critically about, respond creatively to, and form sensitive, intelligent decisions concerning the world and its future.
- We provide instruction in fundamental skills so that students can express themselves for their own satisfaction and to the larger community.
- We provide solid and respected professional programs for the committed student, and, more important, we provide a liberal arts education as an integral part of professional training so that students will be more flexible, more successful, and happier in the world of work.
- In the classrooms, in the residence halls, in the laboratories, on the playing fields, and in the lounges, the College works to disseminate these First Principles.

College History

Shortly after the Civil War, Fayette R. Buell, a Westminster teacher, embarked on his dream of founding a small private college. He purchased a tract of land—a hill overlooking the town—and issued a prospectus in search of support for his dream. Although financing was slow to materialize, he did receive generous support from two of the community leaders: the Reverend J.T. Ward of the Methodist Protestant Church, who would become the College's first president, and John Smith, president of the thriving Western Maryland Railroad and a resident of nearby Wakefield Valley.

Mr. Smith, who became the first president of the College's board of trustees, suggested that the College be named after the railroad, which maintained an important terminal in Westminster. On the day in 1866 that the cornerstone was laid for the College's first building, free rail passage was granted to everyone who attended the ceremonies. Eventually, the Western Maryland Railroad became extinct, after merging with another company. But the College that bore its name continued to grow.

The first building on the Hill was completed in September 1867; 37 men and women were enrolled in eight areas of study. Already, the new college was in many ways ahead of its time. In the original Charter, the founders and the first board of trustees clearly reflected their intentions that the College be an innovative and independent institution.

The College was founded "upon a most liberal plan for the benefit of students without regard to race, religion, color, sex, national or ethnic origin, which students shall be eligible for admission to equal privileges and advantages of education and to all social activities and organizations of the college, without requiring or enforcing any sectarian, racial, or civil test, and without discrimination on the basis of sex, national or ethnic origin, nor shall any prejudice be made in the choice of any officer, teacher, or other employee in the said college on account of these factors."

The College was the first coeducational college south of the Mason Dixon line, and one of the first coeducational colleges in the nation. Since its inception, it has been an independent liberal arts college with an autonomous Board of Trustees. A voluntary fraternal affiliation with the United Methodist Church existed from 1868 to 1974; today there are no ties to any denominational body. Control and ownership are fully vested by the Charter in the trustees, under Maryland state law.

On January 11, 2002, the trustees announced their unanimous decision to change the name of the College. The decision came after decades of discussion and surveys that confirmed the confusion surrounding the name. The College often was not perceived as what and where it is: a private institution within an hour's drive of Baltimore and Washington, D.C.

The misperceptions hindered the College's ability to attract students and funding in an increasingly competitive market. The name change is the first step in a comprehensive campaign to gain recognition for the College as one of the finest private liberal arts colleges in the nation.

As this catalog goes to press, a new name has not been selected. However, the selection process—involving alumni, students, parents, faculty, and emeriti faculty, administrators and trustees—is well underway. The Board of Trustees is expected to announce a new name before the 2002-2003 school year opens.

In its 135-year history, the College has had only seven presidents: Dr. Ward, Dr. Thomas Hamilton Lewis (1886–1920), Dr. Albert Norman Ward (1920–1935), Bishop Fred G. Holloway (1935–1947), Dr. Lowell S. Ensor (1947–1972), Dr. Ralph C. John (1972–1984), Dr. Robert H. Chambers (1984–2000), and Dr. Joan Develin Coley (2000–present). Under their guidance, the College has assumed a place among the quality liberal arts colleges in the nation, developing programs and material and physical assets that fulfill the vision of its founders.

College Profile

The College provides an ideal location for learning which brings together students from 23 states and 19 countries. Its picturesque campus is situated on a hilltop in historic Westminster, just a short drive from two of the nation's major metropolitan centers, Baltimore and Washington, D.C. One of the first coeducational colleges in the nation, it has been both innovative and independent since its founding in 1867.

The tradition of liberal arts studies rests comfortably here. Exemplary teaching is its central mission, both at the undergraduate and graduate levels. The faculty is engaged in research and professional writing; they are involved at the highest levels of their respective professions; they are sought after as consultants in many spheres, but their primary mission is teaching. Enrollment of 1600 undergraduates enables the College to care about students in a personal way, to provide individual guidance, and to be responsive to the needs of students. Graduates leave enriched not just because of their classwork, but because of their meaningful interactions with one another.

A flexible liberal arts curriculum stresses the ability to think critically and creatively, to act humanely and responsibly, and to be expressive. Accredited by the Middle States Association of Colleges and Secondary Schools, it is listed as one of the selective national Liberal Arts Colleges by the Carnegie Foundation for the Advancement of Teaching. The College is internationally recognized for its graduate program in training teachers for the deaf.

Location

Thirty miles northwest of Baltimore's Inner Harbor and 56 miles north of Washington, D.C., the campus overlooks historic Westminster, Md., Carroll County's largest town and county seat. Within walking distance are gift boutiques, book and music stores, art galleries, and restaurants which line one of America's longest main streets. Both nearby metropolitan cities offer students opportunities for learning and leisure—art and history museums, internships on Capitol Hill, Baltimore Orioles and Ravens games, and bayside seafood and nightlife.

Academic Facilities

Among the forty buildings on the 160-acre campus are the recently renovated Hoover Library, with access to materials from rare books to CD-ROMs to e-mail and Internet accounts, and including an audiovisual media and microcomputing center; Hill Hall, featuring the Writing Center and multimedia presentation classrooms; Peterson Hall, which offers a modern photography lab, a graphic arts computer classroom, and art gallery for the College's permanent collection as well as visiting exhibitions; and Alumni Hall, home to the performing arts and summer repertory Theatre-on-the-Hill program. A new \$13-million biology and chemistry lab building was opened in fall, 1999.

Faculty

Faculty members—90 full-time professors, 95 percent of whom hold the most advanced degrees in their fields—devote themselves to classroom, lab, and studio teaching. Many conduct research; most involve students in their work. Professors generally teach three courses each semester, allowing them ample time to spend with students outside of the classroom helping them plan academic programs, arrange internships, and prepare for careers. An average class size of fewer than 20 students encourages discussion and learning that is collaborative rather than competitive. The College president, provost, dean of students, and financial vice president all teach courses. Faculty members also serve as advisers to many student organizations.

Academic Program

A flexible curriculum enables students to acquire a broad base of knowledge in the areas of humanities, natural sciences and mathematics, and social sciences and also to pursue learning in depth in one or more of the 60 fields of study. The program links wide-ranging educational experiences with strong career preparation through an extensive internship program. A total of 128 credit hours is required for graduation.

First-year seminars provide students with a unique opportunity to become better prepared for many facets of college life. Limited to 15 students, these courses on a variety of topics, emphasize important skills—writing, oral presentation, study skills, critical thinking, and time management. Each student concludes his or her academic program with a personal Capstone Experience which synthesizes learning from earlier studies within a chosen major.

Faculty advisers offer guidance across the curriculum and work closely with their advisees as they make decisions about course and major selections and planning strategies. Students may also request help from the Center for Career Services, which offers vocational testing, counseling, and guidance.

During the College's January Term—a three-week-long term between the fall and spring semesters—students and faculty are encouraged to explore new areas and expand their intellectual horizons. Students choose from specially designed courses offered often at special locations. Some students take advantage of January Term for independent off-campus study or join one of the popular international study tours.

Majors and Degrees

The educational programs serve students who enter with firm choices of majors or career ambitions and students who are undecided. All students take approximately 30 percent of course work in the liberal arts: humanities, natural sciences and mathematics, and social sciences. The bachelor of arts degree is offered in 23 major areas of study: art, art history, biology, business administration, chemistry, communication, economics, English, exercise science and physical education, French, German, history, mathematics, music, philosophy, physics, political science, psychology, religious studies, social work, sociology, Spanish, and theatre arts. Students may choose a dual major or design their own major if their academic interests and goals take them beyond an existing program. In addition, most departments offer minor programs or particular courses to help students focus on or achieve specific goals.

The College also offers certification programs in social work and in elementary and secondary education (Maryland certification includes reciprocity with more than 35 other states), 3–2 programs in engineering and forestry, and pre-professional programs in dentistry, law, medicine, the ministry, and museum studies. The College also offers an Army ROTC program.

Graduate Degree Programs

Graduate degree programs leading to the Master of Liberal Arts or the Master of Science degree enroll more than 1,000 part-time students each term. The M.L.A. program is an extension of the College's excellent baccalaureate program. The M.S. program is available in the following areas: counseling, deaf education, educational administration and supervision, elementary and secondary education (curriculum and instruction), exercise science and physical education, human resources development, reading, school library media, and special education (general and community-based). In addition, the College offers the M.S. in teaching (B.E.S.T. program) for mid-career adults who wish to obtain certification to teach.

Off-Campus Arrangements

Opportunities for off-campus study are offered through American University's Washington Semester and Drew University's Semester on the United Nations and Semester on the New Europe. Many overseas study programs are available.

Budapest Campus

In October 1993, the College established a branch in Budapest, Hungary. This special program educates young men and women from Europe and other parts of the world who are interested in preparing for careers in the new global marketplace. Located at the crossroads of central Europe, the Budapest campus, in cooperation with College International Budapest and International Studies, Inc., offers a four-year undergraduate program in several disciplines.

Honor Societies

In addition to Phi Beta Kappa, the national honor society which recognizes liberal arts scholarship of a high order, there are 19 other honorary societies on campus. Two organizations oriented toward general accomplishment are Omicron Delta Kappa, a national society recognizing leadership qualities; and the Trumpeters, a local society honoring senior students dedicated to service. (See Honor Societies, page 25.)

Social Life

The key to college life is involvement. Eighty percent of students live on campus; 40 percent compete on one of 24 athletic teams, and 100 percent enjoy activities sponsored by 100 diverse student groups including an active Greek system.

Costs

The College keeps its fees within the reach of students coming from families with moderate incomes while offering a liberal arts education of outstanding value. Tuition charges are comprehensive and include Student Health Service fees and Student Activities fees. Tuition for 2002–2003 is \$21,760, room and board are \$5,280, and personal expenses (including books and transportation) are estimated at \$600 per year.

Financial Aid/Scholarships

The College supports a program of financial aid to eligible students on the basis of both need and merit. Nearly 80 percent of students receive financial assistance. Students who have been accepted by the College and can demonstrate financial need as required by the federal government may be eligible for assistance in the form of scholarships, grants, loans, and opportunities for student employment. Typically an award is a package of these four resources tailored to the student's needs.



Academic scholarships covering partial to full tuition are available for qualified students based on their academic records, SAT-I or ACT scores, and extracurricular involvement. First-year students should apply by February 1; transfer scholarships are competitive and preference is given to students who apply before March 15. The College also offers partial and full ROTC scholarships.

Athletics

Athletic teams compete in NCAA Division III as a member of the Centennial Conference, a group of 11 national liberal arts colleges and universities. Twelve sports are available for men: baseball, basketball, cross-country, football, golf, lacrosse, soccer, swimming, tennis, indoor/outdoor track, and wrestling. Twelve sports are available for women: basketball, cross-country, field hockey, golf, lacrosse, soccer, softball, swimming, tennis, indoor/outdoor track, and volleyball.

Accreditation

The College is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104, 215-662-5606. The Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Commission on Recognition of Postsecondary Accreditation.

Student Life

An important element of the education at the College is the opportunity to exchange ideas and share interests outside the classroom.

When students live together in a residential setting, these opportunities are greatly enhanced, not only by daily contacts in living quarters and the dining hall, but also by ready access to campus activities.

After becoming accustomed to the rigorous demands of their academic schedules, most students decide to become involved in other aspects of campus life. With entertainment, cultural events, and a constant calendar of student activities available on campus, students can soon choose to fill their time to whatever extent they wish.

The diverse interests and needs of students are reflected in the wide-ranging and continuously evolving selection of activities. There are more than 100 organizations, and campus events are largely planned and organized by students. The College Activities Office is responsible for coordinating and scheduling events, reserving facilities, and advising student groups. Many organizations and publications have office space in Decker College Center.

College Regulations

Every community has traditions and rules that its members are expected to follow. Here, we treat students as adults, and as such we expect individuals to respect the rights, property, safety, privileges, and obligations of others. Since the College believes that liberally educated men and women think and act humanely and in a responsible manner, our regulations give students considerable freedom.

In addition to areas of academic honesty addressed by the Honor Code, College regulations cover the use of alcohol and drugs; behavior which impedes the educational process of individuals or the institution; legal access to students' records, such as grades and billing; and other matters, including those affected by state and federal laws. These regulations are detailed in the *Student Guide and Datebook*, a copy of which is given to each student at the beginning of every academic year.

Student Governance

All students are automatically members of the Student Government Assembly (SGA), which is the student body's central governing and coordinating organization. It consists of two main parts: the Executive Council, elected by the student body at large, and the Senate, composed of representatives from the classes. The SGA is active in campus life, bringing influence to bear on a variety of matters and serving generally as a voice through which students participate in the affairs of the College.

Students hold full voting membership on many policy-making College committees, serving with faculty members, administrative staff, and trustees in dealing with institutional concerns. There are three student visitors to the Board of Trustees, and six students serve on the Trustee Committee on Student Affairs.

Also, each class is organized as a unit, and officers are elected to supervise the administration of class activities. In addition to responsibilities as a class officer while a student, the senior class president assumes guidance of certain activities after graduation, such as organizing class reunions.

The Honor Code

The College community affirms its commitment to the ideals of personal integrity and community honor in all aspects of campus life, including academic endeavors, use of the library and computing facilities. The honor system affirms that honest people are the most important elements of a good community and that the rights of the honest majority must be protected against the actions of individuals acting dishonestly. Violations consist of cheating in course work and misuse of computing resources, library materials, and borrowing privileges. Both students and faculty have an obligation to themselves and to their peers to discourage honor violations in any form. For the student, this means not only taking personal responsibility for one's own actions, but also discouraging academic dishonesty by making it socially unacceptable behavior. The student is required to report all instances of academic honor violations. This action is a social responsibility because academic dishonor has a detrimental effect on the grades of all students in a given course. For the faculty, this means clearly establishing guidelines at the beginning of every course and then making it physically difficult to cheat during the rest of the semester. In some courses this might simply mean removing temptation; in others, it might involve more stringent procedures such as simultaneously administering all examinations regardless of course sectioning. In some courses it might also mean proctoring exams.

Students will sign an honor pledge on all their work, indicating that they have neither given nor received unauthorized help, nor tolerated others doing so.

For information on the Honor and Conduct Board which adjudicates allegations of Honor Code infractions, see the *Student Guide and Datebook*.

CAPBoard

CAPBoard, the College Activities Programming Board, sponsors various entertainment opportunities for students. CAPBoard is a very active, student-governed organization subdivided into six committees. CAPBoard fulfills a vast array of students' entertainment interests. The areas are: Films, Mainstage (major performers, bands, and dances), Second Stage (comedians, duo and solo singers/musical performers), Special Events (Welcome Back and Spring Fling Weekends), and Cultural Arts (plays, theatre trips, music festivals). The sixth committee, the Promotions committee, uses great enthusiasm and creativity to keep students aware of CAPBoard's events. From adventure movies and concert trips to classic rock singers, CAPBoard and its jam-packed calendar of events are fully committed to providing quality entertainment for the campus.

Publications and Media

Students interested in writing and publishing may work with three publications edited and published by students: *Phoenix*, the biweekly student newspaper; *Crossroads*, the College yearbook, a pictorial collage of campus life; and *Contrast*, a literary magazine published yearly.

In addition students operate WMCR, the College radio station, and a cable broadcast channel, WMC-TV.

Cultural and Special Interest Organizations

There is a substantial number of organizations that offer students the opportunity to become knowledgeable and involved in a field of particular interest. Examples of these are: Black Student Union, Jewish Student Union, Hispano-Latino Alliance, Commuter Student Organization, Equestrian Club, Forensics Team, Allies, Pom-Pon Squad, Ranger Platoon, and Maryland Student Legislative Delegation.

The Arts

While cocurricular activities offer students majoring in the various arts fields numerous opportunities to extend their specific interests, all students, regardless of academic major, are encouraged to take part in the many musical, dramatic, and artistic activities. Musical organizations include the College Choir, Gospel Choir, College Concert Band, College Jazz Ensemble, and Madrigal Singers. Those interested in dramatic arts may participate in both the technical production and performing aspects of several major plays and musicals planned by the Theatre Arts Department and in less formal presentations of dramatic scenes. The Art Club, which is involved in a number of creative ventures in addition to staging exhibits, is open to all.

Community and Service Groups

Numerous organizations are designed to expand the experiences of the student and to encourage participation in community projects. Several organizations work with elementary school children in Westminster, individuals with developmental disabilities, and individuals with other disabilities. Active service groups include Circle K, Alpha Phi Omega, Gamma Sigma Sigma, and SERVE.

Religious Life

Four active student religious organizations on campus represent Catholic, Jewish, Protestant, Baha'i, and other faiths. There are two chapels, Baker Memorial Chapel, which is a prominent landmark, and Baker Chapel, a lovely 100-year-old stone chapel, which dates back to the early days of the College. Students are also welcomed at the many houses of worship in Westminster.

Reserve Officers' Training Corps

The Reserve Officers' Training Corps offers an academic military science program through which selected students can qualify at graduation for commission as officers in the United States Army. Additional information may be found under Military Science and Financial Aid.

Social Fraternities and Sororities

There are ten national and local fraternities and sororities on campus. The fraternities are Alpha Gamma Tau, Gamma Beta Chi, Alpha Sigma Phi, Phi Delta Theta (national), Phi Kappa Sigma (national), and Sigma Phi Epsilon (national). The sororities are Alpha Nu Omega, Phi Alpha Mu, Phi Mu (national), and Phi Sigma Sigma (national).

Approximately 20 percent of the students join the Greek-letter social organizations. Students with at least a 2.0 average are eligible beginning in their sophomore year, and students with at least a 2.5 average are eligible in their second semester, freshman year. Members of organizations may apply to live together in a section of a residence hall designated by the College.

The Inter-Greek Council works in cooperation with the Student Affairs Office to make rules for such activities as rushing, bidding, parties, and special events. Hazing is prohibited on College property and off campus by any College organization.

Athletics

The College considers participation in sports and fitness activities an integral part of the total educational program. Toward this end, the College supplies facilities and opportunities for participation in a full range of team and individual athletic and fitness programs. The Gill Center provides opportunities for a wide variety of programs in both Physical Education courses of study and recreational opportunities. With the opening of the Blumberg Fitness Center in 1993, modern facilities are available for aerobic, weight, and fitness training.

The following facilities are available to students for participation in formal or informal group activities or as part of individual conditioning programs or recreation:

Swimming pool	Stadium
9-hole golf course	Squash court
6 outdoor tennis courts (2 indoor)	Racquetball
Volleyball courts	2 saunas
Basketball courts	Fitness center
Track	Fencing room
Gymnasium	Dance studio
Cross-country trail	Table tennis
Baseball field	Rappelling facility
Badminton	Whirlpool

Intercollegiate Sports

The College is committed to offering a balanced and varied program of intercollegiate athletics for both men and women. Schedules in varsity and junior-varsity sports are maintained not only for the talented athletes but also to serve the needs and desires of as many students as possible. The College does not designate sports as major and minor because it believes all are of equal importance to the students participating in them.

Teams for men include baseball, basketball, cross-country, football, golf, lacrosse, soccer, swimming, tennis, indoor and outdoor track, and wrestling. Teams for women include basketball, cross-country, field hockey, golf, lacrosse, soccer, softball, swimming, tennis, indoor and outdoor track, and volleyball.

The College is a member of the National Collegiate Athletic Association and competes at the Division III level. The College competes in the all-sports Centennial Conference, a group of 11 national liberal arts colleges and universities which include Bryn Mawr College, Dickinson College, Franklin and Marshall College, Gettysburg College, Johns Hopkins University, Muhlenberg College, Swarthmore College, Ursinus College, Haverford College, and Washington College. Washington and Lee University participates only in the Conference's wrestling season. The school colors are green and gold.

Intramural Sports

Intramural programs for both men and women are extensive and provide for a wide variety of competitive events. Coeducational tournaments and competitions are also held.

Beyond the Campus

In addition to the many restaurants, shops, film theaters, churches, and other attractions in Westminster, there are many recreational destinations within easy reach by car. In 45 minutes, students can reach the Catoctin Mountains for picnicking, hiking, swimming, and canoeing, and there are several skiing facilities in nearby Pennsylvania. Gettysburg National Military Park and other historic sites are also nearby.

Baltimore's theaters, concert halls, museums, libraries, and major league sporting events are about 45 minutes away as is the Inner Harbor shopping and recreational showplace, which includes the National Aquarium, Maryland Science Center, and the Pier 6 Concert Pavilion. Washington's world-renowned galleries and museums, libraries, national monuments, governmental centers, and other extensive cultural and recreational resources can be reached in about an hour and 15 minutes. Visiting other campuses is easy, too, as there are more than 20 colleges and universities within 70 miles.

Student Services

The management of residential halls, extracurricular activities, and various student services is coordinated by the Office of Student Affairs, which is located on the upper level of Decker College Center. The Dean of Student Affairs and staff members are readily available to talk with individual students and groups; the goal of the Student Affairs staff is to help students make the best use of the College's and students' own resources and opportunities.

Residences

A student's residence experience is often an important facet of attending college, and the residence hall is far more than a place to sleep. Learning to live in close proximity with others, making new friendships, and becoming aware of the rights and responsibilities of all concerned are important steps toward acquiring a liberal education. Students who request campus housing and make a nonrefundable deposit are assigned rooms.

Housing

The College offers a variety of living arrangements. There are three traditional residence halls in which men and women are separated by floors. These are Albert Norman Ward Hall, Blanche Ward Hall, and McDaniel Hall; they contain single, double, and triple rooms, and, in some instances, suites. Daniel MacLea Hall is designed for suite-style living. Students may apply to live in substance-free and smoke-free areas, academic clusters, and affinity housing. Other areas are reserved for members of a particular fraternity or sorority to live together as a group. Freshmen, sophomores, and juniors are required to live on campus unless they live with their parents or are over age 25. Exceptions are made by the Residence Life Office. Freshmen live on campus in two single-sex residence buildings, Whiteford and Rouzer Halls. Upperclass students may live in the Garden Apartments, each of which is shared by four students and has its own kitchen, or in the Pennsylvania Avenue College-owned houses that border the campus. All rooms are wired for campus-based cable TV and ethernet, and are provided with a telephone and a combination microwave/refrigerator. In 2003 the College will open new apartment-style residences at the north end of campus.

Resident Staff

The Residence Life program is directed by five professional staff members and 26 Resident Assistants (RAs). An RA is a qualified and trained undergraduate whose job it is to live with students and be available to oversee the quality of life in his or her area. Resident Assistants are responsible for advising individuals, assisting in health or safety emergencies, communicating campus policies to students, and reporting student concerns to administrative staff.

They also provide educational and social programs in the residence halls. The Residence Life staff, along with the entire faculty and staff, assist in facilitating an environment of challenge and support. Students will be challenged by out-of-the-classroom experiences as well as by academic experiences.

Roommates

Roommate preference forms requesting information about smoking or non-smoking, study habits, musical tastes, and other considerations are circulated to new students prior to arrival on campus. The Residence Life staff then uses the results in matching potentially compatible persons as roommates. Students may room with friends of their own choosing, but only mutual roommate requests will be honored.

Commuting Students

While about 80 percent of the undergraduate students live in the residence halls, commuting students are a welcome and growing part of the student body. Many live with their parents or guardians within reasonable driving distance. However, a growing number of students are either resuming their college education after a pause of a number of years or beginning their studies at a later stage in their lives than do more typical freshmen coming directly from secondary school. Some students are seeking a second undergraduate degree. The College urges all of these commuting students to visit the Office of Student Affairs to meet the commuter coordinator and to learn about the services on campus tailored to their special needs. Commuters are particularly encouraged to participate in the many extracurricular activities on campus. (See also Nontraditional Students in the Admissions section and Continuing Education, in the Academic Programs section.)

New Student Orientation

During the week prior to the start of the fall semester, an orientation program is scheduled for all new students. In addition to meeting with faculty advisers at this time, students are introduced to the layout of the campus, registration procedures, programs of study, student government, student activities, student services, residence hall facilities, and, in general, a host of people ready to assist new students in settling into campus life successfully. Placement tests are given during this period. There is also entertainment and a picnic. On the day new students arrive on campus, they and their parents or spouses and other family members are invited to attend the Introduction Convocation and a reception at the President's house. A similar orientation is offered for new students in January.

Dining Service

All residential students other than those living in the Garden Apartments and Pennsylvania Avenue houses are required to subscribe to the meal plan in Englar Dining Hall. Meals are served seven days a week and include continental breakfasts for students who prefer to eat later than the scheduled breakfast hour. Dining services are managed by the Sodexo/Marriott Corporation, and

menus include many alternate selections for the diet conscious. Commuting students, parents, and visitors are welcome to purchase meals.

The snack bar on the middle level of Decker College Center is open seven days a week, with extended evening hours on weekends.

Health Services

Student Health Services located in Smith House provides free confidential medical and health-related services for many acute problems and health maintenance. This includes office visits, a limited number of medications for the treatment of common ailments, and certain lab tests. Also, students with chronic conditions may arrange for routine care, such as administering prescribed allergy medication. Each student must complete a Medical Record Form before entering. Health Services are directed by the College physician who visits the Center regularly. There are no overnight accommodations.

More comprehensive and specialized care is available at Carroll County General Hospital in Westminster. The College does not assume financial responsibility for any hospital services, nor for such services as visits to doctors' offices, consultation with specialists, laboratory tests, prescription drugs, x-rays, or immunization shots.

Many parents and guardians carry health insurance that covers their students while at the College; most nontraditional commuting students also have access to health insurance. If not, the College has made available a comprehensive health insurance program; information about this program is circulated to all students. The College requires that the health of every student be insured.

Counseling Services

Counseling Services are free, voluntary, and confidential. It offers a variety of services to help students adjust to college life, cope with the environment, and plan for the future. Services include short-term personal and group counseling, consultations, referrals to special programs, workshops to educate and improve skills (coping with college life, etc.). The center also offers pamphlets and books on topics of interest to the college student (stress management, relationships, etc.).

Career Services

The Career Services Office assists students with career planning and job placement needs throughout their undergraduate experience. Students can meet with a counselor to discuss academic major selection, career choices, employment opportunities, and job search strategies. Resources available to students include: e-recruiting, an online membership service (free of charge) for employers, alumni and students; a complete career library; an alumni connections network; information on part-time and summer job opportunities; internship listings; and career-related workshops and seminars. As students approach graduation, they may take advantage of on-campus recruiting, career fairs, credential file service, monthly job bulletins, mock interviewing, and résumé reviews.

Conveniences

The College maintains services for the convenience of students and faculty in Decker College Center. An Automatic Teller Machine (ATM) provides services for those holding accounts with BB&T Bank or other banks in the MOST system. The College Store sells textbooks and other books, general college supplies, imprinted sports clothing, health aids, CDs/tapes, greeting cards, gifts, and many other items. The Post Office supplies each student with an individual mailbox; stamps may be purchased, and packages mailed and received. The Campus Safety Office is also located on the lower level.

Admissions

The College welcomes applications from men and women who desire the lifelong personal and professional benefits of a liberal arts education and who eagerly enter the partnerships necessary to achieve it. Every year the College enrolls approximately 400 first-year students. Among their number are international students and students beyond traditional college age. In addition to entering first-year students, the College welcomes applications from students wishing to transfer from community colleges and other four-year colleges and universities.

Campus Information

The College invites prospective students to visit its campus. Touring the campus; speaking with students, faculty, and administrators; and perhaps eating in the College's dining hall (as guests) can add valuable perspective on the College. The College regularly holds Open Houses that include formal and informal presentations of information on academic programs, student life, financial assistance, and other pertinent topics.

A wide variety of information about the College can be found in the College's various publications and on the website.

Prospective students may request College publications and material as well as schedule campus visits and receive information about Open Houses and other special admissions programs by writing to:

The Office of Admissions

2 College Hill

Westminster, Maryland 21157-4390

www.wmdc.edu

phoning toll free 1-800-638-5005, or by faxing 410-857-2757 or through Admissions e-mail: admissio@wmdc.edu. Personal interviews, group information sessions, and campus tours are available Monday through Friday at 10 a.m. and 2 p.m. and Saturday by appointment.

Secondary School Background

Prospective applicants should pursue a broad secondary school program. Sixteen high school units are usually considered the minimum preparation for college. The College recommends that high school programs include four years of English, three years of social studies, three years of a foreign language, three years of work in laboratory sciences, and three years of mathematics. Whenever possible, students should carry more than the minimum academic load and participate in enriched or accelerated high school courses.

Admission Evaluation

The College evaluates the potential academic success of each candidate by considering the following:

- Secondary school courses and grades, with special consideration given to accelerated courses;
- Aptitude and achievement tests;
- Personal traits, goals, and motivation;
- Recommendations and evaluations by principals, counselors, and teachers; and
- Participation in nonacademic activities.

All candidates for admission must take either the College Board Scholastic Assessment Tests (SAT-I) or the American College Testing (ACT) Assessment Test. Students should take one of these tests at the end of their junior year so results will be available for completing college applications early in the fall of their senior year. The CEEB code for the College is 5898.

SAT/ACT Optional Plan

This option is open only to students who:

- Are in the top 10 percent of their high school class as verified and reported on the official high school transcript OR
- Have earned a cumulative GPA of 3.5 or better on a 4.0 scale in college preparatory coursework.

Students choosing this option must indicate so by checking the appropriate box on the College paper or electronic application or by attaching a request in writing to other types of applications such as the Common Application.

All students wishing to be considered for non-need based awards and/or the College Honors Program must submit the results of the SAT/ACT testing.

The Application Process

A complete application for admission consists of the application form, official secondary school and college (if any) transcripts, official scores from the SAT or ACT tests (unless optional plan, see above), recommendations, and a \$40 nonrefundable application fee. Deadlines for receiving completed applications are December 1 for Early Action, February 1 for Academic Scholarship consideration and regular admission. Early Action applicants will be notified by December 30; all other applicants for the entering class will be notified beginning on March 1. Applications from transfer students will be accepted until July 1. Complete applications along with a \$40 nonrefundable application fee, should be sent to:

The Office of Admissions

2 College Hill

Westminster, Maryland 21157-4390

Applications will also be accepted over the Internet at www.wmdc.edu.

The College accepts the Common Application in lieu of its own form and gives equal consideration to both. Students may obtain copies of the Common Application from their high schools or the CommonApp Web site.

The College's Admissions Committee may request additional high school grades, test scores, admission interview, and recommendations.

Transfer Application

Each year, about 20 percent of the College's new students have transferred from two- and four-year colleges and universities. The College grants transfer credit for courses that are standard liberal arts courses or that compare to the offerings of the College if the institution is accredited. No grades of D will be approved for transfer.

To transfer to the College, students should:

- submit a completed application along with the \$40 application fee,
- have official transcripts sent from all secondary and postsecondary institutions attended,
- have official SAT or ACT scores sent unless 30 credits have been earned at an accredited institution,
- have the Dean of Students of the previous college complete and send a statement of good standing.

Nontraditional Students

The College encourages applications from adults who have not begun or who have interrupted their college educations. They may enter as either full- or part-time students and are eligible for financial assistance. Annually the College enrolls a significant number of these nontraditional students and makes efforts to be sensitive and responsive to their unique academic situations and

needs. The Office of Academic Affairs and the Nontraditional Students Organization both provide advice and support for adult students who return to college; and in addition to their regular academic advisers, two members of the faculty serve as special advisers to nontraditional students.

International Students

The College has enrolled international students since 1890 and continues an active commitment to the broadest educational and social experience particularly in bringing together students from diverse cultures. International students enrich our campus; the College strives to provide them with an outstanding American education. In this respect, the College is committed to the principles of international education as defined by the National Association of Foreign Student Affairs: Association of International Educators.

In practical terms, the College:

- seeks students with appropriate preparation from all over the world;
- awards academic scholarships to accepted international students who have demonstrated need and have outstanding academic ability;
- provides international students not only with all services available to American students (academic advising, career and personal counseling, orientation, etc.), but also makes available services to meet their special needs, including special sections of English composition and reading for non-native speakers, an International Student Adviser who serves as liaison with the U.S. Immigration and Naturalization Service, and separate international student orientation;
- responds to the special dietary and housing needs of international students;
- has access to the many religious and cultural centers of Baltimore and Washington, D.C.; and
- considers international students in its institutional planning.

In addition to the usual application materials listed above, international students must submit official copies of their scores on the Test of English as a Foreign Language (TOEFL minimum score of 213 accepted), and results from any and all secondary school, university, and national examinations; copies of diplomas and certificates (translated in English) are also required. International students must also submit a Certificate of Finances form. Several scholarships are available to qualified international students.

The College Budapest Program

In October 1993, the College in Westminster, Maryland, U.S.A., established a branch in Budapest, Hungary. This special program educates young men and women from Europe and other parts of the world who are interested in preparing for careers in the new global marketplace. Located at the crossroads of central Europe, the Budapest campus, in cooperation with College International Budapest and International Studies, Inc., offers a four-year undergraduate program in business administration and economics, communication, and political science leading to the award of a bachelor of arts degree. This prime geographic location, as well as recent political and economic changes in the region, led to the decision to launch this program. It combines American "high-tech" business principles with student-centered liberal arts study tempered by both European and American intellectual traditions.

Students accepted into the Budapest program spend two years in Budapest and two years at the home campus in the United States. The initial two years in Budapest feature courses taught in English by highly experienced faculty who have lectured in both the United States and Europe. Successful completion of the entire four-year program results in the awarding of a B.A. degree.

The Honors Program

The Honors Program features specially designed courses each semester from freshman through junior year and a senior seminar. Honors students may live in special housing, participate in special out-of-class activities, and attend informal discussions with guest speakers. Enrollment in the Honors Program is limited and is by invitation only. Questions regarding the Honors Program should be addressed to the Admissions Office or to the Director of the Honors Program.

Advanced Standing and Placement

The College makes decisions on advanced placement in specific academic areas, excluding the Basic Liberal Arts Requirements, based primarily on the student's high school program and potential major. Although College Board achievement tests are not required for admission, they often assist in determining placement.

Advanced Placement Test

The Advanced Placement Test (APT) scores are normally accepted by the College on the following basis:

Test Score

- 5 or 4: Student may receive advanced placement plus eight hours credit (except Calculus AB and Computer Science AB receive 4 hours credit).
- 3: Student may receive advanced placement plus four hours credit (except Calculus AB receives credit as determined by the Mathematics and Computer Science Department).
- 2: The department concerned determines placement, but generally no advanced placement is given. No credit is given.
- 1: No advanced placement or credit given.

College Placement and Credit by Examination

In addition to granting college credit based on Advanced Placement Test results, the College grants to enrolling students college credit for Liberal Arts subject areas based on the results of the College Level Examination Program (CLEP). Placement and credit will be granted to those whose CLEP scores are equal to or above the American Council of Education's recommended minimum scores. These scores are listed in the College Board's publication *College Placement and Credit by Examination*.

Credit in Escrow

Credit for college courses taken while a student is still enrolled in high school is determined by the same standards used for granting transfer credit.

International Baccalaureate (IB) Diploma

The College recognizes IB-level work and grants a maximum of one year of credits (32 hours) for examinations in higher level courses only. Credits are awarded as follows:

Test Score

- 5 or higher: Student will receive eight hours credit.
- 4: Student will receive credit at the discretion of the appropriate department.
- 3 or lower: Student will not receive credit.

IB credits may be counted toward Basic Liberal Arts requirements, major or minor requirements, or electives in the same manner as Advanced Placement credits. Students should confer directly with departments to determine exact placement in departmental courses.

Special Students

Secondary school students, students from other colleges, and nontraditional students are welcome to enroll for specific classes without completing the regular admission application or enrolling as degree candidates. Special students may take a maximum of eight credits before seeking admission to the College. The progress of special students is monitored by the Office of Academic Affairs. Registration forms for special students are available from the Office of the Registrar.

Students with Special Needs

The College makes programs and activities on its campus available to every enrolled student and is committed to offering a campus environment free of discrimination and bias in matters affecting individuals with disabilities. The College admits qualified students and believes that no one should be barred from an education because of a disability. Program accessibility is assured by means of reasonable learning activities offered by the College; the Accessibility Services Center/504 Office provides services to students with disabilities enrolled at the College. As stated in Section 504 of the Rehabilitation Act of 1973, it is the student's responsibility to make his or her disabling condition known and to request academic adjustments in a timely manner. Educational testing is required and should be no older than two years. In some cases, the ASC Coordinator will call the high school or the professional who performed the testing in order to gain a broader understanding of the student's abilities.

Financial Aid

The College supports a program of financial aid to eligible students on the basis of both need and merit. The College is able to do this through its endowment, gifts, and grants, and through cooperation with certain government programs and other resources for student aid. Over 80 percent of the current student body receives some form of financial assistance. A family's total financial resources and obligations are considered in awarding aid; it is expected that students and their families assume as much responsibility for educational expenses as they are able. The family income of students currently receiving financial aid ranges from low income to high middle income. Students are admitted to the College based on academic and other nonfinancial criteria prior to consideration of their applications for financial aid.

Students who have been accepted by the College and can demonstrate financial need as required by the federal government may be eligible for assistance in the form of grants, loans, and opportunities for student employment. Frequently an award is a package of these resources, plus any awarded academic scholarships, tailored to the student's needs. Aid is also available from many other sources, both public and private. Many awards carry provisions for annual renewal for students who do well academically and whose financial circumstances remain unchanged. To find out about eligibility for financial aid, students must apply.

Note: All non-need-based scholarships provided by the College are limited to one per student.

The Application Process

Students must submit a completed Free Application for Federal Student Aid (FAFSA) to the U.S. Department of Education's Federal Student Aid Program. The College's code is 002109. Students can complete the FAFSA online at www.fafsa.ed.gov. FAFSAs are also available at secondary school guidance offices and from the College Financial Aid Office. In addition, students must submit an

Institutional Aid Application directly to the College. These applications are mailed to all applicants for admission or may be obtained by calling the Financial Aid Office.

Students are strongly urged to submit the FAFSA by March 1 (it cannot be submitted before January 1). Prospective freshmen should submit the Institutional Aid Application by March 15. Awards are generally announced beginning in February. Students are required to submit copies of their and their parent(s) federal tax returns for the previous year, and the College reserves the right to adjust an award based on this information. Students are urged to submit these copies as soon as they are available. The Financial Aid Office is the only College office empowered to make offers of financial aid.

Since the total amount of College financial aid available in a given year is limited, it is to a student's advantage to apply for financial aid as soon after January 1 as possible. Applicants must be accepted by the College for admission before financial aid is awarded.

Each student is urged to contact his or her high school counselor regarding state and local sources of aid to supplement potential aid from the College.

Financial Aid Counseling

Parents and students who desire assistance and information on financial aid are encouraged to visit the Financial Aid Office in Elderdice Hall. The Financial Aid staff reviews a student's eligibility for aid of various types, describes applicable alternatives, and explains the process involved.

A financial aid brochure containing detailed information about how to apply for aid is available upon request from the offices of Admissions or Financial Aid.

Note: Students must apply for financial aid by the appropriate deadline prior to each academic year in order to have their financial aid renewed. Renewal students receive their financial aid awards in June. Students who were initially not eligible for financial aid or who have never applied for financial aid may do so by submitting the required forms. Students whose financial circumstances change should be aware that financial aid may change accordingly.

Academic Scholarships

The College awards more than \$9 million each year in scholarships to academically talented students. The renewable awards include scholarships, which range in value amounts from \$4,000 to full tuition. In order to renew the Academic Scholarships, a student must maintain a stipulated grade point average in their course work at the College.

First-Year Students

In order to be eligible for the scholarship awards, the student must be a high school senior with an outstanding academic record, and have SAT scores well above the national average. Information concerning Academic Scholarships is available through the Office of Admissions.

Transfers

In order to be eligible for academic scholarships, a transfer student must have completed at least one year of college work with a grade point average of 3.2 or higher.

College Grants

A substantial number of grants valued from \$100 to \$14,000 are awarded to students each year based upon their financial need. Endowed and special scholarships that are a portion of these need-based awards are listed beginning on page 224.

Family Tuition Reduction Grant

Families with more than one immediate family member at the College are offered a special tuition reduction grant. The grant is \$2,000 and is listed on the second family member's financial aid award and bill. The grant will continue each year as long as there are two family members enrolled full time in the undergraduate program. If more than two members attend the College simultaneously, the tuition reduction will apply for each additional person.

Carroll County Scholarship

The College offers residents of Carroll County, Maryland, who are enrolled full time a \$1,500 renewable tuition scholarship. In order to receive this scholarship, the student must be a resident of Carroll County at the time the application is submitted and must maintain county residency. The residence of a dependent is determined by the residence of his or her custodial parent/guardian. A student does not have to demonstrate financial need in order to qualify. The scholarship is renewable annually by signing and returning the financial aid award letter.

Eagle Scout/Gold Award Scholarship

Eagle Scout and Gold Award recipients are eligible for a \$2,000 renewable tuition scholarship. In order to receive this scholarship, students must be full time and have at least a 2.50 GPA and a minimum SAT-I combined score of 1000. They are required to send a letter of recommendation from their troop leader and a copy of their certificate. The deadline for application is February 1.

Junior Achievement Scholarship

The College offers a \$2,000 Junior Achievement tuition scholarship to high school students participating in Applied Economics with at least a 2.50 GPA in school and 1060+ on the SAT-I. The scholarship is renewable for all four years, and students must write a letter to the Admissions Office stating they are interested in applying for the scholarship. The deadline for application is February 1.

AFS-American Field Service Scholarship

The College offers a \$2,000 tuition scholarship to AFS returnees who have a minimum 2.5 GPA and at least a 1000 on the SAT-I. The deadline for application is February 1.

Federal Grants

Federal Pell Grants are based solely on financial need. The amount of the grant is established by the U.S. Department of Education, based on a formula using family income and assets. The amount of the award may vary from year to year depending on changes in family income or federal regulations. To receive a Federal Pell Grant, a student must be enrolled as at least a half-time undergraduate student and must be a citizen or permanent resident of the United States.

Maryland State Grants

Any Maryland resident who intends to apply to the College for financial aid must apply for the Maryland State Scholarships and Grants. The FAFSA must be filed by March 1. Maryland students should also contact their state delegate and senator for scholarship consideration.

Other State Grants

Other states which have grant reciprocity with Maryland include: Connecticut, Delaware, Maine, Rhode Island, and Washington, D.C. Some of these states require a separate application while others use the FAFSA. The applicant should check for his or her state's application deadline.

Loans

The Federal Perkins Loan enables the College to assist many needy students. The typical student loan granted is in the range of \$500 to \$1,500 per year. The Federal Perkins Loan carries an interest rate of 5 percent, starting at the time of repayment of principal and interest which commences for new borrowers nine months after the student ceases to be enrolled at least half time in college.

The Federal Robert T. Stafford Student Loan Program also makes low-interest loans available to students. The maximum loan amount per year is \$2,625 for a student's first-year status, \$3,500 for a student's second-year status, and \$5,500 for a student's third- and fourth-year status. The maximum amount that an undergraduate student may borrow is \$23,000. The interest rate is variable, but cannot exceed 8.25 percent. For subsidized loans (based on financial need), the federal government pays the interest that accrues while the student is enrolled in college. For unsubsidized loans (generally not based on financial need), the student is responsible for paying all the interest that accrues on the loan.

Federal Work Study

Many students hold part-time jobs on campus during the academic year. Jobs are available primarily for students who have been awarded financial aid packages which include Federal Work Study. Students participating in these opportunities may earn between \$500 and \$2,000 a year. New students are mailed a list of job openings in August. In addition, job openings are listed on the Financial Aid Office bulletin board or at the individual departments.

Typical student employment includes positions such as library aides, dining hall workers, and assistants in the offices of Admissions and other administrative areas. Many students work in Decker College Center at the Information Desk, in the College Store, managing the game rooms and lounges, and in the College Activities Office. Jobs in the Athletics Department range from lifeguarding at Harlow Swimming Pool to managing admission at varsity events.

Satisfactory Progress Standards

All students receiving financial aid must meet the College's academic satisfactory progress standards in order to continue receiving aid each year. The U.S. Department of Education mandates that standards of satisfactory progress be set and maintained by all students receiving federal funding.

Students not making satisfactory progress will be notified and placed on a one-semester probation. If the standards are not met following the one-semester probation, financial aid will be withheld.

Students with extraordinary circumstances may appeal in writing to the Director of Financial Aid. Students who have been denied assistance based on unsatisfactory progress must successfully meet the satisfactory progress standards before being reinstated on financial aid.

Students who have earned greater than 150 credit hours and wish to receive financial aid should provide documentation with an appeal to the Director of Financial Aid demonstrating why they have not yet received a bachelor's degree.

Army ROTC Scholarships

The Army Reserve Officers' Training Corps program at the College offers four-, three-, and limited two-year scholarships to qualified applicants. Army ROTC scholarships are awarded by a national board based on academic merit and leadership potential. The scholarship amount is \$17,000 plus textbooks and \$150 per month for up to ten months of each academic year. The College awards ROTC scholarship recipients with tuition, room and board grants which, when combined with the ROTC funds, covers the total cost of education. These awards are renewable annually, contingent on the student maintaining a minimum 2.50 cumulative grade point average. Four-year scholarship applications must be submitted by November 1 of the year prior to college entry. Information and applications may be obtained from high school guidance offices, the Military Science department at the College, or by writing to Army ROTC Scholarships, Fort Monroe, VA 23651.

Air Force ROTC Scholarships

Air Force ROTC is available to students at the College through an agreement with the University of Maryland at College Park, MD. Students are eligible to compete for all Air Force ROTC scholarships. The two-, three-, and four-year scholarships cover tuition at both institutions and all required textbooks. They also provide \$150 per month subsidy, and pay for pilot and navigator training programs. Students who are interested in Air Force ROTC should contact the Military Science department at the College.

Veterans' Administration Benefits

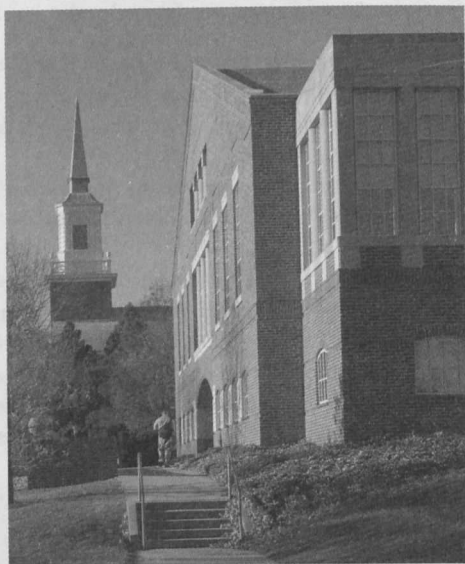
Veterans or their dependents who are eligible for veterans' educational benefits should contact the Office of the Registrar for certification of enrollment. Veterans' Administration regulations require students receiving benefits to enroll in courses that lead to a degree or certificate and to maintain satisfactory progress.

Monthly allowances, paid directly by the Veterans' Administration to the veteran, are based on the students' total credit hours per semester. Student tuition and fees are paid to the College by the student.

Installment Plans

The College makes available an installment plan for convenience in paying college expenses and also provides information on commercial tuition payment plans. (See College Expenses: Payment of Bills.)

This financial aid information was correct at the time this catalog was written. Changes in required forms, filing dates, amounts of money and other matters, many beyond the control of the College, are constantly taking place. Because of possible changes, financial aid applicants should contact the Office of Financial Aid for current information.



Expenses/Services

The College has always attempted to keep its fees within the reach of those students coming from families with moderate incomes while offering a liberal arts education of outstanding value.

The regular academic year for undergraduates consists of a fall semester, the January Term, and a spring semester. Students enrolling for 12 or more credit hours in the fall and spring semesters are charged tuition as full-time students. Students enrolled for more than 22 credits per semester are billed for each credit hour over 22. Students enrolling for less than full time will be charged at the part-time rate. Full-time undergraduates are entitled to enroll in one January Term without paying additional tuition. For information concerning our January Term, please refer to page 38 or the January Term catalog.

Tuition and Payment of Bills

The College attempts to make the tuition charge comprehensive; thus, it includes Student Health Service fees and Student Activities fees. The tuition for part-time and special students is \$680 per credit hour. Students who are at least 24 years of age and are seeking an undergraduate degree are eligible for a reduced tuition rate. Students who meet these criteria qualify to enroll for the first 12 undergraduate credits at one half the regular tuition rate.

Nondegree-seeking students who meet the aforementioned criteria and who additionally have no previous college credits are eligible to take one undergraduate course (4 credits) tuition free and are required to pay a nonrefundable \$30 deposit. To apply for these grants, students should contact the Admissions Office.

The College divides basic charges into two half-year billings, the first payable by August 5, 2002, and the second by January 6, 2003. An additional charge (late payment penalty) of 1.5 percent a month on the unpaid balance or \$25, whichever is greater, will be added if payment is not received in the Bursar's Office on or before the payment due date and on the unpaid balance of each succeeding month throughout the session. The proceeds of Federal Stafford Loans are exempt from the late payment penalty provided a completed application is received by the Financial Aid Office at least four weeks prior to the first day of the semester. Additional bills for miscellaneous fees, library fines, property damages, etc. are mailed as charges are incurred. Checks should be mailed to the Bursar's Office. No student will be permitted to enter class, receive grades or transcripts, advance from one class to another, or be graduated until all financial obligations are met. The student is responsible for attorney's fees and other costs necessary for the collection of any amount due.

Students normally preregister for the following semester during assigned periods as outlined in the Registrar's Courses of Instruction booklet.

Students may receive their class schedules and complete their registration prior to the first day of the semester. A \$35.00 late registration fee will be charged to students completing their registration on or after the first day of the semester.

For the convenience of parents desiring monthly payment arrangements, the College in partnership with Tuition Management Systems offers choices to make education affordable. Whether students prefer to pay the annual expenses by an interest-free, 10-month Tuition Contract or a low interest loan, TMS's counseling services helps keep payments affordable and loan debt at a minimum. Families may make inquiries at TMS's toll-free number 800-722-4867 or on-line at www.afford.com. Other commercial plans are available and may be obtained from the Bursar or Financial Aid office.

A schedule of tuition and fees follows:

Average Undergraduate Student Expenses

College Year 2002–2003	Resident	Nonresident
Tuition per semester ¹	\$ 10,880.00	\$ 10,880.00
Matriculation fee ²	\$ 350.00	\$ 350.00
Residence Halls/semester ³	\$ 1,345.00	
Residence Security Deposit ⁴	\$ 100.00	
Board/semester ⁵	\$ 1,295.00	
Average total/semester (includes tuition, room & board)	\$ 13,520.00	\$ 10,880.00
Average total/year	\$ 27,040.00	\$ 21,760.00

- ¹ Comprehensive fee. Students enrolled for more than 22 credit hours are billed an additional \$420 for each credit hour over 22.
- ² One-time fee required to reserve the student's place in class. The deposit paid at the time of acceptance is deducted from the first semester's charges.
- ³ Two persons per room in campus residence halls.
- ⁴ One-time deposit; returned when student leaves campus housing. (See Section—"Residence Security Deposit.")
- ⁵ Board is optional to residents of Garden Apartments, Pennsylvania Avenue houses, and commuters. Represents cost for 14 meals average per week or 210 meals per semester. Modest increases in tuition, room, and board may be expected each year.

Miscellaneous Fees

A current listing of miscellaneous fees is available in the Bursar's Office. Examples of those fees follow:

	Semester	Annual
Student Teaching fee	\$ 450.00	
Music fee (private lessons)	\$ 250.00/1/2 hr.	
	\$ 500.00/hr.	
Physical Education fees:		
Bowling	\$ 28.00	
Lifeguarding/Water Safety	\$ 55.00	
Skiing	\$ 105.00 no rental	
	\$ 140.00 full rental	
Racquetball	\$ 20.00	
Wallyball	\$ 20.00	
Late Registration fee	\$ 35.00	
Transcript fee	\$ 5.00 (per copy)	
Parking Registration fee		\$ 40.00
ID Replacement fee	\$ 15.00 (each replacement)	
Post Office Key Replacement fee	\$ 10.00 (each replacement)	
Yearbook		\$ 55.00
Photography Class fee	\$ 50.00	
Ceramics fee	\$ 25.00	
Jewelry fee	\$ 30.00	
Sculpture fee	\$ 15.00	
Prejudice & Power Class fee	\$ 35.00	
Audit Tuition rate (1/2 of regular credit hour)	\$ 340.00	

Room Fees

Freshman, sophomore, and junior students are required to live on campus unless they live with their parents, are married, or are over age 25. Exceptions are made by the Residence Life Office. Students are assigned single, double, or triple rooms in the Residence Halls. Double and single rooms are available in the Garden Apartments and Pennsylvania Avenue houses. The semester rates for these rooms follow:

<i>Residence Halls</i>	
double	\$1,345.00
single	\$1,530.00
<i>Garden Apartments</i>	
double	\$1,580.00
single	\$1,785.00
<i>Pennsylvania Avenue Houses</i>	
double	\$1,530.00
single	\$1,735.00

The Garden Apartments and Pennsylvania Avenue houses are equipped with kitchen facilities. All students living in College-owned housing will be charged full-time tuition. All students desiring College housing must make a deposit of \$200 in the spring before room assignment will be made for the following fall. This is subsequently credited toward the room charges when billed.

Board Fees

The College offers a “block plan” rather than the traditional “meals per week” in order to provide maximum flexibility. This plan provides a block of meals to be allocated by the student over the course of the semester. The number of meals consumed each week (or day) is at the discretion of the student and unused meals may be carried forward throughout the semester.

All freshman students residing in a traditional residence hall are required to be on the 210 meal plan for two semesters. The meal plan averages 14 meals per week for the 15-week semester. Upper class students residing in the residence halls are required to be on at least the 175-meal plan. Residents of the Garden Apartments and Pennsylvania Avenue houses and commuters may select any meal plan option by submitting a request to the Bursar's Office. The meal plans and the semester costs for 2002-2003 are as follows:

- 210 Block Plan: \$1,295.00 per semester. The student is given \$50 debit dollars per semester and 5 guest passes at one-half price. Thirty meals may be used in the Grille and Pub from 7:00 p.m. to midnight.
- 175 Block Plan: \$1,225.00 per semester. The student is given \$50 debit dollars per semester and 5 guest passes at one-half price. Twenty-five meals may be used in the Grille and Pub from 7:00 p.m. to midnight.
- 90 Block Plan: \$670.00 per semester. The student is given \$50 debit dollars per semester and 3 guest passes at one-half price. Fifteen meals may be used in the Grille and Pub from 7:00 p.m. to midnight. Students completing their “Student Teaching Certification” who reside in a residence hall may select this plan for that one semester. This meal plan averages 6 meals per week.
- 5 Lunch Only Plan: \$310.00 per semester. Students may have lunch in Englar Dining Hall Monday through Friday.

Additional meals may be purchased in small blocks as needed. January Term also provides a 36-meal plan to students residing in residence halls for the 3-week session. The cost is \$225.00 and averages 12 meals per week.

Students with meal plans have their I.D. cards activated as Allcard debit accounts. Commuter students also have debit card capabilities. The card is used to gain access into the Dining Hall;

purchase books, supplies, and clothing at the Book Store; purchase meals and snacks at the Grille and Pub; or pay telephone charges. The I.D. cards of ALL students have vending debit card capabilities for the soda and snack machines, washers, dryers, and the Hoover Library copiers. Please refer to the Allcard Dining Plan and Vending brochure for more information.

For more information on any of the meal plans, contact the Bursar's Office.

Health Insurance Fees

A Student Health Insurance fee of approximately \$320 is charged to all students each academic year. Waiver forms are included with the billing information and must be submitted by the due date to the Bursar's Office to cancel the charge. Information concerning the insurance and waiver forms may be obtained from the Student Health Center.

Refund Policy

The College must make financial commitments to its faculty, staff, and service contractors on an annual basis. It is assumed a student will not withdraw from the College during a semester. Should withdrawal become necessary because of prolonged illness or similar unusual circumstance, the following refund policy will prevail:

Tuition refund in event of withdrawal:

First week	80%
Second week	60%
Third week	40%
Fourth week	20%
After fourth week	no refund

Room

There will be no refund unless the room can be occupied by a nonresident student. If the room is filled, the refund will be prorated from date of withdrawal.

Board

A pro rata refund will be made from date of withdrawal. For students enrolled in the Allcard Meal Plans, there is no refund of monies deposited in the plan except upon official withdrawal from the College. A \$20 administrative fee will be charged.

The effective date of withdrawal is the date upon receipt of the Withdrawal Form in the Office of Academic Affairs. Should a credit balance be generated due to a reduction in tuition or other charges when a student withdraws, policies regarding refunds to federal aid programs will take precedence. Any remaining credit balance will be mailed to the billing address at the end of the academic semester.

It may happen that financial aid postings may exceed the cost of tuition, room, and board. If this occurs, a credit balance will appear on the billing statement. The College will maintain the credit and apply other cost-of-attendance charges such as books, supplies, transportation, miscellaneous personal expenses, or other institutional charges incurred at the student's discretion. The student may rescind this procedure at any time. The student may request a refund of the credit from the Bursar's Office at any time.

Academic Achievement

Honors Program

Students with outstanding academic records and standardized test scores are invited to apply for the Honors Program. As members of the program, they may take specially designed courses together each semester, may participate in special activities together, and may reside in common housing. Honors students who complete the Honors Program and earn a cumulative GPA of 3.40 or better receive certificates designating them College Scholars at graduation.

Phi Beta Kappa Society

Phi Beta Kappa was established in 1776 as a philosophical society. Eventually, it evolved into the paramount honor society for the liberal arts in the United States and consists currently of 262 local chapters. Its goal is to support, foster, and recognize the excellence of liberal arts scholarship in the institutions of higher education in America. The Delta of Maryland Chapter at the College was established in 1980. The chapter consists of members of the society who conduct the business of the society and elect student members, usually in the second semester of their senior year.

The requirements for membership include a major in the arts and sciences, exceptional scholarly achievement, broad cultural interests, and good character. Candidates must present a program including no fewer than 96 credit hours of liberal studies (or at least 3/4 of the courses required for the B.A. degree) and have obtained a minimum average grade point specified by the chapter. Liberal studies shall be considered to be those designed principally for knowledge or understanding or appreciation of the natural and social world in which we live. Grades earned in applied or professional work may not be counted in computing the liberal arts hours or the grade point average for eligibility.

In considering a candidate's eligibility, weight will be given to the breadth of the program as shown by the number, balance, and variety of courses (including some at the upper-level) taken outside the major. Also, students must have demonstrated knowledge of mathematics and a foreign language at a level appropriate for a liberal education. Election to membership in Phi Beta Kappa is wholly within the discretion of the local chapter, subject only to the limitations imposed by the constitution and by-laws of the chapter.

Eligible candidates will have completed at least three full semesters of work at the College and be registered as full-time for the fourth semester. Students who complete their college studies at the end of the summer session or before the end of January will be considered for membership during the following spring. Questions may be directed to the president or secretary of the Chapter.

Honor Societies

In addition to Phi Beta Kappa, there are nineteen other honorary societies on campus. Two societies oriented toward general accomplishment are Omicron Delta Kappa, a national society recognizing leadership qualities, and the Trumpeters, a local society honoring senior students dedicated to service.

National and international honor societies which recognize academic accomplishment in specific fields are Beta Beta Beta (Biology), Phi Lambda Upsilon (Chemistry), Lambda Pi Eta (Communication), Omicron Delta Epsilon (Economics), Kappa Delta Pi (Education), Phi Alpha Theta (History), Lambda Iota Tau (Literature), Phi Sigma Iota (Foreign Languages), Kappa Mu

Epsilon (Mathematics), Omicron Psi (Nontraditional Students), Phi Sigma Tau (Philosophy), Sigma Pi Sigma (Physics), Phi Sigma Alpha (Political Science), Psi Chi (Psychology), Pi Gamma Mu (Social Sciences), Phi Alpha (Social Work), and Alpha Psi Omega (Theatre Arts).

Dean's List

The Dean's List recognizes full-time (12 or more letter graded credit hours) undergraduate students with outstanding academic performances each semester on the following basis:

- Highest honors, requiring a semester grade point average of 3.80 or higher.
- High honors, requiring a semester grade point average of 3.60-3.79.
- Honors, requiring a semester grade point average of 3.40-3.59.
- Students who receive a grade of "I" or "NR" in any of their courses are not eligible for Dean's List.

General Honors at Graduation

General honors citations are recognized at graduation and recorded on the diplomas and on the students' permanent records. These honors are:

- Summa Cum Laude, for a cumulative grade point average of 3.80 or higher.
- Magna Cum Laude, for a cumulative grade point average of 3.60-3.79.
- Cum Laude, for a cumulative grade point average of 3.40-3.59.

Eligibility for general honors requires a minimum of 64 credit hours at the College or affiliated programs such as overseas programs, the Washington Semester, the U.N. Semester, the Appalachian Semester, Gallaudet Visiting Student Program, the Drew Semester in Brussels, and courses taken at the Budapest campus.

Departmental Honors at Graduation

Departmental honors are recognized at graduation and are recorded on the students' permanent records. To receive departmental honors, students must:

- Have a grade point average of 3.40 in all courses taken in the major.
- Satisfy any departmental requirements, such as engaging in a seminar or in independent study, submitting an essay, or passing with distinction a comprehensive examination in the major field.
- Be recommended by the department.

This option is also available to those students with student-designed majors.

Edith Farr Ridington Phi Beta Kappa Writing Award

The Edith Farr Ridington Phi Beta Kappa Writing Award was established by the College's Phi Beta Kappa Chapter to honor Edith Farr Ridington (Senior Lecturer, Emerita, until her death), long-time member of the faculty and charter member and historian of the Delta of Maryland Chapter of Phi Beta Kappa. The award goes to the graduating senior whose paper, written in consideration for honors in a major field, is judged to be the best of those submitted by the various departments or programs.

The Argonaut Award

The Argonaut Award, named for the College's original honor society founded in 1935 and superseded by Phi Beta Kappa in 1980, is given to the graduating senior or seniors with the highest cumulative grade point average in the class. For purposes of this award, the cumulative grade point average will be calculated based upon the student's entire transcript, using both transfer and the College's credits.

Academic Regulations

Academic Class

The College assigns students' class levels according to the following credit criteria:

- 0 to 23 credits = freshman
- 24 to 56 credits = sophomore
- 57 to 84 credits = junior
- 85 or more credits = senior

Grading System

For each course, the instructor determines the progress of the individual and the class by means of class work, tests, special assignments, papers, projects, conferences, and other procedures that might prove valuable.

The scholastic standing of students is indicated by a system of grades designated by the letters A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, CR, NR, and I. A, B, C, and D are passing grades, A+ indicating work of the highest rank, D- of the lowest. Students receiving the grade of F must repeat the course if they wish to receive credit for it.

Students receiving the grade of I (Incomplete) for a course must complete the course within one year from the date of record, unless a shorter time has been set by the course instructor or the Admissions, Retention, and Standards Committee. If the work for which the incomplete was granted is not finished within one academic year, the instructor will determine the grade for the course or an "F" will be assigned. The granting of an incomplete is not an option for graduating seniors in their final semester.

NR (Not Reported) is given when no grade is reported for the student by the instructor. These grades will be changed to an "F" if they are not resolved within one academic year.

Credit-Fail

Qualified juniors and seniors may elect one course per semester under the Credit-Fail option. To receive credit (CR) for a course under this option, a student must attain a grade of C- or better, but the letter grade is not recorded on the student's record. Grades of "D+" or lower are converted to "F" under this option. Any grades of "F" obtained under the "credit-fail" option will be used in the calculation of the student's grade point average. Although a student must declare the Credit-Fail option prior to the end of the second week of class, he/she can request a change from Credit-Fail to letter grade prior to the end of the semester. Courses taken Credit-Fail will not count toward a minor, nor satisfy basic liberal arts requirements. No more than 4 credits of a major may be taken credit-fail, in accordance with each individual department's rules. All internships and some January Term courses are graded on a Credit-Fail basis only, with the exceptions of student teaching and social work.

Auditing

An audit is entered on the record as "AU," no credit hours attempted, and no grade or quality points are awarded. The amount of participation required in the course is set by the professor. For a full-time student, there is no additional charge. For a part-time student, the charge is one-half the regular tuition. Although a student must declare the Audit option prior to the end of the second week of class, he/she can request a change from Audit to letter grade prior to the end of the semester. Students who choose this option must complete course requirements as assigned, must have the instructor's approval to change from audit to credit, and must pay the price

differential. While audited courses appear on student transcripts, they do not carry grades or credit. If the student does not meet the instructor's requirements, the instructor has the right to delete the course from the student's record.

Grade Point Average (GPA)

The general quality of students' work is determined numerically and is called the grade point average (GPA). The GPA is calculated in two steps. First, letter grades are converted to numerical values on the following scale: A+=4.30; A=4.00; A-=3.70; B+=3.30; B=3.00; B-=2.70; C+=2.30; C=2.00; C-=1.70; D+=1.30; D=1.00; D-=0.70; F = 0.00. A student earns quality points for each course completed equal to the number of credit hours for the course multiplied by the point value for the grade. Then, the semester grade point average is calculated by dividing the total quality points achieved by the number of credit hours attempted in letter graded courses. Thus, a student taking 4 four-hour courses (totaling 16 hours) who received one A, one B and two Cs would have earned a GPA of 2.75 for the semester. $(4 \times 4.00) + (4 \times 3.00) + (8 \times 2.00) = 44.0 \div 16 = 2.75$.

Similarly, an overall GPA for all work attempted at the College is calculated by dividing the total number of quality points earned by the total number of credit hours attempted. Affiliated Study Abroad Programs and certain Special Off -Campus Programs will be used in the calculation of a student's grade point average. However, transfer credit, AP credit, CLEP credit, and "credit" grades are not calculated in the College's GPA.

To maintain class standing, students must successfully complete the normal program of credit hours with at least a 2.00, or C, average. Any student's record whose cumulative grade point average is less than 2.00 will be reviewed by the Admissions, Retention, and Standards Committee.

The standard rate of progress is 32 credit hours a year, but students should undertake programs they can handle successfully, no matter what the credit hour totals. The number of credit hours that each course carries is stated in the Schedule of Classes and the College catalog.

The recommended first semester schedule normally consists of four regular (four semester hour) courses, totaling sixteen semester hours, with the possible addition of one or more courses with lesser credit (0.5 - 2 semester hours).

Twelve semester hours are the minimum you may carry in order to be considered "full-time." Failure to maintain full-time status may affect athletic participation, housing, health and automobile insurance, and financial aid.

Repeat Policy

A student has the option to repeat and pass a course previously failed in order to gain credit hours towards graduation. The student will receive the quality points for the new grade, and the original failing grade will no longer be used in the calculation of the grade point average. If a student repeats a course previously passed, he or she will not gain any new hours toward graduation. The higher of the two grades will be used in the calculation of the grade point average. All grades will remain on the student's transcript. Transcripts will be marked indicating the repeated courses. There is no limit to the number of times a course may be repeated.

Minimum Scholastic Requirements

1. While a student planning to graduate in four years should average 32 semester hours a year from courses taken during the fall and spring semesters, January Term, or summer school, there may be circumstances under which it may be necessary for a student to take fewer than this number of hours in one academic year. However, action may be taken regarding athletic eligibility, financial aid, and college housing because of underloads (fewer than 12 credit hours in a semester).

2. A student whose cumulative grade point average in courses taken at the College drops below 2.00 will receive a letter of academic warning from the Office of Academic Affairs. This letter may contain certain requirements such as an interview with members of the Admissions, Retention, and Standards Committee or a required improvement in cumulative grade point average in order for the student to continue at the College.

3. A student whose grade point average in courses taken at the College falls below the limits listed in the following table may be dismissed from the College. These limits vary with the number of semesters enrolled at the College and, for transfer students, with both the number of semesters enrolled at the College and the numbers of transfer hours accepted. In the case of transfer students, credit hours obtained during high school or from advanced placement tests will not be included in assigning the categories shown in the table. A student entering as a freshman who obtains college credit while in high school from advanced placement tests or following graduation but prior to full-time enrollment at the College will not be considered as a transfer student (see chart below).

<i>College enrollment in semesters</i>	<i>0 transfer hours</i>	<i>1-15 transfer hours</i>	<i>16-30 transfer hours</i>	<i>31-45 transfer hours</i>	<i>46-60 transfer hours</i>	<i>61 or more transfer hours</i>
1	1.00	1.00	1.25	1.35	1.50	1.50
2	1.50	1.50	1.50	1.60	1.70	1.70
3	1.60	1.60	1.70	1.75	1.90	1.90
4	1.70	1.70	1.80	1.90	1.95	2.00
5	1.80	1.80	1.90	1.95	2.00	
6	1.90	1.90	1.95	2.00		
7	1.95	1.95	2.00			
8	2.00	2.00				

Successful completion of a course requires a letter grade of A+ through D-, or CR for a non-graded course. Students not making satisfactory progress will have their records reviewed by the Admissions, Retention, and Standards Committee.

Satisfactory Progress Standards (Academic) for Financial Aid

To remain eligible for financial aid, a student must successfully complete at least 75 percent of credit hours attempted, earn the required total credits, and maintain the required GPA for the semesters listed below:

<i>Number of semesters</i>	<i>GPA</i>	<i>Credits earned</i>
1	1.00	12
2	1.50	24
3	1.60	36
4	1.70	48
5	1.80	60
6	1.90	72
7	1.95	84
8	2.00	96

Withdrawal

A student may withdraw from a course and receive a grade of "W" before the deadline specified for that term in the Catalog, Schedule of Classes, and *Student Guide and Datebook*. This course is not counted in calculating the student's GPA. After the stated date, exceptions to this rule may be permitted only by an Academic Dean and only in cases of genuine emergency, such as protracted illness late in the semester. In such cases, a grade of "W" may be permitted provided the student's work was satisfactory ("C-" or better) at the time of withdrawal.

Students who desire to withdraw from the College during the academic year must initiate the process with an Academic Dean in the Office of Academic Affairs. The student withdrawing will receive grades of "W" in each enrolled course provided the withdrawal is between the dates specified in the Academic Calendar. In the event of withdrawal from the College after the date specified, a student will receive a grade of "WP" (withdrawn passing for grades of "D-" or better) or "WF" (withdrawn failing for grades of "F").

Grade Reports

All students and their academic advisers are sent grade reports at mid-semester and at the end of each semester.

The Admissions, Retention, and Standards Committee reviews students' academic records each semester. A student may be dismissed from the College when his/her academic record is so low as to justify such action.

Educational Records

Educational records are those records, files, documents, and other material directly related to a student and maintained by the College or any of its agents. The College assumes an implicit and justifiable trust as custodian of these records. Access to and release of student records are determined by College policy, which complies with Public Law 93-380 (the Family Educational Rights and Privacy Act of 1974, often referred to as the Buckley Amendment). Copies of the College Policy on Release of Information About Students and of the U.S. Department of Education regulations implementing Public Law 93-380 are available in the Registrar's Office. Students receive notification of the rights accorded them under the above documents at the beginning of each academic year. A more complete description of these policies appears in the *Student Guide and Datebook*.

Retention of Records

Transcript records are permanently held by the Registrar's Office. Documentation pertaining to the registration for each semester is held only for a period of five years. If any questions should arise regarding documentation of enrollment more than five years beyond registration for a course, it will be the student's responsibility to produce proper documentation to support any claim for a change to their record.



Academic Programs

The College offers the undergraduate degree of Bachelor of Arts, which is generally earned in four years. The College also offers two graduate degrees: the Master of Liberal Arts and the Master of Science.

Requirements for the Bachelor of Arts degree allow students to acquire the skills and body of knowledge which are traditionally the benefit of a broad liberal arts education, and also to undertake concentrated study in one or more specialized areas in preparation for graduate or professional school or for post-college employment. The requirements include the structured flexibility of the College's Basic Liberal Arts Requirements (BLAR), and academic majors, dual majors, minors, pre-professional programs, and student designed majors and minors. Although each student is solely responsible for the selection of an academic program that meets the requirements of the College and fulfills his or her educational objectives, academic advisers as well as a career counselor, peer advisers, and other members of the College are available to facilitate this process.

The College's educational programs serve students who enter with firm choices of majors or career ambitions and students who are undecided. Students who enter college with clearly defined majors or career ambitions can immediately begin a specific course of study to achieve their goals, and these studies will be augmented by the College's Basic Liberal Arts Requirements.

It is, however, neither necessary nor always advisable for students to commit themselves to a particular major early in their college careers. Students who enter college undecided about a major or a career, as well as students who discover during the course of their studies that their initial choice of a major or career is no longer appropriate, can benefit from the exposure to various disciplines offered by the Basic Liberal Arts Requirements. In addition to their broader educational role, these requirements provide students with fresh perspectives on established areas of interest, with opportunities for new experiences in previously unconsidered subjects, and with insights that will assist them in making an informed choice when choosing an academic major.

The College reserves the right to change any provision or requirement at any time within your period of residence. However, if a change is made, you have the option of following the requirements in the catalog in effect when you first matriculated at the College.

Requirements for the Bachelor of Arts Degree

Students must meet the following requirements to graduate from the College with a Bachelor of Arts degree:

1. Completion of at least 128 credit hours. The 128 credit hours are distributed among major requirements, basic liberal arts subjects, at least one January Term course, and electives. You may not count more than 52 semester hours in any one subject area (French, Economics, Biology, etc.) toward the required 128 semester hours. Any additional hours taken for credit will be added to the 128 hours needed for graduation.
2. Completion of the Basic Liberal Arts Requirements and competence requirements as outlined below.
3. Completion of at least one of the academic majors (including the Capstone Experience) offered by the College with an overall 2.00 GPA in the major. You must have a 2.00 or better average in all courses required for the major, including supplementary courses (Math for a Chemistry Major, History for a Religious Studies Major, etc.). The major GPA for double and dual majors is calculated separately for each department. To complete a double or dual major, you must have at least a 2.00 GPA in each subject area and supplementing courses.
4. Completion of at least one January Term.
5. Successful completion of one first-year seminar.
6. A cumulative grade point average of 2.00 ("C") or above in all work taken at the College.

7. Completion of the last 32 hours, not including the semester in education, in residence at the College. Ordinarily if you have been in residence two years or more, you will be permitted to take as many as eight (8) of the last 32 hours off campus. If these are required for a major or a minor, the department or program head must approve, as well. NOTE: Courses taken at the Budapest campus, in affiliated study abroad programs, the U.N. Semester, the Washington Semester, and similar programs count as courses taken in residence. If you have questions about such courses, contact the Registrar's Office for advice.

All undergraduate students take 30 percent of their course work in the liberal arts: humanities, the fine arts, mathematics, and the natural and social sciences. A 4-1-4 calendar features a January Term, three weeks of intensive study during which students pursue special topics.

Transfer students and others seeking advanced placement should consult with their academic adviser, a faculty representative of their major department, and the Registrar's Office to determine applicable requirements.

Basic Liberal Arts Subjects

Given the First Principles of the College and its orientation to the liberal arts, the following basic requirements must be completed by every student. Except where indicated, no one course may be used to satisfy more than one liberal arts requirement, and each must be at least a four-credit course. A student may not carry courses that meet the Basic Liberal Arts Requirements under the Credit-Fail option.

A. HERITAGE SEQUENCE (HS)

The two courses used to fulfill the Heritage Sequence cannot be used to satisfy any other Basic Liberal Arts Requirement.

This two-semester sequence must be chosen from the following:

- AHY 1113 & 1114 History of Western Art I & II
- CLT 2219 & 2220 Great Works of the Western World I & II
- GSC 2203 & 2204 History of Scientific Thought I: Ancient to 1500 AD & History of Scientific Thought II: 1500 AD to Present
- HIS 1105 & 1106 Western Civilization, Origins to 1700, & Western Civilization, 1700 to Present
- HIS 1134 & 1135 History of Europe (Budapest Only)
- IDS 1107 & 1108 Women in Western Culture I & II
- MUL 2203 & 2204 Music of the Western World I & II
- MUL 2231 & 2232 The Heritage of African-American Music I & II
- PHI 1113 & 1114 History of Ancient and Medieval Philosophy & History of Modern Philosophy
- PSI 1111 & 1112 Classical Political Theory & Modern Political Theory
- REL 2251 & 2252 Religion in Western Culture I & II
- THE/CLT 2225 & 2226 Theatre of the Western World I & II

B. DISTRIBUTION REQUIREMENTS

Distribution requirements may be satisfied or reduced by scores on Advanced Placement (AP), or College Level Examination Program (CLEP) tests, International Baccalaureate (IB) work, on "Higher" level exams. These results will be determined on an individual basis by the Registrar's Office and will be made known to the student and his/her adviser.

The designations for courses which satisfy the various Distribution and Competency requirements can be found in the Schedule of Classes, available from the Registrar's Office prior to the enrollment period for each semester.

Global Perspective (GP)

One course that explores one or more cultures of Asia, Africa, the indigenous Americas, or the Pacific Rim, either exclusively or in explicit comparison with cultures of other regions. All Cross Cultural Studies (CCS) courses fulfill this requirement as does any other course so designated by the faculty. Global Perspective courses are indicated in the catalog.

NOTE: Courses designated as fulfilling the Foreign Language (FL), Humanities (HU), and Social Science (SS) requirements which also are cross-listed as a Cross Cultural Studies course, may be used to satisfy BOTH the GP requirement AND all or part of the other distribution requirement. CCS 1101, 1102, & 1120 satisfy ONLY the GP requirement.

Humanities (HU)

Three courses, from three different categories, among the following: Art History; History; Literature (American, British, Comparative, French, German, Latin, Spanish, and EPE 3345); Cinema Studies; designated Interdisciplinary Studies; Music History or Appreciation; Philosophy; Religious Studies; Theatre History or Appreciation.

Natural Science and Mathematics (NSM)

Two courses, from different categories, among the following: Biology; Chemistry; General Science; Mathematics; Physics; and EPE 2230 and 3325.

Social Sciences (SS)

One course from Economics, Political Science and International Studies, Psychology, or Sociology; and Communication 2202.

C. COMPETENCE REQUIREMENTS

Competence requirements may be satisfied or reduced by examination.

Students are expected to complete their academic competence requirements by the end of their sophomore year or, in the case of transfer students, by the end of the first full academic year, whichever comes later. Students who have not completed competence requirements in English Composition, Foreign Languages, and Mathematics on this schedule are subject to academic discipline, on the recommendation of the Admissions, Retention, and Standards Committee.

English Composition (EC)

With the exceptions noted below, all students must demonstrate competence in English composition both by passing English 1101/1105 and 1102 and by passing the English Competence Test administered as the final examination in English 1101. Students who do not pass the writing exam the first time will be given additional opportunities to do so prior to their graduation.

Students who have received grades of 4 or 5 on the Advanced Placement (AP) English Test have satisfied the requirement and will receive 8 additional credits. Students who have received a grade of 3 on the Advanced Placement (AP) English Test are exempt from the ENG 1101/1105 portion and the departmentally administered exam only and will receive 4 additional credits.

Incoming students who have received grades of 670 or higher on the Verbal portion of the Scholastic Aptitude Test (SAT) or 700 or higher on the SAT II writing test will be exempted from ENG 1101/1105 and the departmentally administered exam, but will not receive any additional credits.

Students who have received a grade of "C-" or better for courses comparable to English 1101/1105 and 1102 prior to their enrollment at the College are not required to take the departmentally administered writing exam.

Exercise Science and Physical Education

With the exceptions noted below, all students must present evidence of an acceptable level of knowledge and competence in courses involving (PEF) fitness (EPE 1001-1055 and EPE 1101-

1155) and (PES) skill (EPE 1066-1099 and EPE 1166-1180). The requirement includes the completion of four such courses, with at least one coming from each category.

Students may reduce all or some of this competence requirement by acceptable performance on departmentally administered proficiency tests or by participation on one or more of the teams in the College's intercollegiate athletic program. Evidence of such performance or participation must be certified by the Exercise Science and Physical Education Department Chairperson.

Foreign Language (FL)

Students are required to take and pass one or two courses in a foreign language, depending upon their performance on the Foreign Language Department placement exam. Students who place at the 1102/1103 level or higher need to complete one course in that language. Students who place at the 1101 level need to complete 1101 and 1102 in that language.

International students whose native language is not English are exempt from this requirement.

Mathematics

All students are required to demonstrate competence in both arithmetic and basic algebra.

Students have three methods to satisfy this requirement:

1. The College administers proficiency tests in arithmetic and basic algebra during the summer guidance days and four times during the academic year in September prior to the start of classes, in November, at the end of the January Term, and in April for all enrolled students. Students who pass these examinations also receive placement into various mathematics courses and are eligible to enroll in various classes, in a variety of programs, for which these tests are prerequisites.

2. Students may also enroll in the non-credit workshops in Arithmetic (MAT 1001) and Basic Algebra (MAT 1002), either as preparation for taking and passing the proficiency tests or as an alternative method for demonstrating competency in these subjects by performing at a satisfactory level during the semester-long workshops.

3. Students who have taken college level mathematics courses comparable to MAT 1106 (Finite Math), MAT 1107 (College Algebra/Trigonometry), or MAT 1117 (Calculus I) prior to enrollment at the College, will have satisfied the proficiency requirement.

Major Requirements

Each major offers a basic program, involving up to 50 credit hours of required course work within the discipline and sometimes from supplementary disciplines. No more than 52 credit hours in any one subject may be counted toward the 128 hours required for graduation. A student must have a 2.00 or better average (on a 4.30 scale) in courses required for the major. In addition to the basic major, many departments offer additional programs that involve particular courses to help students focus on or achieve specific goals.

The available majors are listed below:

Art	Mathematics
Art History	Music
Biology	Philosophy
Business Administration	Physics
Chemistry	Political Science/International Studies
Communication	Psychology
Economics	Religious Studies
English	Social Work
Exercise Science and Physical Education	Sociology
French	Spanish
German	Theatre Arts
History	

Dual Majors Requirements

Many departments offer students the option of combining work from two or more disciplines to achieve a program with a broader perspective. Usually a dual major requires more hours than a basic major in a single department. For dual majors, the student will be required to have a 2.00 GPA for all courses required by each separate discipline.

The available dual majors are listed below:

ART

Art – Communication

ART HISTORY

Art History – History

BIOLOGY

Biology – Chemistry (Biochemistry)

Biology – Mathematics

BUSINESS ADMINISTRATION

Business Administration – Business German

Business Administration – Economics

CHEMISTRY

Chemistry – Biology (Biochemistry)

Chemistry – Exercise Science and Physical Education (Exercise Chemistry)

COMMUNICATION

Communication – Art

Communication – English

Communication – Theatre Arts

ECONOMICS

Economics – Business Administration

Economics – Business German

Economics – Foreign Language

Economics – Mathematics

Economics – Political Science

ENGLISH

English – Communication

English – History

English – Political Science

English – Theatre Arts

EXERCISE SCIENCE AND PHYSICAL EDUCATION

Exercise Science and Physical Education – Chemistry (Exercise Chemistry)

FOREIGN LANGUAGE

Business German – Business Administration

Business German – Economics

Foreign Language – Economics

Foreign Language – History

Foreign Language – Political Science

HISTORY

History – Art History

History – English

History – Foreign Language

History – Political Science

MATHEMATICS

Mathematics – Biology

Mathematics – Economics

Mathematics – Physics

MUSIC

Music – Theatre Arts (Musical Theatre)

PHILOSOPHY

Philosophy – Religious Studies

PHYSICS

Physics – Mathematics

POLITICAL SCIENCE

Political Science – Economics

Political Science – English

Political Science – Foreign Language

Political Science – History

Political Science – Social Work

PSYCHOLOGY

Psychology – Sociology

RELIGIOUS STUDIES

Religious Studies – Philosophy

SOCIAL WORK

Social Work – Political Science

SOCIOLOGY

Sociology – Psychology

THEATRE ARTS

Theatre Arts – Communication

Theatre Arts – English

Theatre Arts – Music (Musical Theatre)

Student-Designed Major/Minor

The option of a student-designed major/minor is available to students whose academic interests and goals cannot be served by existing programs. Such a major/minor, designed by the student to meet particular goals, must be comparable in size and expectation to the conventional major/minor. In particular it must be cohesive, integrated, and possess significant breadth and depth.

The initial proposal for a student-designed major/minor should be submitted to the Curriculum Committee by the end of the sophomore year. This proposal must include a reason for the proposal and evidence that a standard major/minor will not satisfy the student's goals. The complete program should be presented (including specific courses to be included in the program and specific areas from which choices must be made). A student-designed major program of

studies must include a Capstone Experience. For examples of Capstone experiences, see the various major/track programs of the various disciplines listed in this catalog.

To submit a proposal, students must obtain an adviser willing to oversee the entire program. This program adviser may or may not be the student's regular faculty adviser, though in any case the regular adviser can obtain the required forms and help in the early stages of program planning. The program adviser will assist in preparing the final form of the proposal.

The student and program adviser are encouraged to consult with the Curriculum Committee during the planning stages of the major/minor in order to avoid problems later. Proposals should be acceptable if the student and program adviser plan thoroughly.

Examples of some recently approved Student-Designed Majors:

- Art in Deaf Culture
- Bio-Cultural Anthropology
- Classical Civilizations
- Criminal Psychology
- Medical and Biological Illustration
- Public Relations and the Performing Arts
- Sports Journalism
- Theatre Arts Management

Minor Programs

Many students have strong secondary interests and elect one or more minor programs in addition to their primary commitment to a major program. This option not only gives students a format for exploring secondary areas, it also gives recognition on a student's transcript that the student has completed a significant amount of study in an area outside the declared major.

Most departments offer minors, various departments cooperate to sponsor interdisciplinary minors, and some offer vocational or career minors.

The available minors are listed below:

- | | |
|-----------------------------|-----------------------------|
| Accounting | Human Resources Development |
| African-American Studies | International Studies |
| American History | Journalism |
| Art History | Mathematics |
| Athletic Training | Music |
| Biology | Outdoor Education |
| Business Administration | Philosophy |
| Chemistry | Physics |
| Classical Civilizations | Political Science |
| Communication | Psychology |
| Comparative Literature | Religious Studies |
| Computer Science | Secondary Education |
| Cross Cultural Studies | Sociology |
| Deaf Studies | Spanish |
| Economics | Sports Coaching |
| Elementary Education | Sports Journalism |
| English/American Literature | Sports Management |
| European History | Sports Science |
| French | Studio Art |
| German | Theatre Arts |
| Gerontology | Writing |
| History | Women's Studies |

First-Year Seminar

A first-year seminar is a graduation requirement for all first-year students. The first-year seminars offer students a unique opportunity to become better prepared for many facets of college life. Although these courses are offered in a wide variety of disciplines, they share the common goal of easing the transition from high school to college. While teaching the content specific to its discipline, each course will emphasize a variety of important skills including writing, oral presentation, study skills, critical thinking, and time management. Each of these skills is necessary for academic success. These seminars are also unique in that they are limited to only 15 students. Each student's first-year-seminar professor will serve as his/her academic adviser for the first year.

These courses also include a variety of opportunities for learning outside the classroom. Students have taken trips to the Supreme Court, the Library of Congress, the Maryland Renaissance Festival, the Maryland State Prison, and many local theaters and museums. In addition many classes shared meals at local restaurants or in the faculty members' homes.

Transfer students with 12 or more credits or non-traditional students (25 years or older) do not need to take a first-year seminar.

January Term

The January Term has been an important part of the College curriculum since 1969 because it provides both students and faculty with an unusual educational experience. Breadth and depth, while vital components of a liberal arts education, should not constitute the only objectives of students or faculty in their common pursuit of learning. There is a third dimension in this pursuit—intensity, a dimension which the January Term experience is designed to provide. Students and faculty are encouraged to view January Term as a cooperative venture where all of those involved can explore new areas and expand their intellectual horizons. The January Term may be envisioned as a time to cultivate special interests in depth; a time for creative work; a time for experimentation; a time for interdisciplinary dialogue; a time to explore art galleries, museums, and libraries in the area; a time to engage in special projects; a time for travel and study abroad; a time for study and reflection. For some students it is the opportunity to pursue independently, in an organized and guided way, projects or areas of study that deeply interest them. For others it is an opportunity to enroll in a course even though they have no previous background in the field. For others it means a time for exploration in an area of interest unrelated to their regular academic programs. This flexibility and experimentation in learning, which is the special feature of the January Term, will supplement and enrich the pattern of course work in the two regular semesters. January Term is a period of concentrated study normally beyond the range of the more usual course experiences.

Students are required to complete successfully one two-semester-hour January Term course as a requirement for graduation. Full-time undergraduates are entitled to enroll in one January Term without paying additional tuition. If students take a study tour as their first January Term, they may register for one future January Term on-campus course without additional tuition. However, any special fees required by the courses must be paid. Students remaining in the residence halls during January Term are required to pay the 36-block meal plan. Students on leave of absence or not enrolled at the College in the fall and who return for the January Term will be charged tuition, if applicable, and board for the session. Athletes who are not taking classes this January Term, but who are remaining in the residence halls for the duration, are billed for the 36-block meal plan.

January Term courses are described in a separate publication available from the Registrar's Office after September 1. Registration usually takes place during the third week of September.

Electives

The additional courses to total 128 or more credit hours for the baccalaureate degree should be selected with care and imagination in consultation with the academic adviser. It is here that the opportunity exists to balance and round out a college education, perhaps acquiring perspectives, information, and skills that will prove invaluable in many areas of life in the future.

Independent Studies

Independent studies provide students with the opportunity for individual study under the direction of a faculty member. The study, agreed upon by the sponsoring faculty member and the student, should be an experience not available within the regular college offerings. To enroll for an independent study, students complete a form available in the Registrar's Office. Individual departments or programs may formulate additional policies for independent studies; they may also have additional guidelines on independent studies for candidates for departmental honors.

Internships

The College conducts an active program of student internships through cooperative programs with government, business, industry, institutions, and individuals. Internships are generally arranged directly through the academic departments or programs of the College, and each internship must be sponsored by a member of the faculty. To enroll for an internship, students complete a form available in the Registrar's Office. No more than twelve credit hours of internships may be counted toward the 128 credit hours required for graduation. Internships are graded credit/fail ONLY.

Pre-Professional Studies and Cooperative Programs

Students who have received early admission to graduate or professional schools may petition the College to receive the B.A. degree after the successful completion of one year of graduate or professional study. In order to be awarded the degree, the student must have completed the College's Basic Liberal Arts Requirements, have his/her total program approved by the major department(s), and have completed sufficient hours of course work at the College and in the graduate or professional school to equal the 128 credit hours required for the College's graduation. The Provost and the chair of the major department(s) will determine whether these requirements have been met. Having met the requirements, the student will receive his/her degree and may participate in graduation ceremonies.

A broad liberal arts education is an asset for students who wish to pursue a professional education, and entrance examinations and admissions requirements for many professional schools favor individuals who have benefited from an undergraduate liberal arts education. For over a century the College has offered pre-professional education, and graduates have proceeded to study and practice the learned professions with distinction. A recent survey of Ph.D. productivity during the period 1951-1980 found that the College ranks in the top 50 institutions in the country in the percentages of its graduates who went on to earn Ph.D.'s in the life sciences. The College currently offers the following programs:

- | | |
|--|-------------------------|
| Pre-engineering studies | Pre-ministerial studies |
| Pre-legal studies | Pre-museum studies |
| Pre-medical and health professions studies | Teaching Certification |

Advisers and suggested curricula assist students who aspire to post-graduate professional education. Pre-professional students should discuss their goals with both their faculty adviser and the appropriate pre-professional program coordinator as early as possible.

Pre-Engineering Studies

Coordinator: Dr. Vasilis Pagonis, Physics

Students interested in becoming engineers can do so by completing three years at the College and two years at the University of Maryland at College Park; Washington University, St. Louis, Mo.; or another qualified engineering school. Successful completion of this five-year program qualifies the student to receive both the Bachelor of Arts degree from the College and the Bachelor of Science degree in Engineering from the engineering school.

A special two-year scholarship is available through Washington University (St. Louis) for students who follow the pre-engineering program.

You may also want to consider the possible advantages of completing a standard four-year undergraduate science or mathematics major before entering an engineering school. With an additional two years of study at an engineering school, you can complete a B.S. in Engineering, and you may be able to complete a master's degree.

NOTE: Modifications of the program can, and often must, be arranged to meet your needs and to satisfy the requirements of the engineering school at which you plan to complete the program.

THE FIVE-YEAR PROGRAM

96 semester hours at the College

Completion of the Basic Liberal Arts Requirements

24 hours in at least one of the following:

Biology

Chemistry

Mathematics

Physics

REQUIRED COURSES

CHE 1101 Intro to Chem: Structure & Bonding

CHE 1102 Intro to Chem: Chemical Reactivity

CSC 1106 Fundamentals of Computing I

MAT 1117 Calculus I

MAT 1118 Calculus II

MAT 3304 Differential Equations

PHY 1101 General Physics I

PHY 1102 General Physics II

PHY 2204 Introduction to Modern Physics

PHY 2211 Mathematical Physics

PHY 2212 Intermediate Mechanics

CHE/PHY 3308 Thermodynamic & Equilibria

Recommended

Economics

Suggested First-Semester Schedule

Physics 1101

English Composition (based on placement)

Mathematics (based on placement)

Foreign Language

First-Year Seminar

Pre-Law Studies

Coordinator: Dr. Charles Neal, Political Science and International Studies

Law schools give preference to students with high academic achievement and backgrounds of broad cultural and social education. A student may major in any department. The most useful courses are those which offer training in writing and speaking, literature, philosophy, history, economics, and political science. Both the Law School Admission Council and the Council on the Section of Legal Education and Admissions of the American Bar Association advise against taking courses on a credit/no credit basis if you intend to go to law school.

Check out our Web page: www.wmdc.edu, click on Academics, click on Political Science, click on Pre-Law.

Pre-Medical and Health Professions

(Medicine, Dentistry, Optometry, Pharmacology, Physical Therapy, Podiatry, Veterinary Science)

Coordinators: Dr. Samuel Alspach, Biology, and Dr. Louise Paquin, Biology

Since 1874 men and women graduates of the College have gone on to practice medicine and the other health professions. In addition to the science courses required for admission to professional schools, the College recommends a number of courses in other disciplines and an internship experience that allow the student to gain admission and to develop the knowledge and skills necessary for the study and practice of medicine and the other health professions. Professional schools expect that candidates for admission will achieve well-above-average grades in their undergraduate studies. Requirements of professional schools vary; students should seek advice from the Pre-Health Professions adviser early in their undergraduate career. The following courses are typical of those required for admission by many professional schools and should be taken in addition to courses required for a major:

CHE 1101 Intro Chem I: Structure & Bonding

CHE 1102 Intro Chem II: Chemical Reactivity

CHE 2217 Organic Chemistry I

CHE 2218 Organic Chemistry II

PHY 1101 General Physics I

PHY 1102 General Physics II

MAT 1117 Calculus I

BIO 1111 Principles of Biology I

BIO 1112 Principles of Biology II

Pre-Ministerial Studies

Coordinator: Dr. Gregory Alles, Philosophy and Religious Studies

Students considering the ministry as a profession should consult with their religious groups to determine precisely what educational preparation is required. Most, but not all, will require special professional education after the Bachelor of Arts degree at a denominational seminary or a divinity school. Such institutions have traditionally sought a well-rounded education in the liberal arts rather than a specific major such as religious studies. Courses in sociology, psychology, history, literature, communication, philosophy, and religious studies can all be helpful, as can others. Greek, Hebrew, or Latin will be indispensable to students with serious interests in studying the Bible. Spanish may be helpful for those interested in urban ministries or liberation theologies.

Pre-Museum Studies

Coordinator: Ms. Susan R. Bloom, Art and Art History

This program is for students planning careers in the areas of museum curatorship, management, public education, and administration. Students major in Art and/or Art History and complete a program which includes art history and studio art, business administration, foreign language study in German or French, and an internship.

TWELVE COURSES:

AHY 1113 Hist of Western Art I

AHY 1114 Hist of Western Art II

Four additional upper division Art History courses (3000 level or higher)

ART 2206 Computer Graphics

One Internship in Art (4 hrs.)

One Independent Studies or Special Topics course in Art History (4 hrs.)

Two courses in French or German (2 yrs. recommended)

Art History Capstone Exam

Teaching Certification

Coordinator: Dr. Francis M. (Skip) Fennell, Education

The College has provided programs for teacher preparation and certification for over 100 years. Although the College has never had a major in education, it does offer minors in elementary and secondary education. Students who complete the minor in elementary education, secondary education, or K-12 physical education or art are eligible for teacher certification in the State of Maryland (and over 35 states involved in the Interstate Reciprocity Agreement) in either elementary (grades 1-6), secondary (grades 7-12), or K-12 physical education or art. All of the College's teacher education programs are fully approved and accredited by the Maryland State Department of Education. Note that course requirements for the education minor are subject to changes reflecting Maryland State Department of Education certification regulations. Students interested in the education minor must consult with the coordinator as soon as possible.

In compliance with Title II–Section 207 of the Higher Education Act, the College is required to report the percentage of students who pass teaching exams required for state teacher licensure. The results for the College and overall rates for all colleges and universities in Maryland follow:

Tests of Basic Skills (Praxis I): College, 83%; Maryland average, 95%

(College data includes undergraduate, post baccalaureate and specialty programs.)

Tests of Professional Knowledge: (Praxis II): College, 100%; Maryland average, 92%

(Scores represent students in elementary and secondary education programs.)

Tests of Content Knowledge: (Praxis II): College, 90%; Maryland average, 93%

(Scores represent students in elementary and secondary education programs.)

Tests of Teaching Special Populations: (Praxis II): Maryland average, 79%; the College did not have enough test takers to report data.

Summary totals of Pass Rates: College, 74%, Maryland average, 88%

(Summary data includes undergraduate, post baccalaureate and specialty programs.)

More detailed information on Title II results is available through the Education Department, the Office of Graduate and Professional Studies and the College web site.

Military Science

Although no major is offered in this field, Military Science can be an integral part of a student-designed major or an elective supporting any major. The courses are designed to develop each student's leadership ability and to prepare the student for commissioning as an officer in the Active Army, Army Reserve, or Army National Guard. Courses are open to both men and women. Students will find that Military Science provides instruction and practical experience which complement any undergraduate major.

Registration at Other Colleges

Students interested in enrolling in courses at other institutions must complete a Transfer Request form in the Registrar's Office. Each student is responsible for having an official transcript sent from the other institution for posting to their permanent record. Please note transfer credits do not affect the student's grade point average at the College. Up to 96 credit hours in transfer from four-year institutions and up to 64 credit hours from two-year institutions will be accepted.

Undergraduates Enrolling in Graduate Courses

Second semester seniors at the College may apply to the Provost to enroll in a graduate course if they have a 3.20 cumulative grade point average. A maximum of two courses may be taken. These courses will count toward the student's undergraduate degree and can not be used as credit toward a graduate degree.

Special Off-Campus Semester Programs

The College offers several single-semester programs designed to enable students to pursue specialized interests. The Washington Semester Program, administered by The American University, enables students to study public affairs in the nation's capital. The United Nations Semester offers a limited number of students the opportunity to participate in the Drew University semester in New York. The Drew Semester in Brussels focuses on the politics of the European community. The Appalachian Semester, offered in cooperation with Union College in Kentucky, gives mature students an opportunity to study the Appalachian region. The Gallaudet Visiting Student Program is an opportunity for students to study and/or complete the Deaf Studies minor by immersion in the language and culture of deaf people.

Students considering a special off-campus semester should consult with their academic adviser, the appropriate program adviser, and the Bursar, Financial Aid, Registrar, and Residence Life offices at the College.

Appalachian Semester

The College participates in a specialized program of study at Union College in Kentucky. The Appalachian Semester offers mature students a unique opportunity for a full-time, fall-semester, interdisciplinary study of the Appalachian region—its strengths, its problems, and its challenges. The 15-hour program includes nine hours of upper-level History and Sociology courses and six hours of internship credit.

Contact: Barbara Horneff, Academic Affairs

Gallaudet Visiting Student Program

One semester of study is available to juniors and seniors who wish to complete the requirements for the Deaf Studies minor. The one semester at Gallaudet University in Washington, D.C., provides immersion in the language and culture of deaf people. Credit earned becomes a part of your record at the College. Residency on the Gallaudet campus is optional.

Contact: Karen Cook, Adviser for Visiting Students, Office of Admissions, Gallaudet University, at 202-651-5355 for application forms.

Adviser: Dr. Janet Conley, Education

The United Nations Semester

You also have an opportunity to broaden your liberal arts study by participation in the Drew University Semester at the United Nations. You may engage in observation and analysis of the United Nations on the scene in New York. In addition to a seminar and a research paper, participants may enroll in six to nine semester hours in the regular Drew University program. You must be recommended by the Campus Coordinator. Credit earned becomes a part of your record at the College.

Adviser: Dr. Herbert Smith, Political Science and International Studies

Washington Semester Program

To enable you to spend one term in specialized study of public affairs in the nation's capital, the College participates in the Washington Semester Program, sponsored and administered by The American University. Each semester you may study the American Government, the formulation of American foreign policy, the District of Columbia as an urban area, the administration of justice, problems of international development, economic policy formulation, or engaging in research projects, seminars, internships, and other formal courses at The American University.

Adviser: Dr. Christianna Leahy, Political Science and International Studies

The Budapest Program

This special program educates students from eastern and central Europe and other parts of the world who are interested in preparing for careers in the new global marketplace. The Budapest campus, in cooperation with College International Budapest and International Studies, Inc., offers a four-year undergraduate program in Business Administration and/or Economics, Communication, and Political Science, leading to a Bachelor of Arts degree. Students accepted into the Budapest program spend two years in Budapest and two years at the Westminster campus. This program fulfills newly born European needs by combining American "high-tech" business principles with student-centered liberal arts study tempered by both European and American intellectual traditions. Successful completion of the entire four-year program will result in the awarding of a Bachelor of Arts degree from the College.

Students from the Westminster campus are encouraged to study for a semester in Budapest. The College's financial aid may be applied to this program.

Studying Abroad

Adviser: Dr. Colette Henriette, Foreign Languages

Every year a number of students choose to study abroad. The College has entered into formal association with several American colleges, universities, and programs. These are: Central College (Central University of Iowa), the University of Maryland, American Institute for Foreign Study, Marymount College, Hood College (France), Heidelberg College, Center for Cross-Cultural Studies (Seville, Spain), Syracuse University, Alma College, Saint Louis University, Ripon College

(Academic Year Abroad), Harlaxton College, Butler University (Great Britain, Australia), Australearn (Australia), The American University in Paris, and College Year in Athens (Greece), Oxford Brookes University (England), International University Studies (Seville, Spain), Semester at Sea (University of Pittsburgh), School for International Training. Many other options for worldwide study are also available. Students should start planning for study abroad early in their college years. While no definite commitments have to be made early, careful academic-program planning is necessary.

In addition, the College is formally associated with four foreign institutions/programs of higher education. The College is affiliated with two British universities: the University of Buckingham and the University of Sheffield. Courses which are available in the Arts, Humanities, Sciences, and Social Sciences are taught in the British method of a combination of lectures, seminars, tutorial (small group work), and end-of-term examinations. Courses are usually less structured than at the College and rely substantially on independent study. The College also has agreements with the Université de Bourgogne (Dijon, France) and the Center of Bilingual Multicultural Studies (Mexico). A summer session at the International Institute of Russian Language and Culture in Tver (Russia) is also available.

For a complete list of programs available check the College Study Abroad Web page: [www.fac.wmdc.edu/Forlang/Study Abroad.htm](http://www.fac.wmdc.edu/Forlang/Study%20Abroad.htm).

Continuing Education

The College welcomes the growing number of students who are choosing either to begin or to continue their college studies at a point later in their lives. Recognizing that these non-traditional students have special needs, they are assigned special advisers.

For information, please contact the Office of Academic Affairs and see also under Admissions the entry on Nontraditional Students.

Second Bachelor's Degrees

The second bachelor's degree program at the College is designed to meet the needs of students who have completed an undergraduate degree in one field and wish to become proficient in another.

Students may elect any major offered at the College and must meet all academic requirements for that major. It is recommended that students consult with the department chair about requirements and course schedules. (A minimum of 32 credit hours beyond the first degree must be taken at the College; if the new major requires more than 32 credit hours, the additional credit hours must be taken before the degree is awarded.) A second degree requires a minimum grade point average of 2.00 in all work attempted at the College. Basic liberal arts requirements are assumed to be met, and 96 credit hours are automatically transferred from the original degree program. In some programs with prerequisites and/or requirements outside the student's discipline, it may take more than one academic year to complete the program. Tuition is reduced to the graduate rate per credit hour.

Applications for the second bachelor's degree and more specific policies and procedures for the degree are available from the Office of Academic Affairs.

Courses of Instruction

KEY TO FINDING AND INTERPRETING COURSE DESCRIPTIONS

Departmental or Program Listings

The academic departments or programs are generally listed in alphabetical order. All courses are listed under the department or program which offers them. Courses which are cross-listed will appear in more than one place.

Course Designations

Courses of instruction are designated by a system of four-digit numbers within each department. The first digit in the number indicates the class standing that a student must attain to be eligible for the course. To interpret the numbering system, students need to know that:

- Courses generally for freshmen are numbered in the series beginning 1000. Freshmen may not register for any course numbered 2000 or above, except by placement or with the permission of the instructor. Similarly, sophomores may not register for courses numbered 3000 or above, nor juniors 4000 or above, with exceptions permitted only by the instructor.
- Cross-listed courses are courses appropriate to more than one department or area.
- The number of credit hours per course is indicated below the course title. Courses which may be taken for variable credit (applied music lessons, independent studies, internships, etc.) or which can be repeated for credit are so indicated.
- Courses which fulfill particular Basic Liberal Arts Requirements have the category(ies) listed.
- Prerequisites for each course are so indicated following the description.
- A sequence of courses in which the first course is prerequisite to the second will be listed jointly, the numbers separated by a comma (e.g. English 1101, 1102 Composition and Reading I, II means that English 1101 is prerequisite to English 1102).
- Special Topics, Internships, and Independent Studies courses are listed with numbers separated by semicolons. These courses may be taken in any order.
- The (FR) designation after a number indicates that the course is offered only as a first-year seminar.

The College reserves the right not to offer any particular course when the demand is limited or instructional time is not available.

Academic Programs

African-American Studies

No major is offered in this field.

A minor in African-American Studies is offered through the Department of Sociology.

AFRICAN-AMERICAN STUDIES MINOR (20 HRS)

*Required Courses (Any of the courses below
NOT taken as a required course may be taken
as an elective.)*

SOC 4429 Race and Ethnic Relations in the
U.S.
and

ENG 2258 African-American Literature or
HIS 3328 African-American History (for
both above)

MUL 2231 The Heritage of African-American
Music I or MUL 2232 The Heritage of
African-American Music II

Electives (Any two courses from the list below.)

REL 2212 Martin and Malcolm

REL/SOC 3328 Liberation Movements and
Human Freedom

ENG 2253 Southern Literature

MUS 2210 History of Jazz

MUS/REL 2235 History of Gospel Music

ENG 2258 African-American Literature

HIS 3328 African-American History

MUL 2231 The Heritage of African-American
Music I

MUL 2231 The Heritage of African-American
Music II

Art and Art History

Professors Bloom (Department Chair) and
Palijczuk; Associate Professor Losch; Assistant
Professors Krehling McKay, Scott; Lecturer
Van Hart; Adjunct Lecturer Hankins.

Areas of particular teaching interest:
Professor Bloom: drawing, photography,
graphic design, computer graphics; Professor
Palijczuk: drawing, watercolor, life drawing,
painting, sculpture, printmaking; Professor

Losch: European art history, Native American
and African art; Professor Hankins: ceramics;
Professor Krehling McKay: Byzantine art
history; Professor Scott: Renaissance and
Baroque architecture, Italian and Spanish
Baroque painting; Professor Van Hart: jewelry,
design, and drawing.

The Art and Art History faculty works to
nurture students' understanding of the various
arts and to develop their artistic and creative
abilities, whether for their own intellectual
growth or for success in an art career. Critical
and technical skills are taught as well as an
appreciation of art as an essential element in a
fulfilling life as a vehicle for interpreting the
present and the past.

The department offers a range of experi-
ences, including the opportunity to view
monthly shows in our own Gallery One where
students can meet local and regional artists.
Art and Art History majors may also partici-
pate in special projects, including the creation
of painted murals or outdoor sculpture pieces.
Other opportunities include internships in
Graphic Design or in Museum Studies work-
ing with our own collection of Ancient and
Native American art. Field trips to galleries in
Washington, D.C., Baltimore, and New York
City broaden the horizons of students.
Opportunities for further travel exist in
January Term art tours of Europe and programs
for study abroad.

The undergraduate Art and Art History
program prepares students for a multitude of
careers. Our graduates are now working in
Graphic Design firms, attending graduate pro-
grams in Studio Art, Medical Illustration, Art
History, or Museum Studies, and teaching in
elementary and secondary schools throughout
the United States.

Students majoring in art may plan their
programs for graduate study in studio art,
graphic design, art history, or museum studies,
or for public school teaching. Many students
add art to their course of study for personal
enrichment and a desire for creative
satisfaction.

There are six basic approaches to the art major: graphic design, art history, pre-museum studies, studio art, combined studio art and art history and medical or scientific illustration. Students should consult the Guidance Bulletin for details. The following combined studio art and art history program illustrates one of these approaches.

Other Educational Options in Art:

Teacher certification (middle/high school), medical illustration, and dual majors with history or communication.

COMBINED STUDIO ART AND ART HISTORY (41 HRS)

ART 1101 Drawing I

ART 1117 Design

Five additional Studio Art or Art History courses

AHY 1113 & 1114 History of Western Art I & II

AHY 2240 20th Century Art

AHY Capstone Exam or ART 4492 Capstone Seminar (1 hr.)

STUDIO ART (45 HRS)

AHY 1113 History of Western Art I

AHY 1114 History of Western Art II

Nine courses in Studio Art

ART 4492 Capstone Seminar (1 hr.)

GRAPHIC DESIGN (53 HRS)

AHY 1113 History of Western Art I

AHY 1114 History of Western Art II

Eight courses in Studio Art

Recommended courses are:

ART 1101 Drawing

ART 1117 Design I

ART 2206 Computer Graphics

ART 2215 Photography

ART 2216 Graphic Design I

ART 3306 Printmaking

ART 3310 Watercolor

ART 3318 Graphic Design II

Two courses from:

COM 1103 Mass Communication

COM 1110 Public Speaking

BUA 2209 Principles of Marketing

ENG 2212 Professional Communication

PSY 1106 Contemporary Psychology

A four-hour internship 3395

ART 4492 Capstone Seminar (1 hr.)

ART HISTORY (44 HRS)

AHY 1113 History of Western Art I

AHY 1114 History of Western Art II

Five additional Art History courses

One course (4 hrs) in Independent Studies or

Special Topics in Art History

HIS 1105 & 1106 Western Civilization I & II

One course from:

CLT/CCS/REL 3321 Comparative

Mythology

PHI 1113 History of Ancient & Medieval

Philosophy

AHY Capstone Exam 4492

It is beneficial for students wishing to pursue graduate studies in Art History to have two years foreign language, French or German, and a semester abroad.

PRE-MUSEUM STUDIES (48 HRS)

AHY 1113 History of Western Art I

AHY 1114 History of Western Art II

Four Art History Courses (3000 level or above)

One Senior Internship (4 hrs.)

One Ind. Stud. or Topics Course in Art History (4 hrs.)

ART 2206 Computer Graphics

One year of German or French (2 yrs. recommended)

AH Capstone Exam 4492

MEDICAL/SCIENTIFIC

ILLUSTRATION (69 HRS)

Seventeen courses – This is basically a hybrid double major

Nine courses in Studio Art (36 hrs)

One internship or independent studies (4 hrs) in that field

BIO 1111 Principles of Biology I

BIO 1112 Principles of Biology II

BIO 2211 Human Physiology

BIO 3323 Developmental Biology

BIO 3324 Comparative Anatomy of Vertebrates

CHE 1101 Intro Chem I: Structure & Bonding

CHE 1102 Intro Chem II: Chemical Reactivity

ART 4492 Capstone Seminar (1 hr.)

**ART WITH SECONDARY (7-12)
TEACHER CERTIFICATION (76 HRS)**

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations.

See Education Minor for more information.

40 HRS IN ART, INCLUDING:

AHY 1113 History of Western Art I

AHY 1114 History of Western Art II

AHY 2240 Twentieth Century Art

ART 1101 Drawing I

ART 1117 Design

ART 2211 Sculpture

ART 2219 Ceramics

ART 3306 Printmaking

ART 3313 Painting

One additional ART or AHY course

EDU 1111 Learning in a Diverse Society or

EDU 1141 Teaching and Learning in a Diverse Society

EDU 2240 Planning and Evaluating Instruction (includes practicum)

Passing Praxis I scores and education program candidacy interview – spring of sophomore year

Methods Course in the field (see below – includes practicum)

EDU 4417 Reading in the Content Areas – Part I (includes practicum)

Professional Semester (12 hrs)

EDU 4418 Reading in the Content Areas – Part II (2 hr)

EDU 4432 Secondary Student Teaching – Middle (6 hr)

EDU 4434 Secondary Student Teaching – High (6 hr)

Passing Praxis II scores and presentation of Program Portfolio – student teaching semester

PSY 2209 Child and Adolescent Development

It is recommended that you secure an adviser in the Education Department for that portion of the program. The student teaching semester may be completed during the senior year or after graduation. If the student teaching semester is completed after graduation, you must take the AH Capstone Exam or ART 4492 Capstone Seminar. (It is strongly recommended that you complete your Capstone prior to student teaching.)

DUAL MAJOR: ART HISTORY – HISTORY

(56 HRS: 28 IN ART HISTORY AND 28 IN HISTORY)

AHY 1113 History of Western Art I

AHY 1114 History of Western Art II

Four upper-level Art History Courses

One course in an Independent Studies or Special Topics (4 hrs)

AHY Capstone Exam 4492

HIS 1105 History of Western Civilization I

HIS 1106 History of Western Civilization II

HIS 4492 Capstone – History Colloquium

Four History courses, 2000 level or above, either American or European

It is recommended that you secure an adviser within the History Department also.

Contacts: Dr. Losch, Art History

Dr. T. Evergates, History

**DUAL MAJOR: ART – COMMUNICATION
(60 HRS: 28 IN ART COMPONENT
AND 32 IN COMMUNICATION
COMPONENT)**

ART 1101 Drawing I

ART 1117 Design

ART 2206 Computer Graphics

ART 2215 Photography

ART 2216 Graphic Design I

ART 3306 Printmaking

AHY 2240 Twentieth Century Art

COM 1102 Interpersonal Communication

COM 1103 Mass Communication

COM 1110 Public Speaking

COM 2202 Communication Research Methods

STA 2215 Elementary Statistics for Social Science

Three additional four-credit courses in Communication at the 3000 level or above. (Internships do not apply.)

At least one Capstone 4492 course in either Art or Communication and an internship is also recommended.

It is recommended that you secure an adviser within the Communication Department also.

Contacts: Prof. Bloom, Art

Dr. Lemieux, Communication

MINOR IN STUDIO ART (20 HRS)

Five courses in Studio Art

MINOR IN ART HISTORY (20 HRS)

AHY 1113 & 1114 History of Western Art I & II

Three upper-level Art History courses

Studio Art Course Descriptions (ART)

Studio Art courses do not fulfill the Humanities requirement.

1101 Drawing I

4 credits

A studio course concentrating on basic principles and variations in lines, texture, value, composition, and use of drawing skills.

1117 Design

4 credits

An introductory investigation of two-dimensional design principles involving the elements of art in solving visual problems. Issues of consumerism and the development of a personal portfolio in a variety of media are stressed.

2201 Life Drawing

4 credits

Drawing from live models to learn proportion and anatomy of human head and figure. Various drawing media and techniques are emphasized. Recommended: Art 1101, or permission of the instructor.

2206 Computer Graphics

4 credits

A study of the fundamentals of computer graphics. Work will include paint and draw programs as well as photo manipulation and desktop publishing.

2211 Sculpture

4 credits

Clay modeling of the human head and figure, making of plaster molds and castings. Recommended: permission of the instructor.

2214 Jewelry & Metalsmithing

4 credits

An intensive study of problem-solving in body adornment through historic and multicultural perspectives. Processes employed include piercing, forging, beading, fabrication, and repousse. There is an extra fee for materials. Priority is given to art majors.

2215 Photography

4 credits

A study of the technical processes, aesthetics, and history of photography. The course requires a 35 mm camera with manual settings, and emphasizes the production of black and white prints.

There is an extra fee for materials.

2216 Graphic Design I

4 credits

A studio activity stressing the importance of the imaginative and creative talents of the artist in today's commercial art world.

Recommended: Art 1101, 1117.

2219 Ceramics

4 credits

A studio course investigating the coil, slab, and wheel methods of clay construction. Firing techniques and glazing procedures are introduced.

3306 Printmaking

4 credits

A study of the principles of printmaking, with emphasis on wood and linoleum printing, serigraphy, intaglio, and, in special cases, lithography.

Recommended: Art 1101, or permission of the instructor.

3310 Watercolor

4 credits

Experimentation with at least ten different techniques of watercolor painting.

Recommended: Art 1101, or permission of the instructor.

3313 Painting

4 credits

An introductory course in oil painting with emphasis on realistic or recognizable objects. The mixing and application of paint to the painting surface and at least five painting techniques are studied.

3318 Graphic Design II

4 credits

A studio course dealing with the technical realm of advertising graphics, illustration, and informative and promotional art. Field trips to a variety of art agencies are included.

Prerequisite: Art 2216.

4492 Portfolio Preparation (Capstone)

1 credit

Preparation of a portfolio under the supervision of appropriate faculty.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in Studio Art

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internship in Studio Art

0–4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in Studio Art

0–4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Art History Course Descriptions (AHY)

All art history courses consist of a survey of one or more stylistic periods. Students also engage in research and creative analysis of specific works and relate their studies where possible to other disciplines. Instruction includes field trips to museums each semester.

1113 History of Western Art I

4 credits

A survey of painting, sculpture, and architecture from 15,000 B.C. to 1400 A.D. Included are Near Eastern, Egyptian, Greek, Roman, and Medieval Art.

Heritage Sequence, Humanities.

1114 History of Western Art II

4 credits

Continuation of the survey of History of Western Art I, 1400 to present. Emphasis is

placed on the Renaissance, Baroque, Romantic, and Modern periods.

Heritage Sequence, Humanities.

2207 Archaeology of Greece

4 credits

Introduction to the history of classical archaeology and to the current theories and methods of the discipline through study of archaeological sites and material remains from the Bronze Age to the fourth century B.C.E. The course also includes examination of architecture, painting, and sculpture in their original private, civic, and religious context. Humanities.

Cross-listed with History 2207.

2222 Art of the Medieval World

4 credits

A study of the Early Christian, Byzantine, Romanesque, and Gothic Arts in Europe. Humanities.

2225 Survey of American Art

4 credits

An examination of painting, sculpture, and architecture in America from Colonial times to the Second World War with an emphasis on nineteenth and early twentieth century painting. All works will be discussed as visual reflections of the specific cultural and historical contexts in which they were created. Humanities.

2229 Arts of India, China, and Japan

4 credits

The development of painting, sculpture, and architecture in India, China, and Japan. Global Perspective, Humanities. Cross-listed with Cross Cultural Studies 2229. Offered in 2002-2003 and alternate years.

2235 Arts of the Renaissance, 1300-1600

4 credits

The development of European Arts from Giotto to Michelangelo in the south, and Van Eyck to Bruegel in the north. Humanities.

2236 Baroque and Rococo

4 credits

A study of the architecture, sculpture, and painting of the period 1600-1800. The masters Bernini, Caravaggio, Rubens, Rembrandt, Velazquez, and Watteau are included. Humanities.

2239 Romanticism and Impressionism*4 credits*

A study of the major artists of the nineteenth century including David, Goya, Delacroix, Courbet, Manet, Monet, Degas, Van Gogh and Gauguin. Both European and American art are included.

Humanities.

2240 Twentieth Century Art*4 credits*

Painting and sculpture in Europe and America from 1900 to the present day. Emphasis is placed on emerging artistic trends.

Humanities.

2241 The Arts and Architecture of the African Continent and Beyond*4 credits*

A survey of the ancient and traditional arts of the African continent, including North Africa. Works will be discussed as visual reflections of the specific cultural and historical contexts in which they were created. Some consideration will also be given to the influence of these varied artistic traditions on the art and architecture of the Caribbean, America, and especially the modern European artistic traditions seen in the works of such artists as Picasso, Braque, Matisse, and others.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2241. Offered as needed.

2242 Art and Culture of Islam*4 credits*

An investigation of the architecture, painting, and other arts of the Islamic world. Areas covered include the arts of Syria, Iran, Turkey, Medieval Spain, North Africa, Central Asia, and Moghul India.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2242.

2250 Traditional Native American Arts and Architecture*4 credits*

An examination of the unique varieties of Native American cultures and the works of art and architecture that were created from ancient times to the twentieth century. While the course examines the arts from all the Americas, emphasis will be placed on the arts of the

regions now referred to as the United States and Canada.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2250.

Offered 2001-2002 and alternate years.

3305 Sacred Architecture*4 credits*

A historical and systematic examination of both formal and symbolic aspects of structures built for religious purposes, along with their associated religious activities.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 3305 and Religious Studies 3305.

Offered as needed.

4492 Seminar in Art History – Capstone Experience*1 credit*

An examination that involves writing essays concerning art pieces which constitute the basic core of art history knowledge.

2265; 2266; 3365; 3366; 4465; 4466 Special Topics in Art History*4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496 Internship in Art History*0–4 credits*

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499 Independent Studies in Art History*0–4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Biology

Professors Alspach, M. Brown, Iglich, Long, and Paquin (Department Chair); Associate Professor Morrison; Assistant Professor Mitschler; Lecturer Schmall.

Areas of particular teaching interest: Professor Paquin: genetics (human and molecular), cytogenetics, bioethics; Professor Alspach: comparative physiology of vertebrates and invertebrates, marine biology, physiological ecology; Professor Brown: microbiology; Professor Iglich: ecology, evolution, botany; Professor Long: developmental biology, anatomy, evolution; Professor Mitschler: parasitology, immunology; Professor Morrison: cell biology, vertebrate diversity.

Biology offers a major that provides the essential background for students who wish to pursue graduate or professional studies and those who wish to find careers in biological research, as well as those who wish to gain certification for secondary school (middle/high school) teaching. From its founding, the College and the Biology Department have prepared men and women to enter medical school and graduate programs in the life sciences. Biology offers courses to prepare students for a variety of careers. Faculty advisers recommend additional courses for particular careers including but not limited to allied health fields, environmental biology, graduate study, and teacher certification.

The faculty of the biology department believe that students must work in and beyond the classroom to develop a personal perspective of biological knowledge. The faculty understands its role to be that of teachers, mentors, and friends who guide students to knowledge and help them comprehend it. Additional growth may be gained outside the classroom.

Many Biology students find employment and enjoy successful careers with a bachelor's degree. They enter fields in genetics, marine science, cancer research, environmental analysis, and work as laboratory research associates.

Students may prepare themselves to pursue a career in research which could lead to post-graduate training at the master's or doctoral level. Our undergraduate course offerings cover

the basic requirements for most graduate programs. Students should be aware that many doctoral programs require calculus (MAT 1117), two semesters of organic chemistry (CHE 2217, 2218), and two semesters of physics (PHY 1101, 1102) in addition to the courses required by the Department. Specific requirements should be discussed with the student's faculty adviser.

Students may decide to pursue a career in such health science fields as medicine, dentistry, optometry, physical therapy, pharmacy, or veterinary medicine. Our curriculum, coupled with pre-professional advising, enables students to meet the course requirements for these programs. Students should consult Dr. Sam Alspach for specific advice early in their careers.

Students interested in environmental studies may follow our environmental biology track within the department. Students should consult Dr. Esther Iglich for specific advice.

Students may elect to minor in elementary or secondary education for teacher certification. Biology students interested in a career in education should consult: 1) the Education Department section in this Catalog; 2) Drs. Lockard (Education) and Paquin (Biology); and 3) the listing of required courses shown below under Teacher Certification.

Biology majors with interests in academic areas outside the sciences are encouraged by the Biology Department to develop these talents. Our students have graduated with double majors in Art (medical illustration, graphic design), Business and Economics, English (journalism), History, Foreign Languages (French, Spanish), Physical Education (sports medicine, physical education trainer), and Philosophy. Students have also graduated with Biochemistry or Math dual majors.

Other educational options in Biology: Through an added system of advising, internships, and suggested ancillary courses in a Pre-Professional Curriculum for the Health Sciences, the biology department assists those who wish to enter professional schools (in medicine, dentistry, veterinary science, optometry, nursing, etc.).

BASIC MAJOR (48 HRS)*Required:*

BIO 1111 Principles of Biology I

BIO 1112 Principles of Biology II

Biology 1111, 1112 are prerequisites for all 2000 and 3000 level biology courses.

(Students must pass both sections of the Math Proficiency Test for all 2000 and 3000 level courses.)

CHE 1101 Intro Chem. I: Structure & Bonding

CHE 1102 Intro Chem. II: Chemical Reactivity

CHE 2217 Organic Chemistry I

Seven additional courses (28 hrs.) selected from the groups shown below. The selections must be made according to the following guidelines:

1. One four-credit course must be selected from each of the four groups below;
2. The remaining three courses, i.e. those not accounted for in guideline 1, must be selected from at least two of the groups;
3. At least four of the courses must be laboratory courses (* denotes a laboratory course).

All seniors, including all dual majors, will participate in the research poster presentation, which will serve as their Capstone Experience. (BIO 4492)

GROUP 1*Cell and Molecular Biology*

BIO 2203 Genetics

BIO 3310 Cell Biology *

BIO 3301 Immunology *

BIO 3311 Advanced Genetics – Molecular

GROUP 2*Organismal Biology*

BIO 2206 Epidemiology

BIO 3309 Advanced Genetics – Human Molecular

BIO 3316 Animal Physiology *

BIO 3323 Developmental Biology *

BIO 3324 Comparative Anatomy *

GROUP 3*Diversity*

BIO 2201 Vertebrate Diversity *

BIO 2204 Botany *

BIO 2205 Invertebrate Zoology *

BIO 2218 Parasitology *

BIO 3307 Microbiology *

GROUP 4*Population-Ecosystem Biology*

BIO 2209 Environmental Health

BIO 2217 Ecology *

BIO 2234 Marine Biology *

BIO 3321 Evolution

Special topics courses will be assigned to particular groups.

Strongly Recommended Courses:

CHE 2218 Organic Chemistry II

CSC 1106 Fundamentals of Computing I

MAT 1117 Calculus I

MAT 1118 Calculus II

PHY 1101 General Physics I

PHY 1102 General Physics II

STA 2215 Elem Statistics for Social Science

STA 2216 Statistical Methods

Suggested First-Year Schedule:

BIO 1111 & 1112 Principles of Biology I & II
CHE 1101 & 1102 General Chemistry I & II
or BLAR

English Composition

First-year Seminar

NOTES:

1. The course load for each semester is usually four courses. All Biology majors take Principles of Biology (BIO 1111, 1112) in the fall and spring semesters. Students who decide to take General Chemistry (CHE 1101, 1102) in their first year should consult with their adviser or, if their adviser is from another department, with a faculty member in the Biology Department before making this decision. The third first-year course is usually English Composition. The other one or two courses should be chosen to fulfill a Basic Liberal Arts Requirement as well as the First-year Seminar requirement.
2. All courses should be selected only after consultation with the academic adviser and a biology adviser.

ENVIRONMENTAL TRACK WITHIN THE MAJOR (48 HRS)*Required:*

All courses required for the basic Biology major, including the Capstone Experience.

From the seven selected courses:

- 3 should be chosen from group 4
- 2 should be chosen from group 3
- 1 should be chosen from group 2
- 1 should be chosen from group 1

Recommended:

BLAR courses should be selected from:

- Political Science, Economics and Statistics
- One to three credit hours of an internship

Contact: Drs. Iglich or Alspach, Biology

HONORS IN BIOLOGY

Honors in Biology will be awarded to graduating seniors who have earned at least a 3.40 grade point average in all courses taken in the major and who are recommended by the Department.

Departmental recommendation is based on evaluation of a paper describing a laboratory or field research project done by the student and a poster presentation. Students may pick up guidelines in the Department Office.

MINOR IN BIOLOGY (20 HRS)

Five 4-credit courses; at least three must be at the 2000 or 3000 level

Alternate Career Options for the Biology

Major:

- A. BIOLOGY AND CHEMISTRY DOUBLE MAJOR (also see Chemistry Major Requirements)
- B. BIOLOGY MAJOR AND CHEMISTRY MINOR (see Chemistry Minor Requirements)

C. DUAL MAJOR: BIOLOGY – CHEMISTRY (BIOCHEMISTRY) (65 HRS)

This dual major is intended to serve the needs and interests of students who wish to concentrate their studies in the fields of biochemistry and/or molecular biology. The program is designed to be flexible, allowing them to emphasize biology or chemistry to greater degrees depending on their interests. You will be considered to be majors in both departments and will have an adviser in both departments.

Required Courses:

- BIO 1111 Principles of Biology I
- BIO 1112 Principles of Biology II
- BIO 2203 Genetics
- BIO 3310 Cell Biology
- BIO 3309 Advanced Genetics – Human Molecular or BIO 3311 Advanced Genetics – Molecular
- CHE 1101 Intro Chem I: Structure & Bonding
- CHE 1102 Intro Chem II: Chemical Reactivity
- CHE 2217 Organic Chemistry I
- CHE 2218 Organic Chemistry II
- CHE 2210 Physical Chemistry for Life Science or CHE 3308 Phys Chem II
- CHE 3321 Biochemistry I
- CHE 3322 Biochemistry II
- MAT 1117 Calculus I
- One additional four-hour course from BIO (including LAB)
- Two additional four-hour courses from Biology and/or Chemistry
- BIO/CHE 4494 Biochemistry Seminar (Capstone Experience)

Recommended for Graduate Study in Biochemistry:

- MAT 1118 Calculus II
- PHY 1101 & 1102 General Physics I & II
- CHE 2201 Electronic Literature Search in Chemistry (1 hr)
- CHE 3307 Physical Chemistry I and/or CHE 2219 Quantitative Analysis

Required Additional Courses for Pre-Medical, Pre-Dental:

- PHY 1101 & 1102 General Physics I & II

Suggested First-Year Schedule:

- CHE 1101 Intro Chem I: Structure & Bonding
- CHE 1102 Intro Chem II: Chemical Reactivity
- BIO 1111 & 1112 Principles of Biology I & II
- Mathematics, according to placement
- English Composition, according to placement
- First-year Seminar

Contacts: Drs. Morrison or Paquin, Biology

D. DUAL MAJOR: BIOLOGY – MATHEMATICS (66 HRS)

- BIO 1111 Principles of Biology I
- BIO 1112 Principles of Biology II
- Four additional courses at the 2000-3000 level, to be chosen from at least three of the

four biological course groups (see Biology Major Requirements) and including at least two laboratory courses and the Capstone Experience.

CHE 1101 Intro Chem I: Structure & Bonding

CHE 1102 Intro Chem II: Chemical Reactivity

PHY 1101 General Physics I

MAT 1118 Calculus II

MAT 2218 Linear Algebra

MAT 2221 Fundamental Concepts of Algebra

MAT 3304 Differential Equations

MAT 3305 Intro to Mathematical Analysis

MAT 3323 Probability

MAT 4494 Capstone Experience in Mathematics (1 hr)

One hour of Mathematics Problem Seminar

CSC 1106 Fundamentals of Computing I

Recommended:

MAT 2219 Calculus III

STA 2216 Statistical Methods

Contact: Dr. Paquin, Biology

Dr. R. Boner, Mathematics

E. BIOLOGY WITH SECONDARY (7-12)

TEACHER CERTIFICATION (92 HRS)

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations.

See Education Minor for more information.

Students who wish to qualify for teacher certification should do the following:

Completion of the basic major in Biology

PSY 1106 Contemporary Psychology

PSY 3306 Adolescent Development & Behavior

EDU 1111 Learning in a Diverse Society or

EDU 1141 Teaching & Learning in a Diverse Society

EDU 2240 Planning & Evaluating Instruction

Provide Certifying Scores on Praxis I

EDU 3350 Methodology in Science

EDU 4417 Reading in the Content Area I Semester in Education:

EDU 4418 Reading in the Content Area II

EDU 4432 Secondary Student Teaching (middle)

EDU 4434 Secondary Student Teaching (high)

Provide Certifying Scores on Praxis II

PHY 1101 General Physics I

PHY 1102 General Physics II or PHY 1101

plus one semester of Earth Science (for example: Astronomy, Weather, Oceanography, Geology)

Contact: Dr. Paquin, Biology

Biology Course Descriptions (BIO)

1111 Principles of Biology I

4 credits

This course is intended for prospective science majors and is required, along with BIO 1112 before all Biology courses at the 2000 level or above. Unifying concepts of species and adaptations of species to change. The first semester is an overview of cell biology including cell structure, cell metabolism, cell reproduction, enzyme action, DNA, protein, and genetics. The laboratory emphasizes basic techniques and is an integral component of each semester. Courses include laboratory.

Required before any Biology courses at the 2000 level or above.

Natural Science and Mathematics.

Note: An AP Biology score of 4 or 5 may allow waiver of Biology 1112 but not of Biology 1111.

1111 (FR) Principles of Biology

This course is designed for science majors and focuses on the unifying concepts of species and adaptations of species to change, an overview of cell biology including cell structure, cell metabolism, cell reproduction, enzyme action, DNA, proteins, and genetics. The laboratory emphasizes basic techniques and is an integral component of the course.

Natural Science and Mathematics.

1112 Principles of Biology II

4 credits

This course is intended for prospective Biology majors and is required before all Biology courses at the 2000 level or above. Unifying concepts of species and adaptations of species to change. Adaptations at the organismic level are investigated in the second semester with emphasis on maintenance and control systems as they evolved for organisms to live in various habitats. The laboratory emphasizes basic techniques and is an integral component of each semester.

Prerequisites: Biology 1111, Mathematics 1001 or passing the arithmetic section of the mathematics proficiency test, Mathematics 1002 or passing the algebra portion of the mathematics proficiency test.

Natural Science and Mathematics.

1115 Human Heredity: A User's Guide

4 credits

Human genetics and evolution. Themes of the course include our own heredity, the technology of cytogenetics and genetic engineering that enables us to study and, in some cases, to manipulate genetic material, the genetic basis of evolutionary theory, and the assessment of such information that is reported to the public. Intended for non-science majors.

Prerequisite: Mathematics 1001 or passing the arithmetic portion of the math proficiency test.

Natural Science and Mathematics.

1116 Biodiversity

4 credits

A survey of the diversity of living organisms with an emphasis on conservation. Occasional field trips will be a required component of the course.

Intended for non-science majors.

Natural Science and Mathematics.

1118 Human Biology

4 credits

The biology of people, including study of human evolution, human ecology, anatomy, physiology, and genetics. These topics are studied with a view toward the appreciation of scientific and medical research affecting all our lives.

Intended for non-science majors.

Natural Science and Mathematics.

1121 Biology of Aging

4 credits

The physiological, genetic, nutritional and other biological aspects of the aging human body. Course will include the impact of disease, stress, and neurological and endocrinological change, as well as the research being done at the molecular, cellular, metabolic, and population levels to increase and promote the health of the aging population.

Intended for the Minor in Gerontology.

Natural Science and Mathematics.

1125 The Impact of Human Disease

4 credits

Study of historical and contemporary interactions between disease and the individual, society, economics, medicine, research, and ethics. Infectious disease, genetic disease, and cancer will be examined, as well as disease which results from both biological and environmental factors.

Intended for non-science majors.

Natural Science and Mathematics.

2201 Vertebrate Diversity

4 credits

A study of vertebrate structure with an emphasis on taxonomic diversity. Phylogenetic systematic approaches to vertebrate phylogeny will be explored. The laboratory will survey the vertebrates; trips to the field will be used to explore the local fauna.

Prerequisite: Biology 1112.

Biology major Group III course.

2203 Genetics

4 credits

A study of the concepts of classical and contemporary genetics. The action of genetic mechanisms at various levels of biological organization (molecular, cellular, organismal, and population) and in a variety of cells and organisms is included.

Prerequisite: Biology 1112.

Biology major Group I course.

2204 Botany

4 credits

Ecology and evolution of plants. The morphology, physiology and genetic systems of plants are studied as adaptational responses set by evolutionary history and environmental constraints.

Course includes laboratory.

Prerequisite: Biology 1112.

Biology major Group III course.

2205 Invertebrate Zoology

4 credits

Structural and functional adaptations of invertebrate animals studied in relation to their habitats and evolution.

Course includes laboratory.

Prerequisites: Biology 1112, Chemistry 1101 (co-requisite).

Biology major Group III course.

2206 Epidemiology*4 credits*

A study of the science of disease incidence, spread, prevention, and control in human populations. The course will examine descriptive and quantitative methods, public health surveillance methods, and outbreak analysis techniques. Centers for Disease Control (CDC) Morbidity and Mortality reports will be emphasized.

Prerequisite: Biology 1112.

Biology Major Group II course.

2209 Environmental Health*4 credits*

The ecotoxicological effects resulting from environmental changes initiated of human origin. Both human and ecosystem health are studied.

Prerequisite: Biology 1112; *Pre- or co-requisite,* Chemistry 1101.

Biology major Group IV course.

2211 Human Physiology*4 credits*

A study of the functions of the human organism: digestion, circulation, respiration, excretion, nervous control, endocrine regulation, and muscle action.

Course includes laboratory.

Intended for those majoring in Exercise Science and Physical Education.

Prerequisites: Biology 1111, Chemistry 1101 or 1121.

This course does not fulfill requirements of a Biology major.

2217 Ecology*4 credits*

A study of the interactions between organisms and their environment and among organisms of the same and other species. Emphasis is on organismal, population, community, and ecosystems ecology. Course includes laboratory.

Prerequisites: Biology 1112, Chemistry 1102.

Biology major Group IV course.

2218 Parasitology*4 credits*

Systematics, structures, and functions of major parasitic groups from protists through arthropods. Topics such as the cell biology and pathology of selected human parasites and

their medical treatment will also be included. Course includes laboratory.

Prerequisites: Biology 1112, Chemistry 1102.

Biology major Group III course.

2234 Marine Biology*4 credits*

A study of organisms inhabiting marine and estuarine environments including structural and functional adaptations to these ecological regions. Emphasis will be placed on ecological principles involving marine organisms. Course includes laboratory.

Prerequisite: Biology 1112.

Biology major Group IV course.

3301 Immunology*4 credits*

Principles of the immune system, including overview of cells and organs, experimental systems and techniques, generation of T and B cell responses, and immune effector mechanisms. The course will also include vaccines, autoimmune and immunodeficiency diseases, and responses to infection. Course includes laboratory.

Prerequisites: Biology 2203 or Biology 3310; Chemistry 1102.

Biology major Group I course.

3307 Microbiology*4 credits*

A study of structure, metabolism, growth, and reproduction of microorganisms with emphasis on bacteria. Course includes laboratory.

Prerequisites: Biology 1112, Chemistry 1102.

Biology major Group III course.

3309 Advanced Genetics – Human Molecular*4 credits*

A seminar course whose major focus is human genetics. The course extends the general principles learned in Biology 2203.

Prerequisites: Biology 2203, Chemistry 2217.

Biology major Group II course.

3310 Cell Biology*4 credits*

A study of the structure and internal processes of eukaryotic cells. Includes cell energetics, the working of internal compartments (e.g. endoplasmic reticulum and mitochondria), and membrane transport. The interface between

cells and their environment and factors allowing cooperative behavior of cells are also examined. Course includes laboratory.
Prerequisites: Biology 1112, Chemistry 1102. Biology major Group I course.

3311 Advanced Genetics - Molecular

4 credits

A seminar course whose major focus is molecular genetics. The course extends the general principles learned in Biology 2203.
Prerequisites: Biology 2203, Chemistry 2217. Biology major Group I course.

3315 Cell Biology of Model Organisms

4 credits

This course will focus on the cell biology of selected model organisms including yeast, nematodes, fruit flies and zebrafish. The course includes a laboratory which will focus on using these model organisms to investigate aspects of cell biology that are amenable to analysis in each species.

Prerequisite: Biology 3310.

Biology Group I course.

3316 Animal Physiology

4 credits

A study and analysis of functional processes in animals and the involvement of these processes in homeostatic regulation. Topics include osmotic and ionic regulation, excretion, respiration, circulation, muscles, nervous communication, and hormones. This course is designed for students majoring in biology. Course includes laboratory.

Prerequisites: Biology 1112, Chemistry 1102.

Biology major Group II course.

3321 Evolution

4 credits

The evidence, the mode, and the implications of organic evolution treated in such a manner as to emphasize the function of evolution as the greatest general unifying principle in biology. Special attention is paid to the many recent contributions of research to this field.

Prerequisite: Biology 2203.

Biology major Group IV course.

3323 Developmental Biology

4 credits

A study of morphogenesis, including structural and biochemical changes during development

and the mechanisms which control developmental processes. Control, patterns, and the mechanisms of the morphogenetic cell movements are considered in depth. Course includes laboratory.

Prerequisite: Biology 3310.

Biology major Group II course.

3324 Comparative Anatomy of

Vertebrates

4 credits

A study of vertebrate structure in relation to phylogeny, ontogeny, and function, emphasizing morphological adaptation for function. The laboratory investigation compares the detailed anatomy of a fish (shark), an amphibian (Necturus), and a mammal (cat). Course includes laboratory.

Prerequisites: Biology 1112, Mathematics 1001 or passing the arithmetic portion of the mathematics proficiency test, Mathematics 1002 or passing the algebra portion of the mathematics proficiency test.

Biology major Group II course.

3350 Bioethics

4 credits

A study of ethical issues in biology and medicine including health care policies, euthanasia, scientific fraud, and reproductive technologies. This course will explore these and similar issues and case studies and create a framework for ethical decision making based on philosophical principles.

Humanities. This course does not satisfy the Natural Science and Mathematics requirement or the requirements of the Biology major.

Cross-listed with Philosophy 3350.

3392 Internship in Gerontology

2 credits

Supervised field experiences in appropriate settings designed to assist students in acquiring and using skills and knowledge of the field of study unique to gerontology. Possible settings for internships include long-term care facilities, voluntary health organizations, professional associations, senior centers, churches, pastoral counseling centers, social service agencies for the aged, and research centers.

Cross-listed with Psychology 3392, Religion 3392, Social Work 3392, and Sociology 3392.

4492 Senior Poster Presentations*1 credit*

Poster presentations of laboratory or clinical findings on topics of current biological research interest. Credit requires participation in a series of workshops during the spring semester prior to graduation and culminates in the poster presentations in December or April. This course serves as the Capstone Experience for seniors in Biology, Biochemistry, or any other dual or student-designed major which includes Biology.

4494 Biochemistry Seminar*1 credit*

Presentation of laboratory or literature findings on current topics of biochemical interest to students, faculty, and visiting lecturers. This course is the Capstone Experience in biochemistry and is required of all senior biochemistry majors. Juniors and non-majors may be admitted by permission of the Biology and Chemistry Departments.

Prerequisites: Chemistry 3321, Biology 2203 and 3310.

Cross-listed with Chemistry 4494.

2265; 2266; 3365, 3366 Special Topics In Biology*4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396 Internship In Biology*0-4 credits*

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499 Independent Study In Biology*0-4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Business Administration

Professors Claycombe, Milstein, J. Olsh (Department Chair), Seidel, and Singer; Assistant Professor McIntyre; Senior Lecturer Carter; Lecturer McDonald.

Areas of particular teaching interest: Professor Claycombe: industrial organization, managerial economics; Professor Milstein: intermediate and advanced accounting; Professor Olsh: economic development, history of economic thought; Professor Seidel: money and banking; Professor Singer: auditing and taxation; Professor McIntyre: macroeconomics, international economics.

Students who major in this program, in addition to acquiring a broad liberal education prepare for careers in business and finance; for careers in government such as economic analysis, administration, and foreign service; and, by completing graduate study in a university, for professional careers in law, business, and economics. The College's business administration graduates are admitted to fine graduate schools in economics, business administration, and law. Others go directly to jobs in businesses such as banking, insurance, and manufacturing, while others secure positions in federal departments such as Labor, Commerce, FDIC, IRS, and State. A student may also prepare to teach social studies in public secondary schools (middle/high school).

Other Educational Options in Business Administration:

Because of the substantial number of Economics courses required by the major, many students complete either a dual or double major with Economics which combines the advantages of both theoretical and applied disciplines.

BASIC MAJOR (48 HRS)*Required:*

BUA 1101 Principles of Accounting I
BUA 1102 Principles of Accounting II
Four hours from Mathematics
STA 2215 Elementary Statistics for Social Science
STA 2216 Statistical Methods
ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

Four hours from among:

ECO 3304 International Economics

ECO 3319 Public Finance

ECO 3326 Economic Development

ECO 3327 Industrial Org. & Public Policy

ECO 4310 Capstone-Money & Financial
Markets (4310 must be taken at the College)

Four hours from among:

BUA 2201 Intermediate Accounting I

BUA 2209 Principles of Marketing

BUA 2213 Auditing

BUA 2215 Cost Acct: A Managerial
Emphasis

BUA 3324 Managerial Economics

BUA 4323 Capstone-Corporate Finance
(4323 must be taken at the College)

Four hours from among:

BUA 2205 Legal Environment of Business

BUA 2214 Principles of Management

BUA 3220 Psychology in the Workplace

BUA 3305 Public Administration

BUA 3325 Managing Sys in a Macro Envir

Four hours from among:

COM 1110 Public Speaking

ENG 2203 Intro to Journalism

ENG 2208 Advanced Composition

ENG 2212 Professional Communication

Suggested First Year Schedule:

BUA 1101 Principles of Accounting I

English Composition (based upon placement)

First-year Seminar

Mathematics (based upon placement) or BLAR

Physical Education

NOTE:

** Successful completion of the arithmetic portion of the College-administered Mathematics Proficiency Exam is required before you may register for any Accounting course or ECO 1101.*

** Successful completion of both the arithmetic and algebra portions of the College-administered Mathematics Proficiency Exam is required before you may register for any courses in Economics (except ECO 1101), Mathematics, or Statistics.*

DUAL MAJOR: BUSINESS ADMINISTRATION – ECONOMICS (56 HRS)

Our most popular option, stressing both liberal arts and business preparation.

BUA 1101 Principles of Acct I

BUA 1102 Principles of Acct II

Four hours from Mathematics

STA 2215 Elementary Statistics for Social
Science

STA 2216 Statistical Methods

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

ECO 4405 Capstone-History of Economic
Thought (4405 must be taken at the College)

Eight hours from among:

ECO 3304 International Economics

ECO 3319 Public Finance

ECO 3326 Economic Development

ECO 3327 Industrial Org. & Public Policy

ECO 4310 Capstone-Money & Financial
Markets (4310 must be taken at the
College)

Four hours from among:

BUA 2201 Intermediate Accounting I

BUA 2209 Principles of Marketing

BUA 2213 Auditing

BUA 2215 Cost Acct: A Managerial
Emphasis

BUA 3324 Managerial Economics

BUA 4323 Capstone-Corp Finance &
Financial Management (4323 must be
taken at the College)

Four hours from among:

BUA 2205 Legal Environment of Business

BUA 2214 Principles of Management

BUA 3220 Psychology in the Workplace

BUA 3305 Public Administration

BUA 3325 Managing Sys in a Macro Envir

Four hours from among:

COM 1110 Public Speaking

ENG 2203 Intro to Journalism

ENG 2208 Advanced Composition

ENG 2212 Professional Communication

Suggested First-Year Schedule:

BUA 1101 Principles of Accounting I

English Composition (based upon placement)

First-year Seminar

Mathematics (based upon placement) or BLAR

Physical Education

**DUAL MAJOR: BUSINESS
ADMINISTRATION – BUSINESS**

GERMAN (68 HRS)

BUA 1101 Principles of Acct I

BUA 1102 Principles of Acct II

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

STA 2215 Elementary Statistics for Social
Science

STA 2216 Statistical Methods

Four hours from among:

BUA 2201 Intermediate Accounting I

BUA 2209 Principles of Marketing

BUA 2213 Auditing

BUA 2215 Cost Acct: A Managerial
Emphasis

BUA 3324 Managerial Economics

BUA 4323 Capstone – Corporate Finance
(4323 must be taken at the College)

Four hours from among:

BUA 2205 Legal Environment of Business

BUA 2214 Principles of Management

BUA 3220 Psychology in the Workplace

BUA 3305 Public Administration

BUA 3325 Managing Sys in a Macro Envir

GER 1101 Elementary German

GER 1102 Elementary German

GER 2221 Principles of German for
Business

GER 3331 German for International
Business

GER 4410 Capstone – Advanced Studies in
German (4410 must be taken at the
College)

GER 1111 German Cinema or GER 1125
From the Holocaust to German
Unification or GER 1131 Culture of
German Speaking Countries

GER 2211 Intermediate German I: Lang.
& Culture or GER 2212 Intermediate
German II: Conv. & Comp.

GER 3301 Intro to the Study of German
Literature I or GER 3302 Intro to the
Study of German Lit II or GER 3320
German/English Translation

One semester spent studying abroad or one
year in German Suite on campus

Contact: Dr. Esa, Foreign Languages
Dr. J. Olsh, Economics

**MINOR: BUSINESS ADMINISTRATION
(24 HRS)**

BUA 1101 Principles of Acct I

BUA 1102 Principles of Acct II

One four-hour business elective at the 2000
level or above

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory or BUA
4323 Corporate Finance

STA 2215 Elementary Statistics for Social
Science

MINOR: ACCOUNTING (24 HRS)

BUA 1101 Principles of Acct I

BUA 1102 Principles of Acct II

BUA 2201 Intermediate Accounting I

BUA 2202 Intermediate Accounting II

Eight hours from among:

BUA 2205 Legal Environment of Business

BUA 2212 Tax Accounting

BUA 2213 Auditing

BUA 2215 Cost Acct: A Managerial
Emphasis

PRE-LAW PREPARATION

Students majoring in Business Administration
as a pre-law course of study are urged to
include electives from one or more of the fol-
lowing fields in their programs.

History

Political Science

English

Economics

CAVEAT

*In accordance with faculty regulations, the
department periodically gives standardized tests
in the last semester of the senior year to all stu-
dents majoring within the department. No
minimum score is required for graduation.*

**Business Administration Course Descriptions
(BUA)**

1101, 1102 Principles of Accounting

4, 4 credits

Fundamental principles of accounting with
emphasis on the preparation and interpretation
of financial statements. Attention is given to
the collection and reporting of pertinent infor-
mation for creditors, management, and
investors. The second semester includes the

preparation of data for internal management purposes; the collection, presentation, and interpretation of information for purposes of decision-making, cost control, and managerial planning.

Prerequisite: Mathematics 1001 or passing Arithmetic Proficiency Exam.

1151 Introduction to Business

4 credits

Introduction to Business is designed to provide first-year students with an overview of business in today's world. Topics which will be covered include: American business, international business, ethical and social responsibilities, operations, managing human resources, marketing, finance, accounting, and computers and information technology. Introduction to Business provides a foundation from which students may further explore the world of business and economics.

2201, 2202 Intermediate Accounting

4, 4 credits

A comprehensive treatment of accounting theory and practice emphasizing accounting principles, techniques, and procedures of evaluation, problem solving, and report preparation.

Prerequisites: Business Administration 1101, 1102.

Offered in 2002-2003 and alternate years.

2205 The Legal Environment of Business

4 credits

The nature of the court system, constitutional law, and legislation. Topics covered include law by judicial decision, law by administrative agencies, and the regulation of business and taxation. Special attention is given to antitrust law and the law of employment and labor relations.

2209 Principles of Marketing

4 credits

An introduction to the marketing function. The focus is primarily on "for profit" firms and their approaches to the marketing discipline. The course tests the student's mastery of fundamental marketing concepts, principles, and definitions. Several case studies supplement the required texts and lecture contents.

2210 Ethics and Business

4 credits

A consideration of some of the major ethical

issues in business: the profit motive and the public good, social responsibility of corporations, environmental concerns, consumer and employee relations, the role of the state, advertising practices, conflict of interest and of obligation, and hiring practices. Humanities.

Cross-listed with Philosophy 2210.

Offered as needed.

2212 Tax Accounting

4 credits

Theoretical and practical analysis of federal taxation under the current Internal Revenue Code as it relates to individuals, corporations, and partnerships. Includes preparation of federal tax forms.

Prerequisite: Business Administration 1102.

Offered in 2002-2003 and alternate years.

2213 Auditing

4 credits

A basic study of the standards and procedures followed in the audit of financial statements.

Prerequisites: Business Administration 1101, 1102.

Offered in 2001-2002 and alternate years.

2214 Principles of Management

4 credits

An introduction to the management function, focusing on the theory and fundamental concepts of management including planning, organization, leadership, and control. The class reviews the evolution of management thought, function, and practice and stresses current approaches and emerging concepts. Several case studies and a research project supplement the required text and lecture contents.

2215 Cost Accounting: A Managerial Emphasis

4 credits

The role of accounting information in management decision-making. Particular emphasis is placed on internal planning and control regarding such topics as manufacturing costs under job order, process, and standard cost accounting systems, variance analysis, budgeting, direct and absorption costing, and tax planning.

Prerequisite: Business Administration 1102.

Offered in 2001-2002 and alternate years.

3220 Psychology in the Workplace

4 credits

An exploration of the principles of psychology as they are relevant to the work environment. Included will be a discussion of how psychologists can help improve the workplace and address organizational concerns. Topics include selection, training, personnel evaluation, and the characteristics of a variety of work environments. Discussions will also consider how these practices may affect organizational or individual effectiveness and attitudes.

Prerequisite: Psychology 1106.

Cross-listed with Psychology 3220.

3301 Advanced Accounting

4 credits

A study of advanced topics in accounting, including partnerships, business combinations, consolidated financial statements, foreign currency transactions and translation, branches, governmental accounting, and nonprofit accounting.

Prerequisites: Business Administration 2201, 2202.

Offered in 2001-2002 and alternate years.

3305 Public Administration

4 credits

An examination of the nature and development of public administration in the United States with attention to policies of organization, management, personnel, budgeting, forms of administrative responsibility, and governmental services.

Social Science.

Cross-listed with Political Science 3305.

3324 Managerial Economics

4 credits

The application of economic theory and quantitative methods to solve business problems. Emphasis is on analysis of demand, cost, and profit under conditions of imperfect information and uncertainty. Business pricing strategies receive special attention.

Prerequisite: Economics 2201 or permission of the instructor.

Cross-listed with Economics 3324.

Offered in 2002-2003 and in alternate years.

3325 Managing Systems in a Macro Environment

4 credits

The integration of concepts from human service organizations, culture, groups, and thinking styles with contemporary human relations issues in the American workplace. Ethnicity, changing societal norms, gender, and employee assistance programs are emphasized. Students work in small groups and do analytical study with private and public work organizations. Students will be involved in field experiences with community organizations.

Prerequisite: Sociology 1103.

Social Science.

Cross-listed with Social Work 3325 and Sociology 3325.

4323 Corporate Finance and Financial Management (Capstone)

4 credits

The management of business funds, with emphasis on the techniques of financial analysis, the financial environment in which firms operate, the sources and forms of external financing, and the allocation of funds to competing alternatives such as plant and equipment, working capital, and financial investment.

Prerequisites: Business Administration 1101, Statistics 2215 or permission of the instructor.

4490 Senior Thesis

1-4 credits

Directed individual research and writing. Open only to business administration majors. Honors students are normally expected to register for 3-4 semester hours.

4491; 4492 Economics and Business Administration Colloquium

1, 1 credit

Readings and group discussions. Significant works in economics and business administration are read and analyzed.

This course is open to all senior business administration majors.

Prerequisite: Economics 2201, or permission of the instructor.

Cross-listed with Economics 4491; 4492.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in Business Administration

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interest and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internships in Business Administration

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in Business Administration

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Chemistry

Professors Herlocker and R. Smith (Department Chair); Associate Professor Wladkowski; Adjunct Lecturers E. Brown and M. Smith.

Areas of particular teaching interest:

Professor Herlocker: preparation and properties of transition metal complexes; Professor R. Smith: computational and experimental studies in the mechanism of action of anti-AIDS and cancer chemotherapeutic agents; Professor Wladkowski: computational studies of enzyme reaction mechanisms; Dr. Brown: molecular dynamics and kinetics of chemical reactions; Dr. M. Smith: application of computational methods to drug design.

The offerings in chemistry are intended to provide the essential background for students electing a major in the subject to qualify for graduate study, government and industrial work, and secondary education. When the offerings are combined with the appropriate courses in biology, students would be qualified

for admission to medical, dental, veterinary, and optometry programs, as well as graduate programs in medicinal chemistry, clinical chemistry, biochemistry, environmental studies, pharmacy, pharmacology, and related fields. The program in chemistry meets the undergraduate professional standards of and is certified by the American Chemical Society.

The department counsels each of its students carefully in order to insure that each takes the courses which will best meet expected career goals. Opportunities exist for internships, research, and/or employment to give students practical experience in chemistry and allied fields. Extensive use is made of off-campus internships and on-campus summer research assistantships to give students practical experience in their chosen profession.

The department encourages students to combine courses in chemistry with those in other departments – such as biology, mathematics, physics, economics, exercise science and physical education, and political science – to develop programs which will provide broad awareness consistent with the College's liberal arts philosophy.

Other Educational Options in Chemistry:

American Chemical Society Certified Chemistry Major; Biochemistry dual major; Exercise Chemistry (EPE-Chemistry dual major); Pre-Professional Curriculum for the Health Sciences; Industry; Teacher Certification Secondary (middle/high school).

The basic major and the additional options suggested offer a chemistry major of sufficient flexibility to pursue further training in graduate or health professional studies or to begin a career directly with employment in industry, government, teaching, or a variety of other fields. The curriculum has been approved by the American Chemical Society as one containing sufficient breadth and depth to enable students to pursue any of these goals.

BASIC MAJOR (50 HRS)

CHE 1101 Intro Chem I: Structure & Bonding
CHE 1102 Intro Chem II: Chemical Reactivity
CHE 2201 Electr Lit Search – Chem Sci (1 hr)
CHE 2202 Chemistry of the Elements
CHE 2217 Organic Chemistry I
CHE 2218 Organic Chemistry II

CHE 2219 Quantitative Analysis
 CHE 3307 Physical Chemistry I
 CHE 3308 Physical Chemistry II
 CHE 4492 Chemistry Seminar (1 hr) Capstone Experience
 MAT 1117 Calculus I
 MAT 1118 Calculus II (or equivalent)
 PHY 1101 General Physics I
 PHY 1102 General Physics II

Suggested First-Year Schedule:

CHE 1101 Intro Chem I: Structure & Bonding
 CHE 1102 Intro Chem II: Chemical Reactivity
 MAT 1117 Calculus I
 MAT 1118 Calculus II
 English Composition or Foreign Language
 First-year Seminar; BLAR

AMERICAN CHEMICAL SOCIETY (ACS) CERTIFIED MAJOR (66 HRS)

Basic Major in Chemistry
 CHE 3321 Biochemistry
 CHE 4406 Advanced Analytical Chemistry
 CHE 4415 Inorganic Chemistry
 One additional course in advanced Chemistry, a four-hour research project, or an approved course in Biology, Mathematics, or Physics.

CHEMISTRY – PRE-PROFESSIONAL (MEDICAL, DENTAL, VETERINARY, ETC.) (58 HRS)

Required:

Basic Major in Chemistry
 BIO 1111 Principles of Biology I
 BIO 1112 Principles of Biology II

Recommended:

BIO 2203 Genetics
 BIO 3310 Cell Biology
 BIO 3316 Animal Physiology
 BIO 3324 Comparative Anatomy of Vertebrates
 CHE 3321 Biochemistry I
 CHE 3322 Biochemistry II
 ENG 2212 Professional Communication
 PSY 1106 Contemporary Psychology

CHEMISTRY WITH SECONDARY (7-12) TEACHER CERTIFICATION (88 HRS)

Course requirements for the education minor are subject to changes reflecting State of

Maryland certification regulations. See Education Minor for more information.
 Basic Major in Chemistry
 PSY 1106 Contemporary Psychology
 PSY 3306 Adolescent Devel & Behavior
 EDU 1111 Learning in a Diverse Society or
 EDU 1141 Teaching & Learning in a Diverse Society
 EDU 2240 Planning & Evaluating Instruction
 Provide Certifying Scores on Praxis I
 EDU 3350 Methodology in Science
 EDU 4417 Reading in the Content Area I
 Semester in Education:
 EDU 4418 Reading in the Content Area II (2 hr)
 EDU 4432 Secondary Student Teaching (middle) (6 hr)
 EDU 4434 Secondary Student Teaching (high) (6 hr)
 Provide Certifying Scores on Praxis II

NOTE: Many students complete the semester in education after graduation, reducing the pre-graduation requirements to 74 hours.

MINOR IN CHEMISTRY (24 HRS)

CHE 1101 Intro Chem I: Structure & Bonding
 CHE 1102 Intro Chem II: Chemical Reactivity
 CHE 2217 Organic Chemistry I
 CHE 2218 Organic Chemistry II
 Four hours from among:
 CHE 2210 Physical Chem for the Life Sciences
 CHE/PHY 3308 Physical Chemistry II
 Four hours from among:
 One additional four-hour course in Chemistry
 BIO 3311 Advanced Genetics – Molecular
 PHY 4402 Intro. Quantum Mechanics

DUAL MAJOR: CHEMISTRY – BIOLOGY (BIOCHEMISTRY) (65 HRS)

This dual major is intended to serve the needs and interests of students who wish to concentrate their studies in the fields of biochemistry and/or molecular biology. The program is designed to be flexible, allowing you to emphasize biology or chemistry to greater degrees depending on your interests. You will be considered to be a major in both departments, and you should have an adviser in both departments.

Required:

CHE 1101 Intro Chem I: Structure & Bonding
CHE 1102 Intro Chem II: Chemical Reactivity
CHE 2210 Physical Chem for the Life Sciences
or CHE 3308 Physical Chemistry II
CHE 2217 Organic Chemistry I
CHE 2218 Organic Chemistry II
CHE 3321 Biochemistry I
CHE 3322 Biochemistry II
BIO 1111 Principles of Biology I
BIO 1112 Principles of Biology II
BIO 2203 Genetics
BIO 3310 Cell Biology
BIO 3309 Advanced Genetics – Human or
BIO 3311 Advanced Genetics – Molecular
MAT 1117 Calculus I
One additional four-hour course from Biology
(must include a lab)
Two additional four-hour courses from
Chemistry and/or Biology
BIO/CHE 4494 Biochemistry Seminar (1 hr)
(Capstone Experience)

*Recommended for Graduate School in
Biochemistry*

CHE 2201 Electr Lit Search – Chem Sci (1 hr)
CHE 2219 Quantitative Analysis and/or CHE
3307 Physical Chemistry I
MAT 1118 Calculus II
PHY 1101 General Physics I
PHY 1102 General Physics II

*Required Additional Courses for Pre-Medical,
Pre-Dental:*

PHY 1101 General Physics I
PHY 1102 General Physics II

Suggested First-Year Schedule:

CHE 1101 Intro Chem I: Structure & Bonding
CHE 1102 Intro Chem II: Chemical Reactivity
BIO 1111 Principles of Biology I
BIO 1112 Principles of Biology II
Mathematics, according to placement
English Composition, according to placement
Basic Liberal Arts Requirements

*Contacts: Dr. M. Smith, Chemistry
Drs. Brown or Paquin, Biology*

*DUAL MAJOR: CHEMISTRY –
EXERCISE SCIENCE (EXERCISE
CHEMISTRY) (50 HRS)*

This dual major is intended to serve the needs and interests of students who wish to concentrate their studies in the field of exercise science. When you finish this major, you will be well prepared for further study in Biomechanics, Physiology, or the health professions. You should have an adviser in both the Chemistry and Exercise Science and Physical Education departments.

Required:

CHE 1101 Intro Chem I: Structure & Bonding
CHE 1102 Intro Chem II: Chemical Reactivity
CHE 2201 Electr Lit Search - Chem Sci (1 hr)
CHE 2217 Organic Chemistry I
CHE 2218 Organic Chemistry II
CHE 3321 Biochemistry I
CHE 4492 Chemistry Seminar (1 hr)
(Capstone Experience)
BIO 1111 Principles of Biology I
BIO 2211 Human Physiology or BIO 3316
Animal Physiology
EPE 2230 Biomechanics & Applied Anatomy
EPE 3222 Physiology of Exercise
EPE 3325 Nutrition
MAT 1117 Calculus I
PHY 1101 General Physics I

Recommended:

BIO 1112 Principles of Biology II
BIO 3324 Comparative Anatomy of
Invertebrates
CHE 2210 Physical Chem for the Life Sciences
or CHE 3308 Physical Chemistry II
CHE 3322 Biochemistry II
MAT 1118 Calculus II
PHY 1102 General Physics II

*Contacts: Dr. Herlocker, Chemistry
Dr. Ober, Exercise Science & Phys. Ed.*

*HONORS IN CHEMISTRY (BIOCHEM-
ISTRY, EXERCISE CHEMISTRY)*

Honors in Chemistry (Biochemistry, Exercise Chemistry) will be awarded to graduating seniors who have earned at least a 3.40 grade point average in all courses required for the particular major, who have performed an independent laboratory research project (including

a written paper and an oral presentation concerning the project), and who are recommended by the department(s). (Chemistry and Biology for Biochemistry; Chemistry and Exercise Science and Physical Education for Exercise Chemistry)

Chemistry Course Descriptions (CHE)

1101 Introductory Chemistry I: Structure and Bonding

4 credits

The first half of the two-semester, introductory chemistry course designed primarily for science majors. The course includes an overview of the macroscopic behavior of matter including the physical properties of solids, liquids and gases. An explanation for these macroscopic observations is then sought in a study of the structure of matter at the atomic level. This encompasses an introduction to atomic theory and the quantum mechanical view of atomic structure, explanations of ionic and covalent bond formation including valence bond theory and molecular orbital theory, the use of valence shell electron pair repulsion theory to explain molecular shape, the interaction between molecules via intermolecular attractive forces, and kinetic molecular theory. The laboratory focuses on the observation of physical properties of matter by conventional and instrumental methods, and the application of these observations to identify and characterize different kinds of matter in a problem solving environment.

Prerequisites: Mathematics 1001 or passing of the arithmetic portion of the mathematics proficiency test, Mathematics 1002 or passing of the algebra portion of the mathematics proficiency test.

Natural Science and Mathematics.

1102 Introductory Chemistry II: Chemical Reactivity

4 credits

The second half of the two-semester introductory chemistry course designed primarily for science majors. The course includes an overview of the study of chemical reactions including the major classes of reactions, writing and balancing chemical equations, reaction stoichiometry, and a detailed study of oxidation-

reduction reactions, acid-base reactions, and ion-exchange reactions. In addition, factors governing the rate and extent of reaction are explored in an introduction to chemical kinetics, the principles of equilibrium, and chemical thermodynamics. In the laboratory, students explore and discover principles of stoichiometry, kinetics, and equilibrium, using conventional and instrumental techniques. They then apply these principles in a problem-solving environment.

Prerequisite: Chemistry 1101.

1121 Essentials of General, Organic, and Biochemistry

4 credits

A study of the fundamental laws of chemistry, including atomic structure, chemical periodicity, reaction kinetics, equilibria, redox reactions, pH, and an introduction to organic and biochemistry covering nomenclature, reactions, and the major classes of biomolecules (carbohydrates, proteins, lipids, and nucleic acids). Course includes laboratory.

Prerequisites: Mathematics 1001 or passing of the arithmetic portion of the mathematics proficiency test, Mathematics 1002 or passing of the algebra portion of the mathematics proficiency test.

Natural Science and Mathematics.

2201 Electronic Literature Searching for the Chemical Sciences

1 credit

An introduction to searching the scientific literature using electronic databases (STN International). Specific instruction is given in the techniques and strategies used in searching retrospective, forward and relational databases by electronic means.

This course does not satisfy the Natural Science and Mathematics requirement.

2202 Chemistry of the Elements

4 credits

A study of the synthesis, distribution, and chemistry of the elements. Emphasis is on the properties of important metallic and non-metallic compounds, their laboratory and industrial preparations, and their important reactions.

Prerequisite: Chemistry 1102.

Offered in 2001-2002 and alternate years.

2210 Physical Chemistry for the Life Sciences

4 credits

An introduction to the elements of thermodynamics, chemical dynamics, and quantum mechanics of life processes.

Prerequisites: Chemistry 1102, Mathematics 1117.

2217, 2218 Organic Chemistry I, II

4, 4 credits

A systematic study of the compounds of carbon based upon functional reactivity with emphasis on the physicochemical approach to reaction mechanisms. A coordinated laboratory incorporates classical techniques (recrystallization, distillation, and extraction), analytical methods (chromatography and spectroscopy), and molecular modelling. Qualitative analysis of organic compounds comprises half of the second-semester laboratory.

Courses include laboratory.

Prerequisite: Chemistry 1102.

2219 Quantitative Analysis

4 credits

Theory and application of analytical methods including chemical equilibria, volumetric methods, electrochemical methods, and gravimetric methods with a particular emphasis on quantitative analysis and the statistical treatment of data. Course includes laboratory.

Prerequisite: Chemistry 1102.

3307 Physical Chemistry I: Quantum Chemistry and Spectroscopy

4 credits

A study of the principles of quantum mechanics and its application to problems of chemical interest including atomic and molecular structure, molecular motion, chemical bonding, molecular orbital theory, and atomic and molecular spectroscopy. Course includes laboratory.

Prerequisites: Chemistry 1102, Physics 1102, and Mathematics 1118.

3308 Physical Chemistry II: Thermodynamics and Equilibria

4 credits

A study of the laws of thermodynamics and their application to chemical and physical equilibria and the macroscopic properties of matter. Course includes laboratory.

Prerequisites: Chemistry 1102, Physics 1102, Mathematics 1118; Chemistry 2219 is strongly recommended.

Cross-listed with Physics 3308.

3321 Biochemistry I

4 credits

An in-depth study of the structure and function of biological macromolecules, including techniques used for their isolation and characterization. This course provides an exploration of enzyme kinetics, mechanisms, and regulation and an investigation of major catabolic pathways including principles of bioenergetics and membrane function. The laboratory includes aspects of protein purification, enzyme kinetics, electrophoresis and blotting techniques, metabolic studies, and an introduction to the computerized molecular modeling of macromolecules. Course includes laboratory.

Prerequisites: Chemistry 2218; Biology 1111, 1112, and Chemistry 2201 are strongly recommended.

3322 Biochemistry II

4 credits

The study of metabolism, including major anabolic pathways. This is then followed by advanced topics in biochemistry, including the history of biochemistry and various aspects of receptor function. Membrane receptor structure, the analysis of receptor-ligand interactions, and the enzymology of signal transduction are included. Emphasis will be placed on use of the original scientific literature. Includes two-hour laboratory on the use of computer technology in bioinformatics.

Prerequisite: Chemistry 3321.

3326 Advanced Organic Chemistry

4 credits

A study of physical organic chemistry (kinetics and linear free-energy relationships) and topics selected from ^{13}C and multidimensional NMR, molecular rearrangements, photochemistry, and heterocyclic compounds, with emphasis on the content and use of current literature. Molecular modeling will be used to answer chemical questions.

Prerequisites: Chemistry 2201, 2218.

Offered in 2001-2002 and alternate years.

4406 Advanced Analytical Chemistry*4 credits*

Theory and practice in obtaining chemical data with instruments, with emphasis on the quantitative aspects. Studies include electrochemical techniques such as polarography, stripping analysis, amperometry, advanced chromatographic techniques, NMR, Mass Spectrometry, X-ray, Laser usage, and laboratory computer applications. Course includes laboratory.

Prerequisites: Chemistry 2219, 3307. *Pre- or co-requisite,* Chemistry 3308.

Offered 2002-2003 and alternate years.

4415 Inorganic Chemistry*4 credits*

A survey of topics which comprise the broad area of inorganic chemistry. The topics studied will include atomic and molecular structure, solid state behavior, elements of symmetry, acid-base theory, non-aqueous solvents, and structures and properties of transition metal and organometallic compounds.

Course includes laboratory.

Prerequisites: Chemistry 2218, 3307.

Offered in 2002-2003 and alternate years.

4492 Chemistry Seminar*1 credit*

Presentation of laboratory or literature findings on current topics of chemical interest by students, faculty, and visiting lecturers. This course is the Capstone Experience in chemistry and is required of all senior chemistry majors and exercise chemistry dual majors. Juniors and non-majors may be admitted by permission of the department.

Prerequisite: Chemistry 2201.

4494 Biochemistry Seminar*1 credit*

Presentation of laboratory or literature findings on current topics of biochemical interest to students, faculty, and visiting lecturers. This course is the Capstone Experience in biochemistry and is required of all senior biochemistry majors. Juniors and non-majors may be admitted by permission of the Biology and Chemistry Departments.

Prerequisites: Chemistry 3321, Biology 2203, Biology 3310.

Cross-listed with Biology 4494.

2265; 2266; 3365; 3366; 4465; 4466**Special Topics in Chemistry***4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496**Internships in Chemistry***0-4 credits*

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499**Independent Studies in Chemistry***0-4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Classical Civilizations

Associate Professor D. Evergates.

Areas of particular teaching interest:

Professor Evergates: Greek and Roman history, literature, archaeology.

No major is offered in this field. A minor in Classical Civilizations is available through the Department of History. See the History section for required courses.

Communication

Professor Sapora; Associate Professors Lemieux (Department Chair) and Meyer; Instructors Kirschner and Prell; Adjunct Lecturers Slade, Flaherty, and Pilachowski.

Areas of particular teaching interest:

Professor Sapora: linguistics, film history and criticism; Professor Kirschner: cultural studies, popular culture, qualitative research methods; Professor Lemieux: interpersonal communication, health communication, quantitative research methods; Professor Meyer: gender, language and discourse, intercultural; Professor

Prell: Computer-mediated-communication (CMC), social construction of technology, democracy and CMC, new media.

The discipline of Communication attempts to explain how messages arise from change, enable choice, and bind communicators together in relationships. The communication paradigm provides explanations for a wide range of social phenomena evident in mediated and interpersonal events.

The faculty's objective is to graduate seniors who are well trained in thought and argument, who can view problems from many points of view and negotiate common solutions, who can express themselves clearly and with conviction in writing and in speech, and who have spent time contemplating the nature of communication—in short, graduates who understand what communication is and who can themselves communicate well.

Other Educational Options in Communication:

Minors in Communication, Film and Video Studies, Information Systems; dual majors in Art and Communication, English and Communication, Theatre Arts and Communication.

All courses are four credits unless otherwise noted.

BASIC MAJOR (44 HRS)

COM 1102 Interpersonal Communication

COM 1103 Mass Communication

COM 2203 Quantitative Research Methods
(2 cr.)

COM 2204 Qualitative Research Methods
(2 cr.)

STA 2215 Elementary Statistics for Social
Science

COM 4594 Senior Seminar

Three additional four-credit courses in

Communication at the 3000 level or above.
Internships do not apply.

Three courses chosen from:

COM 1110 Public Speaking

COM 2265 Television Production

CSC 1106 Fundamentals of Computing I

ENG 2204 Journalism II

ENG 2206 Creative Writing – Poetry or

ENG 2207 Creative Writing – Fiction

ENG 2208 Advanced Composition

ENG 2212 Professional Communication

STA 2216 Statistical Methods

THE 1113 Acting

THE 3328 Playwriting

Four additional four-credit courses in

Communication at the 3000 level or above,
including at least one Capstone course
(senior seminar). Internships do not apply.

MINOR IN COMMUNICATION

(24 HRS)

COM 1102 Interpersonal Communication

COM 1103 Mass Communication

COM 1110 Public Speaking

COM 2203 Quantitative Research Methods
(2 cr.)

COM 2204 Qualitative Research Methods
(2 cr.)

STA 2215 Elem. Statistics for Social Science

One additional four-credit course in

Communication at the 3000 level or above.
Internships do not apply.

MINOR IN FILM AND VIDEO STUDIES

(24 HRS)

COM 1131 Basic Film and Videotape
Production

COM 3330 Film Analysis

Plus two courses from:

COM 3332 Television Analysis and Criticism

COM 3333 Fiction into Film

COM 3334 Semiotics of Photography
and Film

Plus two courses from:

COM 3337 Scriptwriting

THE 1111 Stagecraft

THE 1113 Acting

THE 3320 Directing

THE 3328 Playwriting

Contact: Dr. Sapora, Communication

MINOR IN INFORMATION SYSTEMS

(30 HRS)

Required Courses:

COM 1102 Interpersonal Communication

COM 1103 Mass Communication

COM 2203 Quantitative Research Methods
(2 cr.)

COM 2204 Qualitative Research Methods
(2 cr.)

COM 2291 Sophomore Systems Problem (1 hr.)
 COM 3371 General Systems Theory
 COM 3391 Junior Systems Problems (1 hr.)
 STA 2215 Elementary Statistics for Social Science
 One course from:
 COM 3323 The Age of Information
 COM 3372 Information Theory
 COM 4594 Senior Seminar
 One course from:
 BUA 1101 Principles of Accounting I
 CSC 1106 Fundamentals of Computing I
 STA 2216 Statistical Methods

Contact: Christina Prell, Communication

DUAL MAJOR COMMUNICATION – ART (60 HRS)

Required Courses:

COM 1102 Interpersonal Communication
 COM 1103 Mass Communication
 COM 1110 Public Speaking
 COM 2203 Quantitative Research Methods (2 cr.)
 COM 2204 Qualitative Research Methods (2 cr.)
 STA 2215 Elementary Statistics for Social Science
 Two additional four-credit courses in Communication at the 3000 level or above. Internships do not apply.
 At least one Capstone course in either Art or Communication
 ART 1101 Drawing I
 ART 1117 Design
 ART 2206 Computer Graphics
 ART 2215 Photography
 ART 2216 Graphic Design I
 ART 3306 Printmaking
 AHY 2240 Twentieth-Century Art

*Contacts: Dr. Lemieux, Communication
 Prof. Bloom, Art*

DUAL MAJOR: COMMUNICATION – ENGLISH (60 HRS)

Required Courses:

COM 1102 Interpersonal Communication
 COM 1103 Mass Communication
 COM 1110 Public Speaking

COM 2203 Quantitative Research Methods (2 cr.)
 COM 2204 Qualitative Research Methods (2 cr.)
 STA 2215 Elem. Statistics for Social Science
 Three additional four-credit courses in communication at the 3000 level or above, exclusive of any internships, including at least one Capstone (senior seminar) course in English or Communication. Internships do not apply.
 One course from:
 ENG 2230 Beowulf to Mallory
 ENG 2231 Renaissance Literature
 One course from:
 ENG 2232 Enlightenment Literature
 ENG 2233 Romantics
 One course from:
 ENG 2234 Victorian Literature
 ENG 2270 20th Century British Literature
 Two courses from:
 ENG 2241 Am Lit: Colonial & Romantic
 ENG 2242 Am Lit: Realism & Naturalism
 ENG 2243 Am Lit: Modern & Contemporary
 One course from:
 ENG/THE 3350 Shakespeare
 ENG 3360 Chaucer
 ENG 3363 Major Figures & Groups I (British)
 ENG 3364 Major Figures & Groups II (American)
 One course from:
 ENG 2250 Post Colonial Literature
 ENG 2251 Literature by Women
 ENG 2252 Popular Literature
 ENG 2253 Southern Literature
 ENG 2254 Nature Writing
 ENG 2255 The Short Story Cycle
 ENG 2256 Twentieth-Century American Poetry
 ENG 2258 African-American Literature
 ENG 2260 Horror Fiction
 ENG 2271 Contemporary British Literature
 CLT 2219/20 Great Works-West World I & II

*Contacts: Dr. Meyer, Communication
 Dr. Panek, English*

DUAL MAJOR: COMMUNICATION – THEATRE ARTS (62 HRS)

Required Courses:

- COM 1102 Interpersonal Communication
- COM 1103 Mass Communication
- COM 1110 Public Speaking
- COM 2203 Quantitative Research Methods
(2 cr.)
- COM 2204 Qualitative Research Methods
(2 cr.)
- STA 2215 Elem. Statistics for Social Science
- Three additional four-credit courses in
Communication at the 3000 level or above,
including one Capstone (senior seminar).
- Internships do not apply.
- THE 1111 Stagecraft
- THE 3392 Capstone – Drama Workshop

One course from:

- THE 1113 Acting
- THE 1151 Acting: Creative Process

Two courses from:

- THE/CLT 2225 Theatre of the Western
World I
- THE/CLT 2226 Theatre of the Western
World II
- THE/CLT 2227 Contemporary Theatre
- THE/CCS 2230 Performance & Culture
- THE 2284 Modern American Drama

Two courses from:

- THE 2241 Costume & Makeup Design
- THE 2242 Lighting Design
- THE 2243 Set Design
- THE 2244 Theatre Management
- THE 2245 Voice & Movement for the
Actor
- THE 2246 Scene Study
- THE 2247 Acting Styles
- THE 3320 Directing
- THE 3328 Playwriting

One course from (2 hrs):

- THE 3330 Performance Lab
- THE 3332 Production Lab
- THE 3334 Management Lab
- THE 3336 Directing Lab
- THE 3338 Dramatology Lab
- THE 3340 Playwriting Lab

*Contacts: Dr. Meyer, Communication
Dr. R. Miller, Theatre*

GRADUATE STUDIES IN COMMUNICATION

Listed below are four areas of concentration that are widely recognized within the Communication field and are reflective of the expertise of the Department's faculty. The Department suggests that students support their general Communication studies by focusing on one or more of the specific concentrations. The courses noted under each concentration are from other departments within the College and are offered as *suggestions*. We urge students to discuss their interest in graduate school with their advisers as early as possible.

Cultural Studies

These courses are recommended for students interested in mass media and politics, youth and popular culture, and critical social theory.

COM 3332 Television Criticism and Analysis

COM 3354 Social Power, Discourse and

Cultural Analysis

COM 3355 Critical Theory and Popular Culture

COM 3366 Politics of Youth

Linguistics

These courses are recommended for students who are interested in focusing primarily on language and nonverbal aspects of human communication in an interpersonal setting.

ASL 2225 American Sign Language I

COM 3314 Language and Discourse

COM 3351 Gender and Communication

COM 3366 Intercultural Communication

Health Communication

Recommended for students interested in careers in the health industry. The courses focus on health and the individual, public health policy, mediated health, persuasive health campaigns, and health organizations.

BIO 1121 Biology of Aging

EPE 1185 Contemporary Health Issues

PSY 3305 Health Psychology

COM 3381 Health Communication

Internship in the public relations office of a health organization (e.g., hospital, American Cancer Society, etc.).

Organizational Communication

These courses focus on the relationship between communication and the business

world including issues such as structure and communication within organizations, how organizations communicate to their environment, the relationship between the individual and work, and methods of organizational analysis.

BUS 2209 Principles of Marketing
 ENG 2212 Professional Communication
 PSY 2220 Psychology in the Workplace
 COM 3326 Organizational Communication

Communication Course Descriptions (COM)

1102 (FR) Interpersonal Communication

4 credits

A broad historical and theoretical introduction to the study of human communication in the context of face-to-face and small group interaction. Homework and classroom participation put a strong emphasis on writing and speaking.

1103 (FR) Mass Communication

4 credits

A broad historical and theoretical introduction to the study of human communication in the context of organizations and audiences. Homework and classroom participation put a strong emphasis on writing and speaking.

1110 Public Speaking

4 credits

The practical application of basic principles and techniques of public speaking. This is an introductory course designed to prepare students to meet a variety of public oral communication situations.

1131 Basic Film and Videotape Production

4 credits

An introduction to the design and production of film and videotape with major emphasis on scriptwriting, shooting on location, editing, and overall production planning. The course includes extensive laboratory and field work.

1149 Filmmaking Apprenticeship: Introductory Project

1 credit

The first step in the filmmaker's mentorship. Students will introduce fellow filmmakers to their favorite, life-forming films and begin to cultivate a filmmaker's journal. Also, students will assist advanced students, in the capacity of

production assistants, with their upper-level film projects.

Prerequisite: permission of instructor.

2203 Communicative Research Methods: Quantitative

2 credits

The purposes and methods of formal research in the study of human communication. The main focus of this course is the communication research process from a quantitative perspective. *Prerequisites: Communication 1102, 1103, and Statistics 2215. Must be taken in conjunction with Communication 2204.*

2204 Communication Research Methods: Qualitative

2 credits

The purposes and methods of formal research in the study of human communication. The main focus of this course is the communication research process from a qualitative perspective. *Prerequisites: Communication 1102, 1103, and Statistics 2215. Must be taken in conjunction with Communication 2203.*

2249 Filmmaking Apprenticeship: Production Design

1 credit

A continuation of the filmmaker's mentorship. Students will research, design, script, budget, and propose a film project for Communication 3349 First Production. Students continue to assist upper-level filmmakers with their productions. *Prerequisite: Communication 1149.*

2265 Television Production

4 credits

This course focuses on the pre-production, production, and post-production aspects of television. Specific emphasis is on lighting, filming, editing, and writing. Students are included in the creation of a weekly television show. *Prerequisite: permission of instructor.*

2291 Sophomore Systems Problem

1 credit

The systems analysis mentorship. Under the direction of the instructor, students conduct a project that introduces them to the problem-solving frameworks of systems analysis. The normal output of the project is a written feasibility report.

Prerequisite: permission of instructor.

3306 Approaches to the Study of Language

4 credits

An introduction to the principles and methods of linguistics. This course surveys the history of the linguistic enterprise (including the application of linguistic findings to teaching in the schools) and provides a linguistic analysis of the history of the English language.

Humanities.

Cross-listed with English 3306.

3314 Language and Discourse

4 credits

An analysis of the rules of social interaction and the functions of language in discourse. Topics include the fundamental features of language, its scope and its acquisition, the structure of conversation, conversational rules, and conversational styles. The course provides instruction in research methods for conversation analysis and discourse analysis.

Prerequisites: Communication 2203 and 2204.

3321 The Origins of Human Communication

4 credits

The development of human communication by close examination of the evolution of modern humans. Students read about and discuss archeologists' continuing search for human origins, prehistoric cave art, the evolution of language, and the invention of writing. Particular attention is given to theories concerning how nonverbal communication first developed and how and why verbal communication evolved.

Prerequisites: Communication 2203 and 2204.

3322 From Orality to Print

4 credits

The social, aesthetic, and psycho-dynamic consequences of the advent of manuscript and print cultures. Beginning with a survey of pre-literate oral cultures, this course explores the work of W. J. Ong, Roland Barthes, W. V. Quine, and other theorists.

Prerequisites: Communication 2203 and 2204.

3323 The Age of Information

4 credits

The personal and institutional implications of the employment of electronic mediated communication systems such as the telephone,

television, and internet. Particular attention is paid to current thought regarding the development of new communication technologies.

Prerequisite: Communication 2203 and 2204.

3326 Organizational Communication

4 credits

An examination of the communicative practices employed by organizations in their internal and external activities. Topics include: historical and current approaches to the study of organization communication; the development and application of theory to organizational communication problems; research methods used to evaluate organizations and their communicative practices. Students conduct on-site field studies and prepare written and oral presentations of their findings.

Prerequisites: Communication 2203 and 2204.

3330 Film Analysis

4 credits

A study of film history and aesthetics and the techniques of film analysis. This course traces the process of filmmaking from script to screen. The course includes a weekly three-hour film viewing session.

Humanities.

3332 Television Analysis and Criticism

4 credits

An introduction to analytical and critical theory in the study of television. Topics include analysis of television organization, content and structure, and critical approaches to television text. The course includes a weekly two-hour television viewing/discussion session.

Prerequisite: Communication 2203 and 2204.

3333 Fiction Into Film

4 credits

The process by which film adapts literary works. The course considers adaptations from short fiction, novels, and dramatic literature, exploring the formal traits unique to each individual genre, the formal traits shared by more than one genre, and the capacity of film adaptation to retain and transform narrative content. Students will write critical essays and a filmscript adapted from a piece of short fiction. The course includes a weekly three-hour film viewing session.

Humanities

3334 Semiotics of Photography and Film*4 credits*

Notions of foundational semiotic thinkers in the context of still photographs and film passages. Students will attend especially to such issues as the arbitrariness of signs, iconic vs. symbolic representation, paradigmatic choice and syntagmatic appropriateness, codes, the variability of codes, the cultural and economic determinants of codes, and mythopoeia. Humanities.

3337 Scriptwriting*4 credits*

The principles, techniques, and requirements of scriptwriting. These are developed through the analysis of existing materials and through the construction and composition of original scripts. *Prerequisite: Communication 2249.*

3338 European Film Art (taught only on the Budapest campus)*4 credits*

Theoretical approaches to the study of film, the analysis of film-making techniques and styles with reference to the roots of European film (Fritz Lang, Eisenstein and the early work of Bunuel), but focusing on the important schools and trends of European cinema in the post-war period. Subjects include the major works of leading film directors, such as Fellini, Visconti, Antonioni, Bunuel, Truffaut, Godard, Wim Wenders, Werner Herzog, and Tarkovsky. Humanities

3349 Filmmaking: First Production*1 credit*

A continuation of the filmmaker's mentorship. Students execute the proposal developed and approved in Communication 2249. *Prerequisite: Communication 2249.*

3351 Gender and Communication*4 credits*

Theoretical perspectives and current research on the relationships between gender and communication. This course explores the contributions human communication makes to the construction of gender and gender identity. Verbal and non-verbal communication are examined in a variety of context such as the family, educational institutions, the

workplace, intimacy, and the mass media.

Prerequisites: Communication 2203 and 2204.

3352 Intercultural Communication*4 credits*

The influence of culture on communication processes. This course investigates the impact of values, languages, and non-verbal behavior on intercultural interaction. Topics include individualistic versus collectivistic cultures, high-context versus low-context cultures, proxemics, chronemics, verbal styles, and other aspects of cultural variability in communication patterns.

Prerequisites: Communication 2203 and 2204.

3353 Cultural Studies*4 credits*

An investigation into the dynamics of social power using the cultural studies approach. This course critically examines the role of cultural discourses in the reproduction and disruption of the social order. Topics include understanding theories of culture, globalization, ideology, hegemony, and consciousness. *Prerequisite: Communication 1103.*

3355 Critical Theory and Popular Culture*4 credits*

A detailed analysis of popular culture formations using critical theoretical tools. This course offers an abstract and contextual study of the way various trends in contemporary popular culture relate to larger, social issues. Topics include an historical overview of critical social theory, and the ways gender, race, and youth are articulated in popular music, film, and television.

Prerequisite: Communication 1103.

3371 General Systems Theory*4 credits*

An investigation of the fundamental principles that underlie this important way of thinking about the world. Topics include observation, definition, boundary, identity, relationship, process, stability, communication, information, and autopoiesis.

3372 Information Theory*4 credits*

Information theory and its implications in human communication. Topics include difference, pattern, data, variety, rule, code, noise,

uncertainty, entropy, information, language and complexity.

Prerequisites: Communication 2203 and 2204.

3381 Health Communication

4 credits

The communication of health care with a focus on physicians and other providers, health care organizations, special interest groups, and government agencies. Particular issues include social support, gender, agenda setting, persuasive health campaigns, and health policy.

Prerequisites: Communication 2203 and 2204.

3391 Junior Systems Problem

1 credit

A continuation of the systems analysis mentorship. Under the direction of the instructor, students work in small groups to solve specific problems. The expected output of the project is a solution to the problem. During the course, students also develop their individual proposals for the senior systems project.

Prerequisite: Communication 2291.

4449 Filmmaking Apprenticeship: Feature Production

1 credit

The conclusion of the filmmaker's mentorship. Students who enroll in this course will complete the production of a feature film proposed in Communication 2249 and started in Communication 3349.

Prerequisites: Communication 3349 and permission of the instructor.

4491 Senior Systems Problem

1 credit

The conclusion of the systems analysis mentorship. Each student identifies and attempts to solve a problem. Project proposals are normally developed during the preceding spring, initiated in the fall, and completed in the spring of the senior year. The expected output is a public talk that describes the problem and presents its solution.

Prerequisite: Communication 3391.

4594 Senior Seminar

4 credits

This Capstone seminar requires each student to design, execute, and present a significant research project, which focuses on a specific Communication phenomenon and uses either a

quantitative or qualitative methodology.

Prerequisites: Communication 2203 and 2204; one 3000 level course.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in Communication

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internship in Communication

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in Communication

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Comparative Literature

Professor Panek (Director); Associate Professor D. Evergates; other faculty members from the departments involved.

No major is offered in this field.

A minor in Comparative Literature is available through the Department of English

MINOR IN COMPARATIVE LITERATURE (20-36 HRS)

CLT 2219 Great Works West World I

CLT 2220 Great Works West World II

CLT/CCS/REL 3321 Comp Mythology

Two additional courses in Comparative

Literature in consultation with adviser.

Foreign language through the 2000 level (Placement at the 3000 level satisfies this requirement.)

1125 Studies in Hispanic Literature in English Translation

4 credits

Spanish and Spanish American literature in translation. The topic changes each year. Humanities.

Cross-listed with Spanish 1125.

2219 Great Works of the Western World I

4 credits

Representative masterworks of European culture from ancient times through the Renaissance. Heritage Sequence, Humanities.

2220 Great Works of the Western World II

4 credits

Representative masterworks of European culture from the Enlightenment to the present. Heritage Sequence, Humanities.

2225 Theatre of the Western World I

4 credits

A survey of major developments in Western theatre history and literature from the Golden Age of Greece to the Restoration. Included are the theatre and drama of Ancient Greece and Rome, Medieval Europe, Italy, England, and Spain during the Renaissance, the French classical period, and the English Restoration. Heritage Sequence, Humanities.

Cross-listed with Theatre Arts 2225.

2226 Theatre of the Western World II

4 credits

A survey of major developments in Western theatre history and literature from the Restoration to modern drama. The course begins with the eighteenth century theatre in England, France and Germany and treats the emergence of the major modern styles of romanticism, realism, expressionism, epic theatre, and theatre of the absurd.

Heritage Sequence, Humanities.

Cross-listed with Theatre Arts 2226.

2227 The Contemporary Theatre

4 credits

Studies in dramatic literature, theatre practice, and performance theory since 1960.

Humanities.

Cross-listed with Theatre Arts 2227.

Offered in 2001-2002 and every third year.

2231 Women in German Literature and Society

4 credits

An exploration of the changing literary and social roles and images of women in Germany in the 19th and 20th centuries through discussions and reading of representative works by German women writers presented in their sociopolitical and cultural context. Of special interest will be the developments in the Third Reich, after 1945, and after the fall of the Berlin Wall in 1989. Works discussed will include authors such as Rahel Varnhagen, Bettina von Arnim, Anna Seghers, Ingeborg Bachmann, Christa Wolf, May Ayim, and others. This course is taught in English.

Cross-listed with German 2231 and Interdisciplinary Studies 2231.

Humanities

2255 Topics in Classical Literature

4 credits

A study of outstanding literary works of the classical world. Emphasis is on studying ancient authors and genres in their original context and analyzing them in the light of modern literature and criticism. Although readings will be in English, language students who have completed Latin 1102 may choose to study some texts in the original language and continue the study of grammar and composition at the intermediate level. Topics include poetry, comic and tragic drama, narrative, and the ancient novel.

Prerequisite: Latin 1102.

Foreign Language, Humanities.

Cross-listed with Latin 2255.

3321 Comparative Mythology

4 credits

A study of the myth-making process and the major mythological types and themes.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 3321 and Religious Studies 3321.

2265; 2266; 3365; 3366 Special Topics in Comparative Literature

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2298; 2299; 3398; 3399 Independent Studies in Comparative Literature

0-4 credits

Qualified students who desire to do independent studies are admitted with permission of the Director.

Computer Science

Associate Professor Eshleman and Miller.

Areas of particular teaching interest: Professor Eshleman: programming languages, computer architecture, numerical methods, theory of computation; Professor Miller: software engineering, algorithms, and numerical methods.

No major is offered in this field.

The Computer Science curriculum provides a broad foundation for careers in professional computing and for graduate study in computer science or computational mathematics. Options available to students include a Computer Science minor and a Computer Science concentration within the mathematics major. Students who are more interested in information analysis than in computing might want to consider the Information Systems minor offered through the Communication Department.

Recent graduates who have completed the minor or concentration are employed as systems analysts, programmers, and computer specialists at private software firms, computer manufacturers, and government agencies. The combination of a Computer Science minor with a major in a liberal arts discipline such as mathematics, physics, economics, English, or communication makes it easy for our graduates to obtain computer-related positions with companies and agencies such as IBM, Hewlett-Packard, the National Security Agency, and Electronic Data Systems.

The minor in Computer Science provides any major with core courses in Computer Science which would make it possible for a student with good problem-solving skills to pursue additional studies at the graduate level. The major in mathematics with a concentration in Computer Science provides a solid foundation for a career in professional computing immediately upon graduation or for graduate study in Computer Science.

Since thinking logically and communicating effectively are necessary skills in computing, courses in mathematics, technical writing, and speech are highly recommended.

Students planning to minor in Computer Science or complete the Computer Science concentration should take the first course (CSC1106) no later than the second semester of their first year in order to avoid scheduling conflicts between the remaining Computer Science courses and major requirements.

The CSC1104 course does not fulfill any requirements for the minor. It is designed to acquaint the liberal arts student who has no prior computer programming experience with the "big ideas" of the Computer Science discipline.

Students with AP credit in Computer Science should consult with Dr. Eshleman to determine whether they should begin with CSC1106 or CSC1107.

BASIC MINOR (24 HRS)

CSC 1106 Fundamentals of Computing I
CSC 1107 Fundamentals of Computing II
CSC/MAT 2210 Intro to Numerical Methods
CSC 3301 Computer Organization
MAT 1118 Calculus II or MAT 2207 Applied Combinatorics & Graph Theory

One additional four-credit course in Computer Science at the 3000 level or above.

COMPUTER SCIENCE CONCENTRATION WITHIN THE MATHEMATICS MAJOR (51 HRS)

CSC 1106 Fundamentals of Computing I
CSC 1107 Fundamentals of Computing II
CSC/MAT2210 Intro to Numerical Methods
CSC 3301 Computer Organization
MAT 1118 Calculus II
MAT 2218 Linear Algebra
MAT 2219 Calculus III
MAT 2221 Fundamental Concepts of Algebra
MAT 3305 Intro to Mathematical Analysis
MAT 3323 Probability
MAT 4494 Capstone Experience in Mathematics (1 hr)

One course chosen from:

MAT 3316 Complex Analysis
MAT 3336 Number Theory
MAT 4406 Abstract Algebra

One course chosen from:

MAT 3328 Operations Research

MAT 3335 Stochastic Process

Two hours of Mathematics Problem Seminar. (Substitutions may be made with the consent of the department chair.) Computer Science should be taken in the first year.

Contact: Dr. Eshleman, Mathematics & Computer Science

Computer Science Course Descriptions (CSC)

1104 Introduction to Computer Science

4 credits

An introduction to ideas and techniques that are fundamental to computer science, providing a broad survey of the discipline while emphasizing the computer's role as a tool for describing, organizing, and manipulating information. Topics include: the historical development of computers, comparison and evaluation of programming languages, algorithmic methods, artificial intelligence, and networking. This course is normally taken by students with no prior computer programming experience.

1106 Fundamentals of Computing I

4 credits

An introduction to standard computer programming techniques including problem analysis, algorithm design, program coding, testing and documentation.

Course includes a laboratory.

Prerequisites: Mathematics 1001 or passing the arithmetic portion of the mathematics proficiency test, Mathematics 1002 or passing the algebra portion of the mathematics proficiency test.

1107 Fundamentals of Computing II

4 credits

This course moves students into the domain of software design, introducing principles necessary for solving large problems and team-programming techniques. Topics to be treated include abstract data types, specifications, tradeoffs among different implementation strategies (such as lists vs. arrays), and complexity analysis. Basic data structures (queues, stacks, trees, sets, and graphs) and transformations (sorting and searching) are introduced as

fundamental tools used to aid the software-design process.

Course includes a laboratory.

Prerequisite: Computer Science 1106 or permission of the instructor.

2210 Introduction to Numerical Methods

4 credits

An introduction to numerical methods for solving problems from calculus and linear algebra, including the solution of a single nonlinear equation, the solution of linear systems, interpolation and approximation, differentiation and integration, and the solution of eigenvalue problems.

Prerequisites: Computer Science 1106, Mathematics 1118.

Cross listed with Mathematics 2210.

Offered in 2003-2004 and alternate years.

3301 Computer Organization

4 credits

An introduction to computer organization: memory, processors, input/output, virtual machines, and assembly language.

Prerequisite: Computer Science 1107.

Offered in 2002-2003 and alternate years.

3303 Modeling and Simulation

4 credits

Concepts of modeling and simulating systems and objects using software tools such as object-oriented or simulation languages. Representative example systems will be drawn from the natural and social sciences. Topics include system abstraction and analysis, discrete event representation, the problem of random number generation on a computer, result verification, and comparison of simulation environments. Basic statistical principles will be reviewed.

Prerequisite: Computer Science 1107.

Offered as needed.

2265; 2266; 3365; 3366 Special Topics in Computer Science

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs. Recent offerings have included Automata Theory and Operating Systems.

Prerequisite: permission of the instructor.

2295; 2296; 3395; 3396 Internships in Computer Science

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399 Independent Studies in Computer Science

0-4 credits

Directed study for qualified students in more advanced topics in computer science theory, systems, or application areas.

Prerequisite: permission of the instructor.

Cross Cultural Studies

Associate Professor Leahy (Coordinator); and faculty members from the departments involved.

No major is offered in this field.

If you are interested in a minor in Cross Cultural Studies, please contact Professor Leahy.

The minor in Cross-Cultural Studies consists of one course from each of the following four designated areas and one additional course of the student's choosing from any of the four designated areas.

A. Philosophy and Religious Studies

- CCS/PHI 2202 Zen & Creativity
- CCS/PHI 2219 East Asian Philosophy
- CCS/PHI 2225 Phil & Practice of Tai Chi
- CCS/REL 2254 Religions of Africans & the Indigenous Americans
- CCS/REL 2255 Religions of Asia
- CCS/REL 2256 Religions of the Ancient World
- CCS/PHI/REL 3302 Classical Indian Phil

B. Fine Arts and Literature

- CCS/MUL 2212 World Music
- CCS/AHY 2229 Arts of India, China & Japan
- CCS/AHY 2241 Arts & Architecture of the African Continent & Beyond
- CCS/AHY 2250 Native Amer Arts & Architecture
- CCS/AHY/REL 3305 Sacred Architecture
- CCS/REL 3306 Hindu Rituals & Ethics

CCS/CLT/REL 3321 Comparative Mythology

C. History Courses, Civilization Courses, and Special Topics Courses in Foreign Cultures

CCS 1101 Intro to Chinese Civilization

CCS 1120 Japan: Land of Contrast

CCS/FRE 1123 French-Speaking World

CCS/SPA/HIS 2223 Cultural History of Latin America

D. Social Science Courses: Anthropology, Sociology, Economics, and Political Science and International Studies

CCS/SOC 1108 Cultural Anthropology

CCS/PSI 3310 Politics of Developing Areas

CCS/PSI 3317 Comp Politics of Communist & Post Communist Political Systems

CCS/ECO 3326 Economic Development

Contact: Dr. Christianna Leahy, Political Science

Cross Cultural Course Descriptions (CCS)

1101 Introduction to Chinese Civilization

4 credits

A study of the historical development of Chinese civilization through an examination of philosophies, religions, literatures, arts, politics, economics, and relations with foreign countries (especially Russia, Korea, Japan, Vietnam, and the U.S.). The role of Confucian ethic and Daoist naturalism in the formation of the Chinese value system is a focus of the course. Global Perspective.

1108 Cultural Anthropology

4 credits

A study of culture with material drawn from pre-industrial, complex, and developing societies. The course examines the increasingly complex social, economic, and political relationships between cultures and nations from both a historical and modern perspective. Global Perspective, Social Science. Cross-listed with Sociology 1108.

1120 Japan: The Land of Contrast

4 credits

A study of Japan's synthesis of Eastern and Western cultures. The focus will be on the old and the new in philosophy, religion, literature, politics, and economics. Global Perspective.

1123 The French-Speaking World

4 credits

An examination of French-speaking countries outside of Europe – especially Africa and the Caribbean – prior to, during, and after the establishment of French colonial rule. Special attention is given to the ways different cultures have reacted, in economic, religious, sociological, artistic, and literary spheres, to the experience of French hegemony. This course is taught in English. Global Perspective, Humanities. Cross-listed with French 1123.

2202 Zen and Creativity

4 credits

A study of Zen's way of life through a close look at the Zen classics, Zen practices, and the poetry and paintings which successfully express the Zen attitude in life. The Zen view of beauty (both in nature and art) and Zen exercises such as Chinese calligraphy, meditation, and discussions of koan (paradoxes) will be included. Global Perspective, Humanities. Cross-listed with Philosophy 2202.

2203 Introduction to Hungarian Culture (Offered at the Budapest campus)

4 credits

The aim of this course is to give students an insight into the special cultural context they will be surrounded by during their stay in Hungary, mainly through the analysis of some outstanding pieces of Hungarian literature and art. Global Perspective.

2212 World Music

4 credits

Surveys in musical traditions other than those of the Western European-American stylistic periods. Global Perspective, Humanities. Cross-listed with Music 2212.

2219 East Asian Philosophy

4 credits

A study of the history and literature of the major East Asian philosophical schools, with emphasis on the presuppositions concerning man and nature. Schools of thought which will receive special attention include Confucianism, Daoism,

Mohism, Yin-Yang, Neo-Confucianism, Zen, and Shinto. The course concludes with a comparison of the general characteristics of East Asian philosophy and Western philosophy. Global Perspective, Humanities. Cross-listed with Philosophy 2219.

2223 Cultural History of Latin America

4 credits

Historical and contemporary culture of Latin America. This course is taught in English. Global Perspective, Humanities. Cross-listed with History 2223 and Spanish 2223.

2225 The Philosophy and Practice of Tai Chi (Tai Ji)

4 credits

Theory and practice of a Chinese meditative exercise which is calisthenics, martial art, breathing exercises, dance, meditation, and prayer. Interpretations and critiques of the writings of the Daoist masters such as Lao Zi and Zhuang Zi will be included. The complete Tai Chi sequence of 108 movements will be practiced. The course emphasizes understanding the Daoist philosophy at the level of intellectual cognition as well as at the level of affective penetration and concrete experience. Global Perspective, Humanities. Cross-listed with Philosophy 2225.

2229 Arts of India, China, and Japan

4 credits

The development of painting, sculpture, and architecture in India, China, and Japan. Global Perspective, Humanities. Cross listed with Art History 2229. Offered in 2002-2003 and alternate years.

2230 Performance and Culture

4 credits

An examination of performance, performance history, and performance theory of non-Western cultures, including those of Asia, Africa, Native America, the Middle East, and South America. Intercultural performance will also be considered with an eye toward the global community. Global Perspective, Humanities. Cross-listed with Theatre Arts 2230.

2241 The Arts and Architecture of the African Continent and Beyond

4 credits

A survey of the ancient and traditional arts of the African continent, including North Africa. Works will be discussed as visual reflections of the specific cultural and historical contexts in which they were created. Some consideration will also be given to the influence of these varied artistic traditions on the art and architecture of the Caribbean, America, and especially the modern European artistic traditions seen in the works of such artists as Picasso, Brawue, Matisse, and others.

Global Perspective, Humanities.

Cross-listed with Art History 2241.

Offered as needed.

2242 Art and Culture of Islam

4 credits

An investigation of the architecture, painting, and other arts of the Islamic world. Areas covered include the arts of Syria, Iran, Turkey, Medieval Spain, North Africa, Central Asia, and Moghul India.

Global Perspective, Humanities.

Cross-listed with Art History 2242.

2250 Traditional Native American Arts and Architecture

4 credits

An examination of the unique varieties of Native American cultures and the works of art and architecture that were created from ancient times to the twentieth century. While the course examines the arts from all the Americas, emphasis will be placed on the arts of the regions now referred to as the United States and Canada.

Global Perspective, Humanities.

Cross-listed with Art History 2250.

Offered 2001-2002 and alternate years.

2254 Religions of Africa and the Indigenous Americans

4 credits

An examination of the myths and ideas, rituals, and institutions associated with the religious traditions of prehistoric peoples and contemporary tribal peoples of Africa, and the indigenous Americans.

Global Perspective, Humanities.

Cross-listed with Religious Studies 2254.

Offered as needed.

2255 Religions of Asia

4 credits

A study of the major Asian religions:

Hinduism, Buddhism, Confucianism, Taoism, and Shintoism. Attention is given to origins and historical development, beliefs, practices, and institutions as well as to the manner in which Europeans and Americans have imagined religion and the East ("Orientalism").

Global Perspective, Humanities.

Cross-listed with Religious Studies 2255.

2256 Religions of the Ancient World

4 credits

An examination of the earliest evidence for human religious behavior as well as some of the religious traditions of the ancient Mediterranean and Near East (for example, Egypt, Mesopotamia, Iran, Greece) and the ancient Americas (for example, Aztec, Inca, Maya).

Global Perspective, Humanities.

Cross-listed with Religious Studies 2256.

Offered as needed.

3302 Classical Indian Philosophy

4 credits

A rigorous introduction to the classical Indian tradition of philosophical thought, from its roots in the Vedas and Upanishads to its systematization in the six orthodox (astika) schools. Attention is also given to the "heterodox" views of the Buddhists, the Jains, and the "materialists."

Global Perspective, Humanities.

Cross-listed with Philosophy 3302 and Religious Studies 3302.

Offered as needed.

3305 Sacred Architecture

4 credits

A historical and systematic examination of both formal and symbolic aspects of structures built for religious purposes, along with their associated religious activities.

Global Perspective, Humanities.

Cross-listed with Art History 3305 and Religious Studies 3305.

Offered as needed.

3306 Hindu Rituals and Ethics

4 credits

An intense look at the Hindu "path of action" in its many dimensions: rituals of the life cycle and daily life, seasonal festivals and celebrations, castes and stages of life, related notions of purity and pollution, and the relations between action and liberation.

Global Perspective, Humanities.

Cross-listed with Religious Studies 3306.

Offered as needed.

3310 The Politics of Developing Areas

4 credits

An examination of the political, social, and economic problems of "third world" development with Latin America as the regional area of focus. The models of corporatism, bureaucratic-authoritarianism, civil-military relations, and dependency theory are applied to case studies in Argentina, Brazil, Cuba, and Peru. An examination of the role of women in development as well as the impact of development on the environment is also included.

Sustainable development models are offered as an alternative to the failed attempts at development.

Global Perspective, Social Science.

Cross-listed with Political Science 3310.

3317 Comparative Politics of Communist and Post-Communist Political Systems

4 credits

A comparative exploration of the historical, cultural, social, political, and economic similarities and differences in the systems of the Former Soviet Union and The People's Republic of China. Both systems attempted to implement Marxism in their systems. The failure of Marxism in the Former Soviet Union and the continuing application of the Marxist model in China are explored. Theoretical paradigms that attempt to predict the future of these regimes are also analyzed.

Global Perspective, Social Science.

Cross-listed with Political Science 3317.

3321 Comparative Mythology

4 credits

A study of the myth-making process and of the major mythological types and themes.

Global Perspective, Humanities.

Cross-listed with Comparative Literature 3321 and Religious Studies 3321.

3326 Economic Development

4 credits

The theories of economic growth and development applied particularly to underdeveloped areas of the earth. The interrelationships of economic, political, sociological, historical, and technological factors in growth and development are examined.

Prerequisite: Economics 2201 or permission of the instructor.

Global Perspective, Social Science.

Cross-listed with Economics 3326.

Deaf Studies

Professor Coryell

Areas of particular teaching interest: Professor Coryell: deaf education, curriculum and instruction for deaf, hard-of-hearing students.

No major is offered in this field.

The minor in Deaf Studies offers a variety of courses related to the language, culture, and literature of Deaf people in the United States and Canada as well as a glimpse at international perspectives in the field. This program of study includes various opportunities for immersion in the language and culture of Deaf people including a semester as a visiting student at Gallaudet University in Washington, D.C., residence in the ASL House, and Jan Term internships in ASL environments such as schools and deaf-related organizations across the United States. For students wishing to pursue a career in teaching deaf students, the College offers a nationally recognized graduate program in Deaf Education. The Deaf Studies minor provides a critical foundation for the graduate degree and includes courses that satisfy prerequisites for Deaf Education.

All courses are taught in ASL. Voice interpreters are provided at coordinator's discretion.

LANGUAGE AND LINGUISTICS CONCENTRATION

ASL 3301 American Sign Language III

ASL 3302 American Sign Language IV

ASL 3338 Linguistics of American Sign Language

CULTURAL/LITERATURE CONCENTRATION

ASL 2230 Life Experiences of Deaf People

ASL 3369 American Deaf Culture

ASL 3339 ASL Literature and Deaf Literature

or ASL 3370 International Perspectives on
Sign Language and Deaf Culture

Internships (2 credits) (Prerequisite for
internships score a minimum of 2.0 on
the ASLPI)

Jan Term in an ASL environment (2 credits) or
Internship (fall or spring) working in a
deaf-related organization, school (2 credits).

Undergraduate students interested in doing a
practicum, whether arranged through the Deaf
Education office or on their own, must take
the ASLPI (as a prerequisite to practicum) and
score a minimum of 2.0 before any approval
will be considered.

One semester spent as a visiting student at
Gallaudet University or one year in the
ASL house.

A 2.5 or higher score on the ASL Proficiency
Interview (ASLPI) is required.

Deaf Studies Course Descriptions (ASL)

2225 American Sign Language I

4 credits

An introduction to the grammar and structure
of American Sign Language (ASL) as a second
language learning experience for students with
no knowledge of ASL. Immersion and inter-
personal communication will be emphasized.

Students learn grammar in the context of com-
municative activities. The Signing Naturally I
units 1 through 6 will be covered. A brief
introduction on Deaf Culture will be included.
(This course taught in ASL only.)

2226 American Sign Language II

4 credits

A continuation of American Sign Language I,
with the expansion of conversational language
skills as the medium of communication. The
Signing Naturally I units 7 through 12 includ-
ing additional cultural information will be
covered. (This course is taught in ASL only.)

*Prerequisite: American Sign Language 2225
with a grade of "B" or above.*

2230 Educational and Life Experiences of Deaf People

4 credits

A general orientation to the life experiences of
deaf people with emphasis on their educational
experiences. An overview of the historical,
philosophical, and social aspects of deaf educa-
tion and the lives of deaf people in the United
States will be included. (Voice interpreters
provided upon request.)

*Prerequisite: American Sign Language 2225
with a grade of "B" or above.*

3301 American Sign Language III

4 credits

A continuation of American Sign Language II,
with strategies for conversation on topics,
vocabulary and grammar previously introduced.
The Signing Naturally II units 13 through 15,
including in-depth cultural information and
appropriate cultural behaviors will be covered.
(This course is taught in ASL only.)

*Prerequisite: American Sign Language 2226,
with a "B" grade or above.*

3302 American Sign Language IV

4 credits

Advanced American Sign Language, focusing
on proficiency in receptive and expressive
skills. The Signing Naturally II and III series,
including in-depth cultural information and
appropriate cultural behaviors will be covered.
(This course is taught in ASL only.)

*Prerequisite: American Sign Language 3301
with a grade of "B" or above.*

3303 American Sign Language V

4 credits

This course provides opportunities for
advanced skill development emphasizing dif-
ferences across various linguistic registers.
Discourse analysis will be introduced and
linguistic structures of ASL and English will be
compared. The signing Naturally III series will
be covered. (This course is taught in ASL only.)

*Prerequisite: American Sign Language 3302
with a grade of "B" or above.*

3338 Linguistics of American Sign Language

4 credits

This course provides an analysis of the major structural features of American Sign Language phonology, morphology, syntax, semantics, and discourse.

Prerequisites: American Sign Language 3303 with a grade of "B" or above, 2230.

3339 ASL Literature and Deaf Literature

4 credits

A cultural and literary analysis of ASL and deaf-related literature in contemporary society. This course presents a selection of major works in text, cinema, and video. It will explore literary style and register, grammatical features, and linguistics expression in a cultural context.

Prerequisites: American Sign Language 3302 with a "B" or above, 2230.

3369 American Deaf Culture

4 credits

This course provides the student with a perspective on deaf people who use American Sign Language and their cultural identity. The course is based on a cultural perspective as an alternative to the pathological model and explores the historical evolution of the deaf community in terms of language, self-image, culture, and arts.

Prerequisites: American Sign Language 3303 with a "B" or above, 2230.

3370 International Perspectives on Sign Languages and Deaf Culture

4 credits

The study of diverse signed language and sociopolitical structures of deaf communities in various countries and the impact on society. This course provides a global perspective of a linguistic and cultural minority group.

Prerequisites: American Sign Language 3302 with a B or above, 2230, and 3369.

This should be the final course taken in the Deaf Studies minor.

Economics

Professors Claycombe, Milstein, J. Olsh (Department Chair), Seidel, and Singer; Assistant Professor McIntyre; Senior Lecturer Carter and Lecturer McDonald.

Areas of particular teaching interest:

Professor Claycombe: industrial organization, managerial economics; Professor Milstein: intermediate and advanced accounting; Professor Olsh: economic development, history of economic thought; Professor Seidel: money and banking; Professor Singer: auditing and taxation; Professor McIntyre: macroeconomics, international economics.

Students who major in this discipline, in addition to acquiring a broad liberal education, prepare themselves with skills which are very useful to prepare for careers in business and finance; for careers in government such as economic analysis, administration, and foreign service; and, by completing graduate study in a university, for professional careers in law, business, and economics. A student may also prepare to teach social studies in public secondary schools (middle/high school).

Economics graduates are admitted to fine graduate schools in economics, business administration, and law. Other graduates go directly into jobs in business, such as banking, insurance, and manufacturing, while others secure positions in such federal departments as Labor, Commerce, Energy, and State.

The dual or double major of Economics and Business Administration combines the advantages of both theoretical and applied disciplines.

Other Educational Options in Economics: Dual majors with Business Administration, a Foreign Language, Mathematics, or Political Science; Pre-Legal; Teacher Certification-Secondary (middle/high school).

The department offers five options for majors. Courses listed for these options are only minimum requirements. Students elect additional courses during the junior and senior years from this department and others according to their interests. The Basic Major permits a maximum number of such electives in order to satisfy students' interests and needs.

BASIC MAJOR (44 HRS)

STA 2215 Elementary Statistics for Social Science

STA 2216 Statistical Methods

Four hours in Mathematics

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

ECO 4405 Capstone – History of Economic Thought (4405 must be taken at the College)

Twelve hours of economics electives at the 3000 or 4000 level

Four hours from among:

COM 1110 Public Speaking

ENG 2203 Introduction to Journalism

ENG 2208 Advanced Composition

ENG 2212 Professional Communication

Suggested First-Year Schedule:

BUA 1101 Principles of Acct I

English Composition (based upon placement)

First-year Seminar

Mathematics (based upon placement) or a BLAR

Physical Education

NOTE:

** Successful completion of the arithmetic portion of the College-administered Mathematics Proficiency Exam is required before a student may register for any Accounting course or ECO 1101.*

** Successful completion of both the arithmetic and algebra portions of the College-administered Mathematics Proficiency Exam is required before a student may register for any courses in Economics (except ECO 1101), Mathematics, or Statistics.*

MINOR IN ECONOMICS (24 HRS)

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

Two additional four-hour economics courses at the 3000 or 4000 level

STA 2215 Elementary Statistics for Social Science

DUAL MAJOR: ECONOMICS – BUSINESS ADMINISTRATION (56 HRS)

Our most popular option, stressing both liberal arts and business preparation.

BUA 1101 & 1102 Principles of Accounting I & II

Four hours in Mathematics

STA 2215 Elem Statistics for Social Science

STA 2216 Statistical Methods

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

ECO 4405 Capstone – History of Economic Thought

Eight hours from among:

ECO 3304 International Economics

ECO 3319 Public Finance

ECO 3326 Economic Development

ECO 3327 Industrial Organ & Pub Policy

ECO 4310 Capstone – Money and Financial Markets (4310 must be taken at the College.)

Four hours from among:

BUA 2201 Intermediate Accounting I

BUA 2209 Principles of Marketing

BUA 2213 Auditing

BUA 2215 Cost Acct: A Managerial Emphasis

BUA 3324 Managerial Economics

BUA 4323 Capstone – Corp Finance & Financial Management (4323 must be taken at the College.)

Four hours from among:

BUA 2205 Legal Environment of Business

BUA 2214 Principles of Management

BUA 2220 Industrial & Organizational Psych

BUA 3305 Public Administration

BUA 3325 Managing Sys. in a Macro Envir.

Four hours from among:

COM 1110 Public Speaking

ENG 2203 Intro to Journalism

ENG 2208 Advanced Composition

ENG 2212 Professional Communication

Suggested First-Year Schedule:

BUA 1101 Principles of Acct I

English Composition (based upon placement)

First-year Seminar

Mathematics (based upon placement) or a BLAR

Physical Education

DUAL MAJOR: ECONOMICS – BUSINESS GERMAN (64 HRS)

- ECO 2201 Principles of Economics
- ECO 3303 Microeconomic Theory
- ECO 3320 Macroeconomic Theory
- ECO 4405 Capstone – History of Economic Thought (4405 must be taken at the College.)
- Eight hours of Economics at the 3000 or 4000 level
- STA 2215 Elem Statistics for Social Science
- STA 2216 Statistical Methods
- GER 1101 Elementary German
- GER 1102 Elementary German
- GER 2221 Principles of German for Business
- GER 3331 German for International Business
- GER 4410 Capstone – Advanced Studies in German (4410 must be taken at the College.)
- GER 2211 Inter. German I: Language & Culture or GER 2212 Inter. German II: Convers. & Comp.
- GER 3301 Intro to the Study of German Literature I or GER 3302 Intro to the Study of German Lit II
- One additional German course taught in English
- GER 1111 German Cinema
- GER 1125 From the Holocaust to German Unification
- GER 1131 Culture of German Speaking Countries
- GER 3320 German/English Translation
- One semester spent studying abroad or one year in German Suite on campus.

*Contact: Dr. J. Olsh, Economics,
Dr. Esa, Foreign Language*

*DUAL MAJOR: ECONOMICS – FOREIGN LANGUAGE** (68 HRS)*

- ECO 2201 Principles of Economics
- ECO 3303 Microeconomic Theory
- ECO 3320 Macroeconomic Theory
- ECO 4405 Capstone – History of Economic Thought (4405 must be taken at the College.)
- Eight hours of Economics at the 3000 or 4000 level
- STA 2215 Elem Statistics for Social Science
- STA 2216 Statistical Methods
- Foreign Language (FRE, GER or SPA)

- 1101 Elem Foreign Lang I
- 1102 Elem Foreign Lang II
- 2211 For Lang World & Culture I
- 2212 For Lang World & Culture II
- 4410 Capstone – Adv Studies in For Lang II (4410 must be taken at the College.)

Three additional Foreign Language courses only one of which may be taught in English.

One semester spent studying abroad or one year in residence in a language house on campus.

***Programs are available in French, German, and Spanish*

*Contacts: Dr. J. Olsh, Economics
Dr. Motard-Noar, Foreign Languages*

DUAL MAJOR: ECONOMICS – MATHEMATICS (62 HRS)

- ECO 2201 Principles of Economics
- ECO 3303 Microeconomic Theory
- ECO 3320 Macroeconomic Theory
- ECO 4405 Capstone – History of Economic Thought (4405 must be taken at the College.)
- Eight hours of Economics at the 3000 or 4000 level
- STA 2216 Statistical Methods
- MAT 1118 Calculus II
- MAT 2218 Linear Algebra
- MAT 2219 Calculus III
- MAT 2221 Fund Concepts of Algebra
- MAT 3305 Intro to Mathematical Analysis
- MAT 3323 Probability

One course chosen from:

- MAT 3324 Mathematical Statistics
- MAT 3328 Operations Research
- MAT 3335 Stochastic Processes
- One hour from Mathematics Problem Seminar
- CSC 1106 Fundamentals of Computing I
- MAT 4494 Capstone Experience in Mathematics (1 hr.)

*Contacts: Dr. J. Olsh, Economics
Dr. R. Boner, Mathematics*

**DUAL MAJOR: ECONOMICS –
POLITICAL SCIENCE (56 HRS)**

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

ECO 4405 Capstone – History of Economic
Thought (4405 must be taken at the
College.)

Eight hours of Economics at the 3000 or 4000
level

STA 2215 Elem Statistics for Social Science

STA 2216 Statistical Methods

PSI 1101 Intro to Political Science

PSI 1111 Early Western Political Thought or

PSI 1112 Mod West Political Thought

PSI 4492 Capstone – Senior Seminar

Twelve hours of Political Science courses

Contacts: Dr. J. Olsh, Economics

*Dr. H. Smith, Political Science and
International Studies*

PRE-LAW PREPARATION

Students majoring in Economics as a pre-law
course of study are urged to include elec-
tives from one or more of the following
fields in their programs.

Business Administration

English

History

Political Science and International Studies

Economics Course Descriptions (ECO)

1101 Introduction to Political Economy

4 credits

An introduction to economic reasoning and its
application in analyzing economic problems
and institutions.

*Prerequisite: Mathematics 1001 or passing
Arithmetic Proficiency Exam.*

This course is not open to students who have
taken Economics 2201. It is not normally
taken by majors in economics or business
administration.
Social Science.

2201 Principles of Economics

4 credits

The study of the economic foundations of any
society: price theory – the market system,
allocation of resources, and income

distribution; macroeconomic theory – national
income and employment, money and banking,
growth, recession, inflation, and international
trade.

*Prerequisites: Mathematics 1001 or passing
Arithmetic Proficiency Exam, Mathematics
1002 or passing Algebra Proficiency Exam.
Social Science.*

3303 Microeconomic Theory

4 credits

The theory of demand, production, cost, and
resource allocation in a market economy.
Models of market structure are developed and
various forms of market failure are analyzed.
Also developed are models of risk and
uncertainty and theories of factor pricing and
income distribution.

*Prerequisite: Economics 2201 or permission of
the instructor.*

3304 International Economics

4 credits

The principles of international trade and
finance; study of classic trade theories, trade
policy, exchange rate markets, balance of
payments, trade and growth/development,
open economy business cycles, international
organizations, and exchange rate policy.

*Prerequisite: Economics 2201 or permission of
the instructor.*

Offered in 2002-2003 and alternate years.

3319 Public Finance

4 credits

Principles and problems of taxation; the theory,
character, and trend of public expenditures;
public choice; the sources and effects of public
revenue and public indebtedness – national,
state, and local.

*Prerequisite: Economics 2201 or permission of
the instructor.*

3320 Macroeconomic Theory

4 credits

The study of national income and price
determination, growth, and business cycles;
the consumption/leisure tradeoff, expectations
and dynamic decision making, asset markets
and investment, nominal frictions, and the role
of fiscal and monetary policy.

*Prerequisite: Economics 2201 or permission of
the instructor.*

3324 Managerial Economics

4 credits

The application of economic theory and quantitative methods for solving business problems. Emphasis is on analysis of demand, cost, and profit under conditions of imperfect information and uncertainty. Business pricing strategies receive special attention.

Prerequisite: Economics 2201 or permission of the instructor.

Cross-listed with Business Administration 3324.

Offered in 2002-2003 and alternate years.

3326 Economic Development

4 credits

The theories of economic growth and development applied particularly to underdeveloped areas of the earth. The interrelationship of economic, political, sociological, historical, and technological factors in growth and development are examined.

Prerequisite: Economics 2201 or permission of the instructor.

Global Perspective, Social Science.

Cross-listed with Cross Cultural Studies 3326.

3327 Industrial Organization and Public Policy

4 credits

Study of structure, conduct, and performance of industry in the United States as they pertain to the goals and effects of public policy. Emphasis is on antitrust and regulation.

Prerequisite: Economics 2201 or permission of the instructor.

Offered in 2001-2002 and alternate years.

3387,4487 Reading List

1, 1 credit

Open only to students declaring economics or business administration as a major. Reading is completed during the summer and tested by examination.

4310 Money and Financial Markets (Capstone)

4 credits

The study of the financial sector and its importance: market structure and financial instruments; asset pricing and interest rate determination; the operations and behavior of banks and other financial institutions; money-

creation and central banking; and the interrelationship between money and financial markets and the macroeconomy.

Prerequisite: Economics 2201 or permission of the instructor.

4405 The History of Economic Thought (Capstone)

4 credits

The development of economic theory from ancient times to the present contributions of Greece, Rome, and the Middle Ages; major emphasis on mercantilism and nineteenth and twentieth century economic analysis.

Prerequisite: Economics 2201 or permission of the instructor.

4490 Senior Thesis

1-4 credits

Directed individual research and writing.

Open only to economics majors. Honors students are normally expected to register for 3-4 semester hours.

Prerequisite: Economics 2201 or permission of the instructor.

4491; 4492 Economics and Business Administration Colloquium

1, 1 credit

Readings and group discussion. Significant works in economics and business administration are read and analyzed.

Prerequisite: Economics 2201 or permission of the instructor. This course is open to all senior economics majors.

Cross-listed with Business Administration 4491, 4492.

3365; 3366; 4465; 4466 Special Topics in Economics

0-4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

Prerequisite: Economics 2201 or permission of the instructor.

Education

Professors Coley, Coryell, Fennell, Pool, Reiff, and Zirpoli; Associate Professors Kerby, Lockard (Department Chair), D. Miller, and Orza; Assistant Professors Craig, K'Olewe, Laird, Medina, Parker, Schlossberg, and Virts; Lecturer Conley and Instructional Support for ASL Studies Martin.

Areas of particular teaching interest:

Professor Coley: diagnosis and remediation of reading disabilities, comprehension development; Professor Fennell: elementary and middle school mathematics, curriculum, and assessment; Professor Pool: elementary and middle school curriculum, educational psychology; Professor Zirpoli: behavior management, Target Community and Educational Services Inc.; Professor Lockard: educational administration, elementary education; Professor Coryell: deaf education, curriculum and instruction for deaf, hard-of-hearing students; Professor Miller: reading assessment and instruction, reading difficulties – prevention, intervention, and remediation; Professor Reiff: exceptional children; Professor Kerby: media/library science, young adult non-fiction; Professor K'Olewe: curriculum and instruction; teaching in secondary schools; Professor Laird: deaf education/deaf studies, counseling; Professor Medina: psychological foundations of education, diversity, special education; Professor Orza: counseling psychology, empathy and counselor education; Professor Parker: curriculum and instruction, interdisciplinary programs; Professor Schlossberg: counseling psychology; Professor Virts: deaf education – literacy development, curriculum and instruction; Professor Craig: reading assessment and instruction, reading difficulties – prevention, intervention, and remediation; Professor Conley: deaf education/deaf studies, literacy; Professor Martin: deaf education/deaf studies.

No major is offered in education.

The College has provided programs for teacher preparation and certification for over 100 years. Although the College has never had a major in education, it does offer minors in elementary and secondary education. Students who complete the minor in elementary education, secondary education, or K-12 physical

education or art are eligible for teacher certification in the State of Maryland (and over 48 states involved in the Interstate Reciprocity Agreement) in either elementary (grades 1-6), secondary (grades 7-12), or K-12 physical education or art. All of the teacher education programs are fully approved and accredited by the Maryland State Department of Education. Note that course requirements for the education minor are subject to changes reflecting Maryland State Department of Education certification regulations.

Students preparing to teach secondary school (middle or high school) select a major in their field; students desiring certification to teach in the elementary school (grades 1-6) select any major, usually one which supports the field such as Communication, English, Mathematics, Sociology, or Psychology. Students receive certification in elementary or the following secondary education fields: art, biology, chemistry, English, French, German, instrumental or vocal music, mathematics, physical education, physics, social studies, and Spanish. The art and physical education programs also offer a K-12 certification option.

Education Semester

During the education semester, elementary education students complete 12 credits of student teaching at the primary or intermediate grade levels in a Professional Development School setting. Secondary education students complete Education 4418 and 12 credits of student teaching at the middle and high school levels. K-12 certification students complete Education 4418 and 12 credits of student teaching at the elementary and secondary school levels.

All coursework should be planned so that one semester of the senior year may be kept entirely free for student teaching.

If interested in education, make advisory contact with any of the following faculty members:

Elementary Education:

Dr. Sharon Craig, Assistant Professor
Dr. Francis (Skip) Fennell, Professor

Secondary or K-12 Education:

Dr. Janet Medina, Assistant Professor
Dr. Ochieng K'Olewe, Assistant Professor

1. All education minors must have an education department adviser.
2. Plan to complete a major in a field offering content appropriate for a subject or area of teacher education. See the various department headings in this catalog.
3. Complete and pass Praxis I tests in Reading, Writing, and Mathematics prior to the fall semester of the junior year.
4. Expect to spend at least 40 hours in a school-based practicum during semesters in which you are completing education courses, excepting EDU 1111 or 1141.
5. Plan the major and BLAR courses so that you are able to complete the student teaching semester (which will last fifteen weeks) during your senior year or immediately after graduation.
6. Meet the following program requirements:
 - a. To be formally admitted into the Education minor, students must complete EDU 1111 or EDU 1141 and EDU 2240 (secondary and K-12 education) or EDU 2015 (elementary education) with a grade of "C" or better, complete and pass Praxis I tests in reading, writing, and mathematics, and apply for and complete a candidacy interview. *Note that EDU 1111 is a first-year seminar and that 1141 should be completed in the spring of the first year or the fall of the sophomore year. Students must have sophomore standing to enroll in EDU 2240 or EDU 2015. Students are discouraged from enrolling in EDU 1141 and EDU 2240 or EDU 2015 simultaneously.*
 - b. In order to enroll for any EDU 3000-level courses, students must have submitted passing scores on the Praxis I reading, writing, and mathematics tests to the education department, and have completed the education minor candidacy interview.
 - c. Students must earn a grade of "C" or better in all EDU prefix courses and all other certification requirement courses, which are those courses listed in this catalog under the headings of the Teacher Certification for each area of major study.
- d. Students will be asked to complete a Criminal Background Disclosure Statement for each semester in which they will be completing a school-based practicum. Serious (felony) violations will prevent them from participating in and/or completing the education minor and Maryland teacher certification.
- e. A formal application, interview, and minimum GPA of 2.50 in the major and overall are required for admission to the student teaching semester. All student teaching placements will be in Professional Development School (PDS) sites and other locations in central Maryland.
7. Passing scores on the PRAXIS II (before the completion of the student teaching experience), and the presentation of a program portfolio are the culminating activities required for eligibility for Maryland teacher certification.

MINOR IN ELEMENTARY EDUCATION (61 HRS)

Required:

- PSY 1106 Contemporary Psychology
 - EDU 1111 Learning in a Diverse Society or EDU 1141 Teaching and Learning in a Diverse Society
 - EDU 2015 Process and Acquisition of Reading (includes practicum)
 - EDU 3324 Balanced Reading Instruction and Materials (includes practicum)
 - EDU 3312 Teaching Science and Social Studies – Elementary School (includes practicum)
 - EDU 3314 Teaching Elementary School Mathematics (includes practicum)
 - EDU 4205 Assessment of Reading Instruction
- Professional Semester (12 hrs)*
- EDU 4422 Elementary Student Teaching (primary/intermediate) (6 hrs)
 - EDU 4424 Elementary Student Teaching (intermediate/middle) (6 hrs)
 - SLM 3317 Children's Literature
 - MAT 1106 Finite Mathematics (Math proficiency must be passed.)
 - MAT 2241 Mathematics for Elementary School Teachers (Math proficiency must be passed.)
 - PSY 2207 Child Development

HIS 2227 Development of Modern America or

HIS 2225 Colonial America, 1607-1763.

EPE 1043 Creative Rhythms and Dance (0.5 hr)

EPE 1174 Fundamental Motor Skills (0.5 hr)

Recommended:

School-Based Internship (100 hours) offered in
January Term (2 hrs)

STA 2215 Statistics

MAT 3322 Geometry

Suggested Schedule for Elementary Education

Minor:

First Year

FALL

EDU 1111 Learning in a Diverse Society
(Fall only – may substitute for EDU
1141.)

SPRING

EDU 1141 Teaching and Learning in a
Diverse Society
EPE 1174 Fundamental Motor Skills (0.5
hr)

Sophomore Year

FALL

SLM 3317 Children's Literature
PSY 2209 Child and Adolescent
Development

MAT 1106 Finite Mathematics (Math
proficiency must be passed.)

SPRING

HIS 2227 Development of Modern
America or HIS 2225 Colonial America,
1607-1763

EPE 1043 Creative Rhythms and Dance
(0.5 hr)

EDU 2015 Process and Acquisition of
Reading (includes practicum)

Apply for Education Program Candidacy
Interview

Junior Year

FALL

EDU courses require passing Praxis I scores

EDU 3324 Balanced Reading Instruction
and Materials (includes practicum)

MAT 2241 Mathematics for Elementary
School Teachers (Math proficiency must
be passed.)

JANUARY

School Based Internship (100 hours)

SPRING

EDU 3312 Teaching Science and Social
Studies-Elementary School (includes
practicum)

EDU 3314 Teaching Elementary School
Mathematics (includes practicum; MAT
2241 prerequisite)

Senior Year

(Interview, Passing Praxis I scores, 2.50 GPA
overall and in the major, grades of "C" or bet-
ter in all EDU program courses are required
for acceptance into the professional semester.)

FALL

EDU 4205 Assessment in Reading
Instruction (includes practicum)

SPRING

Professional Semester (12 hr)
Passing scores on Praxis II
Presentation of Program Portfolio

*MINOR IN SECONDARY EDUCATION
(34 HRS)*

Required:

EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching and Learning in a
Diverse Society

EDU 2240 Planning and Evaluating
Instruction (includes practicum)

Passing Praxis I scores and education program
candidacy interview-spring of sophomore
year

Methods Course in the field (see below –
includes practicum)

EDU 4417 Reading in the Content Areas –
Part I (includes practicum)

Professional Semester (12 hrs)

EDU 4418 Reading in the Content Areas –
Part II (2 hr)

EDU 4432 Secondary Student Teaching –
Middle (6 hr)

EDU 4434 Secondary Student Teaching –
High (6 hr)

Passing Praxis II scores and presentation of
Program Portfolio – student teaching semester
PSY 2209 Child and Adolescent Development

Recommended:

School-Based Internship (100 hours) offered in
January Term (2 hrs)

CCS 1104 Intro to Computer Science

Note: Secondary education minors must complete the appropriate major in their teaching field. There are additional courses required for those wishing to teach Biology, English, Foreign Language, Mathematics, Music, Physical Education, and Social Studies. CHECK the teacher education course listings that correspond to the majors identified in this catalog.

Methods Courses:

The required methods course depends on the area of certification. Students must have completed an Education Program Candidacy Interview and submitted passing Praxis I scores prior to completing methods courses. These courses are offered on the following cycle:

FALL

- EDU 3342 Art – Secondary
- EDU 3341 English
- EDU 3343 Foreign Language
- EDU 3344 Mathematics
- EDU 3340 Music – Choral
- EDU 3346 Music – Instrumental
- EDU 3345 Social Studies
- EDU 3350 Science

SPRING

- EDU 3347 Art – Elementary
- EDU 3348 Teaching Methods in Physical Education

K–12 CERTIFICATION IN PHYSICAL EDUCATION OR ART

Students interested in teaching art or physical education will complete a K–12 certification program. This will provide program graduates with certification to teach elementary – or secondary – level students in either art or physical education. To be eligible for this certification program, students must complete the basic major in either art or physical education, specified courses in either program, and the minor in secondary education, including student teaching placements in both an elementary and secondary school.

TEACHER CERTIFICATION IN SECONDARY (GR. 7–12) SOCIAL STUDIES – REQUIRED EMPHASIS STUDY

I. Completion of the basic major in History, Political Science and International Studies, or Sociology

II. Required courses

One course in Economics: ECO 1101 Intro to Political Economy is required; note that ECO 2201 Prin. of Econ. is strongly recommended.

GEO 3316 Geography: A Modern Synthesis

PSY 1106 Contemporary Psych.

PSY 2209 Child and Adolescent Development

EDU 1111 Learning in a Diverse Society or
EDU 1141 Learning & Teaching in a Technological Era

EDU 2240 Planning & Evaluating Instruction (Students enrolling in EDU 2240 must have sophomore standing.)

Provide Certifying Scores on Praxis I

EDU 3345 Methodology in Social Studies

Semester in Education:

EDU 3327 Reading in the Content Area

EDU 3329 Diversity

EDU 4432 Secondary Student Teaching (middle)

EDU 4434 Secondary Student Teaching (high)

Provide Certifying Scores on Praxis II

III. Required Areas of Emphasis (One area of emphasis other than your major is required.):

A. History Emphasis (6 courses)

HIS 1105 Western Civ. I: Origins–1700

HIS 1106 Western Civ. II: 1700–Present

Two upper-level (2000 or above)

American History courses (One course covering American History before 1865 and one course covering American History after 1865)

One Political Science course covering American (2202) or World (2204) Government (for Sociology majors)

OR

Sociology 1103 (for Political Science majors)

One Cross–Cultural Studies course*

B. Political Science Emphasis (6 courses)

PSI 1101 Intro. to Political Science
PSI 2202 State & Local Government
PSI 2204 International Relations

One course from:

PSI 2201 Amer. Political
Institutions
PSI 2207 American Public Policy

One course from:

SOC 1103 Intro Sociology (for
History majors)
HIS 1105 West Civ. I: Origins –
1700 or HIS 1106 West Civ. II:
1700 – Present (for Sociology
majors)

One Cross-Cultural Studies course*

C. Sociology Emphasis (6 courses)

SOC 1103 Intro Sociology
SOC/CCS 1108 Cultural Anthropology

Two courses from:

SOC/SWK 2202 The Family
SOC 2203 Urban Sociology
SOC 2212 Social Stratification &
Inequality
SOC 2250 Sociology of Deviant &
Delinquent Behavior

One Political Science course covering
American (2202) or World (2204)
Government (for History Majors)

OR

HIS 1105 West Civ I: Origins–1700 or
HIS 1106 West Civ II: 1700–
Present (for Political Science Majors)

One Cross-Cultural Studies course*

**Cannot be from area of emphasis*

Contact: Dr. K'Olewe, Education

Education Course Descriptions (EDU)

1111 (FR) Learning in a Diverse Society

4 credits

An overview of education in the U.S. including an introduction to the role of various personnel in the school environment. The cognitive, affective, and psychomotor characteristics, as well as the personal, social, and moral development of school-age students are identified and

explored with an emphasis on the class's own experiences in education. Topics include self-concept, motivation, ethics, mainstreaming, communication skills, at-risk populations, standardized tests, and multi-culturalism, as they relate to today's diverse learning environments.

1141 Teaching and Learning in a Diverse Society

4 credits

An overview of education in the United States, including identification of pupil characteristics at all three educational levels: elementary, middle, and high school. The course includes psychology of teaching and learning, related educational foundations, and a research-based introduction to current issues in education.

This course places a strong emphasis on understanding how students differ in their approaches to learning and creating instructional opportunities that are adapted to diverse learners in order to meet individual needs. Incorporation of selected multimedia and technology and structured observations in elementary and secondary schools are included.

2015 Processes and Acquisition of Reading

4 credits

The acquisition of reading including the foundations of reading development, and the interactive nature of the reading process are key areas of emphasis in this course.

Participants explore the purposes for reading and various text formats within a balanced literacy program. The course content addresses language acquisition, phonological awareness, phonics, vocabulary knowledge, comprehension strategies, and cognitive development in relation to literacy acquisition. A 40-hour practicum at a local elementary school is the field experience for this course.

Prerequisite: Education 1111 or 1141, sophomore status. This course is for elementary education students only.

2240 Planning and Evaluating Instruction*4 credits*

Planning and assessment for class and small group instruction is the major focus of this course. The course includes the study of long term and daily planning and the development of instructional outcomes. The course also emphasizes assessment from formative to summative and standardized to performance-based and portfolio. Students will complete a 40-hour practicum at a local elementary or secondary school during the semester.

Prerequisites: Education 1111 or 1141, sophomore status. This course is for secondary education students only.

3312 Teaching Science & Social Studies in the Elementary School*4 credits*

Current trends in science and social studies for the elementary school level with an emphasis on the student involvement in the learning environment are studied. Students acquire familiarity with a variety of teaching techniques and curriculum materials in these two content areas. A 40-hour practicum at a local elementary school is the field experience for this course. This course is to be completed concurrently with Education 3314.

Prerequisites: Praxis I, Education 1111 or 1141, 2015, junior status.

3314 Teaching Elementary School Mathematics*4 credits*

A focus on reform issues in elementary and middle grade mathematics education. This includes an analysis of principles for mathematics teaching and learning. Important course topics include content and pedagogy related to number and operation, algebra, geometry, measurement, and data analysis and probability. The course also focuses on problem-based learning and the use of technology in instruction. A 40-hour practicum at a local elementary school is the field experience for this course. This course is completed concurrently with Education 3312.

Prerequisites: Praxis I, Education 1111 or 1141, 2015, Mathematics 1106, 2241, junior status.

3324 Balanced Reading Instruction and Materials*4 credits*

Theoretical and practical issues related to the design and implementation of a balanced literacy program are examined in this course. Students will critically analyze and implement developmentally appropriate instructional practices for motivation, word recognition, comprehension, vocabulary development and intervention. The course addresses the organization and management of balanced reading instruction and incorporates the selection and strategic use of effective instructional materials. A 40-hour practicum at a local elementary school is the field experience for this course.

Prerequisites: Praxis I, Education 1111 or 1141, 2015, junior status. This course is for elementary education students only.

3340–3350 Methodology in (secondary subject)*4 credits*

An in-depth study of specific methods for the student's teaching field including national and state curriculum standards in the field, classroom management techniques applicable to the discipline, and varied behavioral management strategies including affective concerns. A 40-hour practicum at a local secondary school is the field experience for this course.

Prerequisites: Praxis I, Education 1111 or 1141, Education 2240.

3340 Choral Music**3341 English****3342 Art****3343 Foreign Language****3344 Mathematics****3345 Social Studies****3346 Instrumental Music****3348 Teaching Methods in Physical Education****3350 Science****4205 Assessment for Reading Instruction***4 credits*

Examines informal and formal assessment techniques, processes and instruments within an interactive assessment-instruction framework. Students analyze state, local, and classroom assessments in order to evaluate individual, group, and school performance. The course

content incorporates administration, scoring, interpretation, and reporting procedures for a variety of assessment tools. Effective techniques for the communication of assessment results are also addressed. A 40-hour practicum at a local elementary school is the field experience for this course.

Prerequisites: Praxis I, Education 1111 or 1141, 2015, Education 3312, Education 3314, 3324, junior status. This course is for elementary education students only.

4417 Reading in the Content Areas: Part I 4 credits

Examines the elements of the reading process that are essential for success in reading at the secondary level, including: types of reading for both narrative and expository text, methods of assessment, cognitive strategies to develop reading comprehension, classroom instructional strategies, and motivational factors. This course links theory with practice in content area reading. A 40-hour practicum at a local secondary school is the field experience for this course.

Prerequisites: Praxis I, Education 1111 or 1141, 2240, junior status. This course is for secondary education students only.

4418 Reading in the Content Areas II 2 credits

This course is an extension of concepts presented in Reading in the Content Areas: Part I. The course focuses on teaching reading at the middle and high school levels in order to enhance student ability to construct meaning from text. Reading and writing strategies appropriate for secondary students are examined, including technical reading/writing, cognitive strategies in reading/writing, effective integration of reading/writing instruction into the secondary classroom, and various assessment methods. Classroom observations of experienced teachers in content areas are an integral component of this course. This course is completed during the student teaching semester.

Prerequisites: Praxis I, Education 1111 or 1114, Education 2240, 4417, 3340–3350, junior status. This course is for secondary education students only.

4425 Elementary Student Teaching – Professional Development School Placement

12 credits

An internship teaching at the elementary school level in a Professional Development School (PDS). Experiences involve full-time teaching with all related planning responsibilities and the extracurricular expectations of the classroom teacher.

Prerequisites: Praxis I, a minimum 2.5 GPA overall and in the academic major, a “C” or better in all EDU program courses, completion of all the minor requirements leading to student teaching, and permission of the Education Department. There is an extra fee for this course.

4432 Secondary Student Teaching (Middle School)

6 credits

An internship teaching at the middle school level. Experiences proceed from introductory participation to the assumption of full teaching assignment with all related planning responsibilities and the extracurricular involvements of the professional teacher.

Prerequisites: Praxis I, a minimum 2.5 GPA overall and in the academic major, a “C” or better in all EDU program courses, completion of all minor requirements leading to student teaching, and permission of the Education Department. There is an extra fee for this course.

4434 Secondary Student Teaching (High School)

6 credits

An internship teaching at the high school level. Experiences proceed from introductory participation to the assumption of full teaching assignment with all related planning responsibilities and the extracurricular involvements of the professional teacher.

Prerequisites: Praxis I, a minimum 2.5 GPA overall and in the academic major, a “C” or better in all EDU program courses, completion of all minor requirements leading to student teaching, and permission of the Education Department. There is an extra fee for this course.

4442 Student Teaching (K-6 Art or Physical Education)

6 credits

An internship teaching at the elementary school level. Experiences proceed from introductory participation to the assumption of full teaching assignment with all related planning responsibilities and the extracurricular involvements of the professional teacher.

Prerequisites: Praxis I, a minimum 2.5 GPA overall and in the academic major, a "C" or better in all EDU program courses, completion of all minor requirements leading to student teaching, and permission of the Education Department. There is an extra fee for this course.

4444 Student Teaching (7-12 Art or Physical Education)

6 credits

An internship teaching at the secondary school level. Experiences proceed from introductory participation to the assumption of full teaching assignment with all related planning responsibilities and the extracurricular involvement of the professional teacher.

Prerequisites: Praxis I, a minimum 2.5 GPA overall and in the academic major, a "C" or better in all EDU program courses, completion of all minor requirements leading to student teaching, and permission of the Education Department. There is an extra fee for this course.

English

Professors Mangan, Panek (Department Chair), Regis, and Sapora; Associate Professors Bendel-Simso, R. Carpenter, Dalton, and Kachur; Assistant Professor E. Smith; Senior Lecturers: S. Seibert, Spence; Instructor Williams-Forson; Adjunct Lecturers Breslin, Campbell, Garrett, Kohl, Myers, Wollenweber.

Areas of particular teaching interest: Professor Bendel-Simso: 19th and 20th-century American literature, southern literature; Professor Carpenter: modern British literature, Victorian literature, colonial/post-colonial literature and theory; Professor Dalton: journalism; Professor Kachur: 18th- and 19th-century British literature; Professor

Mangan: creative writing, American literature, women's literature; Professor Panek: Shakespeare, renaissance literature, popular literature; Professor Regis: colonial and 19th-century American literature, the novel, popular literature; Professor Sapora: medieval literature, linguistics, critical theory; Professor S. Seibert: composition; Professor E. Smith: technical writing, electronic communication; Professor Spence: English as a second language, grammar; Professor Williams-Forson: 19th- and 20th-century African-American social, cultural, and literary history.

The English curriculum seeks to provide a general background in the historical periods of American and English literature, in the works of major writers, in the development of the novel, and in other special areas of literature. At the same time, it seeks to equip students with a general knowledge of the English language and the skill to use it efficiently.

The English major combines broad coverage of the history, themes, and genres of literature written in English with analysis of and practice in the use of our language. This knowledge along with the practical and analytical skills attained through the dedicated study of literature and language have enabled English majors to succeed in graduate study and a variety of career paths, including teaching, journalism, business, library science, social work, government service, public relations, and law.

Other Educational Options in English:

Dual majors with Communication, Theatre Arts, History, and Political Science; minors in Comparative Literature, English/American literature, Writing, and Journalism.

BASIC MAJOR (48 HRS)

Period Courses:

Take 1

ENG 2230 Beowulf to Mallory

ENG 2231 Renaissance

Take 1

ENG 2232 Enlightenment Literature

ENG 2233 Romanticism

Take 1

ENG 2234 Victorian

ENG 2270 20th-Century British

Take 2

- ENG 2241 American Lit. I: Colonial & Romantic
- ENG 2242 American Lit. II: Realism & Naturalism
- ENG 2243 American Lit. III: Modern & Contemp.

Figure Courses:

Take 2

- ENG/THE 3350 Shakespeare
- ENG 3360 Chaucer
- ENG 3363 Major Figure British
- ENG 3364 Major Figure American

Novel Courses:

Take 1

- ENG 3341 British Novel I
- ENG 3342 British Novel II
- ENG 3343 American Novel

Special Areas:

Take 1

- ENG 2250 Post-Colonial Literature
- ENG 2251 Literature by Women
- ENG 2252 Popular Literature
- ENG 2253 Southern Literature
- ENG 2254 Nature Writing
- ENG 2255 Short Story Cycles
- ENG 2256 20th-Century American Poetry
- ENG 2258 African-American Literature
- ENG 2260 Horror Fiction
- ENG 2271 Contemporary British Literature
- CLT 2219 & 2220 Great Works I & II

Language:

Take 1

- ENG 2211 Grammar & Usage
- ENG/COM 3306 Approaches to the Study of Lang.

Writing:

Take 1

- ENG 1103 Introduction to Journalism
- ENG 2206 Creative Writing – Poetry
- ENG 2207 Creative Writing – Fiction
- ENG 2208 Advanced Composition
- ENG 2212 Professional Communication

Seminar:

- ENG 4492 Capstone – Senior Seminar

Recommended:

- HIS 1105 & 1106 Western Civ I & II
- Philosophy

Suggested First-Year Schedule:

- ENG 1101 & 1102 Comp & Reading I & II
- First-year Seminar
- Foreign Language
- BLAR

The knowledge and skill acquired from the English major make it an appealing second major, dual major, or minor. The requirements for dual majors and minors are listed below.

MINOR IN ENGLISH/AMERICAN LIT.
(28 HRS)

Period Courses:

Take 1

- ENG 2230 Beowulf to Mallory
- ENG 2231 Renaissance

Take 1

- ENG 2232 Enlightenment Literature
- ENG 2233 Romanticism

Take 1

- ENG 2234 Victorian
- ENG 2270 20th-Century British

Take 2

- ENG 2241 American Lit. I: Colonial & Romantic
- ENG 2242 American Lit. II: Realism & Naturalism
- ENG 2243 American Lit. III: Modern & Contemp.

Figure Courses:

Take 1

- ENG/THE 3350 Shakespeare
- ENG 3360 Chaucer
- ENG 3363 Major Figure British
- ENG 3364 Major Figure American

Special Areas:

Take 1

- ENG 2250 Post-Colonial Literature
- ENG 2251 Literature by Women
- ENG 2252 Popular Literature
- ENG 2253 Southern Literature
- ENG 2254 Nature Writing
- ENG 2255 Short Story Cycles
- ENG 2256 20th-Century American Poetry

ENG 2258 African American Literature
 ENG 2260 Horror Fiction
 ENG 2271 Contemporary British Literature
 CLT 2219 & 2220 Great Works I & II

Contact: Dr. Panek, English

MINOR IN WRITING (20 HRS)

ENG 1103 Introduction to Journalism
 ENG 2206 Creative Writing – Poetry or ENG 2207 Creative Writing – Fiction
 ENG 2208 Advanced Composition
 ENG 2211 Grammar & Usage
 ENG 2212 Professional Communication
 NOTE: ENG 4498/99 (with writing emphasis) may substitute for any one of these courses.

Contact: Dr. Mangan, English

MINOR IN JOURNALISM (20 HRS)

ENG 1105 Comp & Reading – Journalism or ENG 1103 Intro to Journalism
 ENG 2204 Journalism II
 ENG 2205 Media Ethics
 Any one of the following:
 ENG 2208 Advanced Composition
 ENG 2210 Media & Politics
 ENG 2212 Professional Communication
 Independent Study with *The Phoenix* (4 hrs)
 Note: An off-campus internship is strongly recommended.

Contact: Mr. Dalton, English
 MINOR IN COMPARATIVE LIT. (20–36 HRS)

CLT 2219 Great Works West World I
 CLT 2220 Great Works West World II
 CLT/CCS/REL 3321 Comp Mythology
 2 additional courses in Comparative Literature in consultation with adviser.
 Foreign language through the 2000 level
 (Placement at the 3000 level satisfies this requirement.)

Contact: Dr. Panek, English

ENGLISH WITH SECONDARY (7–12) TEACHER CERTIFICATION (88 HRS)

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. See Education Minor for more information.

Basic English Major
 SLM 3318 Adolescent Literature
 EDU 1111 Learning in a Diverse Society or EDU 1141 Teaching & Learning in a Diverse Society
 EDU 2240 Planning & Evaluating Instructional Design
 Provide Certifying Scores on Praxis I
 EDU 3341 Methodology in English Semester in Education:
 EDU 4417 Reading in the Content Area I
 EDU 4418 Reading in the Content Area II
 EDU 4432 Secondary Student Teaching (middle)
 EDU 4434 Secondary Student Teaching (high)
 Provide Certifying Scores on Praxis II
 PSY 1106 Contemporary Psychology
 PSY 3306 Adolescent Development & Behavior

ENGLISH WITH ELEMENTARY (1–6) TEACHER CERTIFICATION (105.5 HRS)

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. See Education Minor for more information.
 PSY 1106 Contemporary Psychology
 EDU 1111 Learning in a Diverse Society or EDU 1141 Teaching and Learning in a Diverse Society
 EDU 2015 Process and Acquisition of Reading (includes practicum)
 EDU 3324 Balanced Reading Instruction and Materials (includes practicum)
 EDU 3312 Teaching Science and Social Studies – Elementary School (includes practicum)
 EDU 3314 Teaching Elementary School Mathematics (includes practicum)
 EDU 4205 Assessment of Reading Instruction Professional Semester (12 hrs)
 EDU 4422 Elementary Student Teaching (primary/intermediate) (6 hrs)
 EDU 4424 Elementary Student Teaching (intermediate/middle) (6 hrs)
 SLM 3317 Children's Literature
 MAT 1106 Finite Mathematics (math proficiency must be passed)
 MAT 2241 Math for Elementary School Teachers (math proficiency must be passed)
 PSY 2207 Child Development

HIS 2227 Development of Modern America or
 HIS 2225 Colonial America, 1607–1763
 EPE 1043 Creative Rhythms and Dance
 (0.5 hr)
 EPE 1174 Fundamental Motor Skills (0.5 hr)

Strongly Recommended:

School-Based Internship (100 hrs) offered in
 January Term (2 hrs)

Recommended:

CSC 1104 Intro to Computer Science

**DUAL MAJOR: ENGLISH –
 COMMUNICATION (60 HRS)**

Take 1

ENG 2230 Beowulf to Mallory
 ENG 2231 Renaissance Literature

Take 1

ENG 2232 Enlightenment Literature
 ENG 2233 Romantics

Take 1

ENG 2234 Victorian Literature
 ENG 2270 20th-Century British Literature

Take 2

ENG 2241 Am Lit: Colonial & Romantic
 ENG 2242 Am Lit: Realism & Naturalism
 ENG 2243 Am Lit: Modern &
 Contemporary

Take 1

ENG/THE 3350 Shakespeare
 ENG 3360 Chaucer
 ENG 3363 Major Figures & Groups I
 (British)
 ENG 3364 Major Figures & Groups II
 (American)

Take 1

ENG 2250 Post-Colonial Literature
 ENG 2251 Literature by Women
 ENG 2252 Popular Literature
 ENG 2253 Southern Literature
 ENG 2254 Nature Writing
 ENG 2255 The Short Story Cycle
 ENG 2256 20th-Century American Poetry
 ENG 2258 African-American Literature
 ENG 2260 Horror Fiction
 ENG 2271 Contemporary British
 Literature
 CLT 2219 & 2220 Great Works – West
 World I & II
 COM 1102 Interpersonal Communication
 COM 1103 Mass Communication

COM 1110 Public Speaking
 COM 2202 Communication Research
 Methods

STA 2215 Elem. Statistics for Social Science

Three additional four-credit courses in com-
 munication at the 3000 level or above,
 exclusive of any internships, including at
 least one Capstone (senior seminar) course
 in English or Communication.

Contact: Dr. Panek, English

Dr. Meyer, Communication

**DUAL MAJOR: ENGLISH – HISTORY
 (56 HRS)**

Period Courses:

Take 1

ENG 2230 Beowulf to Mallory
 ENG 2231 Renaissance Literature

Take 1

ENG 2232 Enlightenment Literature
 ENG 2233 Romantics

Take 1

ENG 2234 Victorian
 ENG 2270 20th-Century British

Take 2

ENG 2241 Am Lit: Colonial & Romantic
 ENG 2242 Am Lit: Realism & Naturalism
 ENG 2243 Am Lit: Modern &
 Contemporary

Figure Course:

ENG/THE 3350 Shakespeare

Special Areas:

Take 1

ENG 2250 Post-Colonial Literature
 ENG 2251 Literature by Women
 ENG 2252 Popular Literature
 ENG 2253 Southern Literature
 ENG 2254 Nature Writing
 ENG 2255 Short Story Cycles
 ENG 2256 20th-Century American Poetry
 ENG 2258 African-American Literature
 ENG 2260 Horror Fiction
 ENG 2271 Contemporary British
 Literature
 CLT 2219/20 Great Works I & II
 HIS 1105 Western Civilization I: Origins –
 1700
 HIS 1106 Western Civilization II: 1700 –
 Present

Four upper-level courses in American or European History
 ENG 4492 Capstone – Senior Seminar or
 HIS 4492 Capstone – Senior Seminar

Contacts: Dr. Panek, English
Dr. T. Evergates, History

DUAL MAJOR: ENGLISH – POLITICAL SCIENCE (52 HRS)

Period Courses:

Take 1

ENG 2230 Beowulf to Mallory
 ENG 2231 Renaissance

Take 1

ENG 2232 Enlightenment Literature
 ENG 2233 Romanticism

Take 1

ENG 2234 Victorian
 ENG 2270 20th-Century British

Take 2

ENG 2241 American Lit I: Colonial & Renaissance
 ENG 2242 American Lit II: Realism & Naturalism
 ENG 2243 American Lit III: Modern & Contemp.

Figure Course:

Take 1

ENG/THE 3350 Shakespeare
 ENG 3360 Chaucer
 ENG 3363 Major Figure British
 ENG 3364 Major Figure American

Special Areas:

Take 1

ENG 2250 Post-Colonial Literature
 ENG 2251 Literature by Women
 ENG 2252 Popular Literature
 ENG 2253 Southern Literature
 ENG 2254 Nature Writing
 ENG 2255 Short Story Cycles
 ENG 2256 20th-Century American Poetry
 ENG 2258 African-American Literature
 ENG 2260 Horror Fiction
 ENG 2271 Contemporary British Literature
 CLT 2219/20 Great Works I & II
 PSI 1101 Intro to Political Science
 PSI 1111 Early Western Political Thought
 or PSI 1112 Modern Western Political Thought

Three additional Political Science Courses
 PSI 4492 Senior Seminar – Capstone

Contacts: Dr. Panek, English
Dr. H. Smith, Political Sci. & International Studies

DUAL MAJOR: ENGLISH – THEATRE ARTS (58 HRS)

Take 1

ENG 2230 Beowulf to Mallory
 ENG 2231 Renaissance

Take 1

ENG 2232 Enlightenment Literature
 ENG 2233 Romanticism

Take 1

ENG 2234 Victorian
 ENG 2270 20th-Century British

Take 2

ENG 2241 American Lit. I: Colonial & Renaissance
 ENG 2242 American Lit. II: Realism & Naturalism
 ENG 2243 American Lit. III: Modern & Contemp.

Figure Course:

ENG/THE 3350 Shakespeare

Special Areas:

Take 1

ENG 2250 Post-Colonial Literature
 ENG 2251 Literature by Women
 ENG 2252 Popular Literature
 ENG 2253 Southern Literature
 ENG 2254 Nature Writing
 ENG 2255 Short Story Cycles
 ENG 2256 20th-Century American Poetry
 ENG 2258 African-American Literature
 ENG 2260 Horror Fiction
 ENG 2271 Contemporary British Literature
 CLT 2219 & 2220 Great Works I & II
 THE 1111 Stagecraft
 THE 1113 Acting or THE 1151 Acting: Creative Process
 THE 3392 Capstone – Drama Workshop

Two courses from:

CLT/THE 2225 Theatre of the Western World I
 CLT/THE 2226 Theatre of the Western World II
 CLT/THE 2227 Contemporary Theatre
 CCS/THE 2230 Performance & Culture

THE 2284 Modern American Drama
Two courses from:
THE 2241 Costume & Makeup Design
THE 2242 Lighting Design
THE 2243 Set Design
THE 2244 Theatre Management
THE 2245 Voice & Movement for the

Actor

THE 2246 Scene Study
THE 2247 Acting Styles
THE 3320 Directing
THE 3328 Playwriting

One course from (2 hrs):

THE 3330 Performance Lab
THE 3332 Production Lab
THE 3334 Management Lab
THE 3336 Directing Lab
THE 3338 Dramatology Lab
THE 3340 Playwriting Lab

Contact: Dr. Panek, English
Dr. R. Miller, Theatre

For more information contact the English
Department

English Course Descriptions (ENG)

First Year Seminars in English

1154 (FR) Historical Fiction

4 credits

How do imagination and history interact in the creation of historical fictions? What impulses lead authors to write historical fictions? What makes a historical fiction persuasive, convincing, compelling? Is it important that historical fictions be "accurate," and if so, accurate in what sense? Can a historical fiction re-write history? These overarching questions will form the backdrop of this course as we examine captivating historical fictions by authors such as Pat Barker, Margaret Atwood, and Tim O'Brien. We may also watch some historical films.

Humanities.

1157 (FR) Reading and Writing the Harlem Renaissance

4 credits

This course will explore in-depth the period in African-American social and cultural history known as the Harlem Renaissance. This was a

period (marshaled by the Great Migration) which witnessed a pivotal change in the arts and letters of the African-American. Focusing primarily on literature, we will explore other aspects of this artistic movement.

Humanities.

1158 (FR) The Outsider in American Society: A Literary Exploration

4 credits

This course will explore the concept of the "outsider" in American culture as represented in several late-19th and 20th century works of fiction. Through close reading, class discussion, and critical writing, class members will examine the many factors that may contribute to a literary character's alienation from mainstream society. Such individuals may be rejected by their communities by virtue of their gender, economic rank, age, race, sexual behavior, ethnic background, or immigrant/migrant status; others may choose their role as outsider because they oppose the values of their society. Novels under consideration include Crane's *Maggie: A Girl of the Streets*, Cather's *My Antonia*, Steinbeck's *The Grapes of Wrath*, Morrison's *The Bluest Eye*, and Tan's *The Joy Luck Club*.

Humanities.

1159 (FR) Horror in Fiction and Film

4 credits

An introductory investigation of the dark and popular world of horror fiction and film. Students examine why horror stories fascinate so many of us, paying special attention to how anxieties about sexuality, the unconscious mind, science, social injustice, and other topics get translated into horror texts.

Humanities.

1160 (FR) Journalism in the 21st Century: The Real Story

A wide-ranging examination of contemporary journalism through the eyes (and words) of a Pulitzer Prize-winning journalist/author, a collection of readings by and about journalists, and classroom visits by a variety of print and broadcast journalists.

Writing and Language.

1001 Writing Workshop

0 credits

A course designed for students who have not met the College's writing standards as established in English 1101 and the English Competence Examination. The course provides intensive instruction and practice in sentence and paragraph construction, correct mechanics and usage, and coherent and logical presentation in order to equip students to meet the College's writing standards.

1101 Composition and Reading I

4 credits

Instruction in how to write clear, correct, and effective expository prose; practice in careful, analytical reading of significant literature; training in research techniques.

1102 Composition and Reading II

4 credits

Instruction in how to write clear, correct, and effective expository prose; practice in careful, analytical reading of significant literature; training in research techniques.

Prerequisite: Passing the Writing Competence Test or concurrent enrollment in English 1001. Successful completion of English 1101/1105 and 1102 with acceptable writing competence satisfies the English Competence requirement.

1103 Introduction to Journalism

4 credits

A study of the news media in America, including how they work, their strengths, weaknesses, problems, and priorities with an emphasis on print journalism and journalists. Students also receive instruction in the art of news reporting and writing.

Prerequisite: ENG 1101.

1105 Composition and Reading I: Journalism Emphasis

4 credits

Instruction in how to write clear, correct, and effective journalistic prose; practice in careful, analytical reading of relevant non-fiction literature and training in newsgathering and research techniques.

Successful completion of English 1101/1105 and 1102 with acceptable writing competence satisfies the English Competence requirement. English 1101/1105 and 1102 or the

equivalent or permission of the instructor are prerequisites for all English courses numbered 2000 and above.

2204 Journalism II

4 credits

Advanced skills in news reporting and writing. Students learn and practice interviewing and other forms of news gathering and apply those methods in a variety of news and feature stories. *Prerequisite: English 1103 or 2203.*

2205 Media Ethics

4 credits

An examination of the various ethical dilemmas that confront members of the news media, including conflict of interest, "freebies," invasion of privacy, reporter-source problems, advertiser and corporate pressures, and the use of deception to gather news. Students analyze and debate actual ethical quandaries and attempt to find workable solutions.

2206 Creative Writing-Poetry

4 credits

A workshop in poetry writing. Students will read modern and contemporary poetry by such authors as Elizabeth Bishop, Robert Lowell, Philip Levine, Sharon Olds, and Robert Hayden. Student poems will be critiqued weekly in the class workshop.

2207 Creative Writing-Fiction

4 credits

A workshop in writing short fiction. Class discussion focuses on student writing and stories by recognized contemporary authors.

2208 Advanced Composition

4 credits

Designed to assist writers in making their prose more sophisticated and interesting to read. Students write a series of non-fiction essays on topics personal or general, which workshops and revisions polish and refine.

2210 Media and Politics

4 credits

Examination of the "symbiotic" relationship between the news media and public officials in America. Special emphasis is placed on the interplay between the press and presidency and between the press and Congress. Cross-listed with Political Science 2210.

2211 Grammar and Usage

4 credits

An overview of the structure of the English language, introducing the discipline of grammatical analysis. Students encounter both traditional grammar and more recent linguistic approaches and consider some current problems in the teaching of grammar in the schools.

2212 Professional Communication

4 credits

An opportunity for students to practice and think critically about communication in the workplace. Assignments will focus on writing forms and topics suitable for students' fields of major interest. Students will complete individual and collaborative projects designed to help them write clearly and effectively for audiences both within their professions and outside of them. Particular emphasis will be placed on electronic communication forms.

3306 Approaches to the Study of Language

4 credits

An introduction to the principles and methods of linguistics, the social science that treats language, with particular emphasis on productive uses of linguistics in the humanities. Students are encouraged to see linguistics as an evolving tradition of analysis, rather than a unified and complete system that arose full-blown. Humanities.

Cross-listed with Communication 3306.

Period Courses:

English 1101/1105 and 1102 or the equivalent or permission of the instructor are prerequisites for all English courses numbered 2000 and above.

2230 Beowulf to Mallory

4 credits

A survey of the major works of English literature from the 7th to the early 16th century, with attention given to their artistry and the ways in which the works reflect the cultures from which they arose. In addition to Beowulf, students explore works by Chaucer, the Gawain poet, and others. Humanities.

Offered 2002–2003 and alternate years.

2231 Renaissance Literature

4 credits

A survey of English poetry and prose from 1530 to 1660 with attention to the development of a national literature, to the discovery of new forms of poetry and prose, and to the recurrence of significant themes. Among others, students consider the works of More, Sidney, Wyatt, Spenser, Donne, and Milton. Humanities.

Offered in 2001–2002 and alternate years.

2232 Enlightenment Literature

4 credits

An exploration of the diverse body of literature produced from 1660 to 1819. It begins with the writings of Locke, Newton, and others who shaped the thinking of the period and proceeds to the works of significant literary figures such as Dryden, Pope, Behn, Swift, Johnson, Walpole, Richardson, Austen, and others. Humanities.

Offered in 2002–2003 and in alternate years.

2233 Romantics

4 credits

A survey of the revolutionary literature of the late 18th and early 19th century "Romantic" movement in England. Students will explore Romantic poetry and prose in its historical context, beginning by examining how writers both perpetuate and rebel against Enlightenment ideas, and ending by considering how their legacy is felt today. Authors studied include Godwin, Wollstonecraft, Blake, Wordsworth, Coleridge, Mary Shelly, P.B. Shelly, and Keats. Humanities.

Offered in 2002–2003 and in alternate years.

2234 Victorian Literature

4 credits

A survey of the major literary and historical developments of the Victorian period. Authors covered will include a selection from the following: Charlotte Bronte, Emily Bronte, Dickens, Elliot, Thackeray, Tennyson, Robert Browning, Elizabeth Barrett Browning, Hopkins, and Wilde. Humanities.

Offered in 2002–2003 and in alternate years.

2241 American Literature: Colonial and Romantic

4 credits

A survey of American literature from its inception to the Civil War. Students explore the social, intellectual, and historical context of writers such as Franklin, Jefferson, Emerson, Thoreau, Hawthorne, Poe, and others. Humanities.

Offered in 2002-2003 and in alternating years.

2242 American Literature: Realism and Naturalism

4 credits

A survey of American literature from the Civil War to World War I. Students explore social, intellectual, and historical contexts of writers such as Whitman, Dickinson, Freeman, Jewett, Twain, James, Gilman, Chopin, Crane, Norris, Wharton, Dreiser, and Cather. Humanities.

Offered in 2002-2003 and in alternating years.

2243 American Literature: Modern and Contemporary.

4 credits

A survey of American literature from World War I to the present. Students explore social, intellectual, and historical contexts of writers such as Frost, Eliot, Stevens, Fitzgerald, Faulkner, Hughes, Welty, O'Connor and Walker. Humanities.

Offered in 2002-2003 and in alternating years.

2270 Twentieth Century British Literature

4 credits

A study of the direction that British literature took in the first four decades of the 20th century. Authors will include Conrad, Lawrence, Joyce, Woolf, Hardy, Eliot, and Yeats. Students will examine technical innovations such as stream of consciousness and fragmentation. Discussion of the impact of Freud and the Great War on England's psyche will also be a focus of studies. Humanities.

Offered in 2001-2002 and in alternate years.

Special Topic Courses

English 1101/1105 and 1102 or the equivalent or permission of the instructor is prerequisite for all English courses numbered 2000 and above.

2250 Post-Colonial Literature

4 credits

An exploration of literature written in English by people of the variety of races and cultures that once were part of the British Empire. Works covered reflect and represent their experiences and creative genius. Writers studied include Conrad, Rushdie, and Chinua Achebe. Humanities and Cross Cultural Studies. Offered in 2001-2002 and in alternate years.

2251 Literature by Women

4 credits

A survey of literature written by women, including poetry, prose, drama, and non-fiction. Students examine selected works that explore women's evolving roles in society and the many facets of women's unique position, experience, and perspective on the world. Humanities.

Offered in 2002-2003 and in alternate years.

2252 Popular Literature

4 credits

An examination of the literary and cultural significance of a number of sub-genres of popular literature, including the detective story, spy story, western, science fiction, fantasy, love romance, and other popular forms. Writers covered include Conan Doyle, Hammett, Christie, Fleming, Wells, and Burroughs. Humanities. Offered as needed.

2253 Southern Literature

4 credits

An examination of regional literature of the American South. Students examine the emergence and persistence of themes such as miscegenation, misogyny, racism, incest, the grotesque, and the power of the past. Writers covered include Angelou, Faulkner, O'Connor, Warren, Walker, Hurston, and Porter. Humanities. Offered as needed.

2254 Nature Writing

A consideration of various responses to the natural world and the ways in which writers have described their encounters with it. Students focus on creative non-fiction by writers such as Thoreau and John Muir. They also have the opportunity to produce their own creative non-fiction responses to wild nature. Humanities.
Offered as needed.

2255 The Short Story Cycle

4 credits
An examination of the literary genre of the short story cycle, a novel-length grouping of inter-related stories linked by character, setting, and theme. Typical American examples include Anderson's *Winesburg, Ohio*; Faulkner's *Go Down, Moses*; Welty's *The Golden Apples*; and Tan's *The Joy Luck Club*. Humanities.
Offered as needed.

2256 20th Century American Poetry

4 credits
An examination of significant American poetry of the 20th century. Poets covered will include Masters, Williams, Stevens, Plath, Ginsberg, Baraka, Hughes, Rich, Sexton, and Moore. Humanities.
Offered as needed.

2258 African-American Literature

4 credits
An examination of the African-American oral and written literary legacy which traces its history as a distinct literary tradition and as an important part of the dominant American literary tradition. Students examine and discuss poetry, plays, short stories, essays, and novels from all literary periods. Humanities
Offered in 2002-2003 and in alternate years.

2260 Horror Fiction

4 credits
An investigation of the dark and popular world of horror fiction, with special emphasis on the Gothic tradition within British and American literature since 1764. Students examine and discuss why horror stories fascinate, and how anxieties about sexuality, the unconscious mind, scientific discoveries, social injustice, and other topics are translated

into the horror literature we read. Humanities.
Offered as needed.

2271 Contemporary British Literature

4 credits
An introduction to British literature from the 1950s to the present. With a focus on topics including humor, politics, nostalgia, nihilism, and multiculturalism, students examine Booker and Whitbread prize-winning authors such as Murdoch, Rushdie, Ishiguro, Baker, Bryant, Lodge, and Winterson, as well as a selection of poetry and contemporary British films. Humanities.
Offered as needed.

Novel Courses
English 1101/1105 and 1102 or the equivalent or permission of the instructor are prerequisites for all English courses numbered 2000 and above.

3341 British Novel I

4 credits
A survey of the British novel from its beginnings in the 17th century through the 18th century and romantic periods. Students address the social, intellectual, and historical contexts of significant works as well as the themes and developing form of the novel. Humanities.
Offered in 2002-2003 and in alternating years.

3342 British Novel II

4 credits
A survey of the British novel from the Victorian era to the present day. Students address the social, intellectual, and historical contexts of significant works as well as the themes and continuing development of the form of the novel. Humanities.
Offered in 2001-2002 and in alternating years.

3343 American Novel

4 credits
A survey of American novels from its inception, Brockden Brown's *Wieland*, to the present day. Topics addressed include social, intellectual, and historical contexts as well as theme and the developing form of the novel. Humanities.
Offered 2002-2003 and in alternating years.

Figure Courses

English 1101/1105 and 1102 or the equivalent or permission of the instructor are prerequisites for all English courses numbered 2000 and above.

3350 Shakespeare

4 credits

A survey of Shakespeare's major poetic and dramatic works. In addition to background on Shakespeare's life and the Elizabethan theater, the early portion of the course covers the narrative poem "Venus and Adonis" and the Sonnets. The remainder of the course is dedicated to the study of major comedies from *Love's Labors Lost* to *The Tempest*, history plays from *Richard II* to *Henry V*, and the major tragedies.

Humanities.

Cross-listed with Theatre Arts 3350.

3360 Chaucer

4 credits

An examination of *The Canterbury Tales*, *Troilus and Criseyde*, and the minor poems as well as focus on the influence of continental authors on Chaucer's works.

Humanities

Offered in 2002-2003 and in alternate years.

3363 Major Figures and Groups I (British)

4 credits

An intensive study of the work of a major British writer or related group of writers.

Humanities.

3364 Major Figures and Groups II (American)

4 credits

An intensive study of the work of a major American writer or related group of writers.

Humanities.

Senior Seminar, Independent Studies, and Internships

English 1101/1105 and 1102 or the equivalent or permission of the instructor are prerequisites for all English courses numbered 2000 and above.

2295; 2296; 3395; 3396; 4495; 4496 Internship in English

0-4 credits

Supervised field experiences in appropriate

settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499 Independent Studies in English

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

4492 Senior Seminar

4 credits

The Capstone to the English major emphasizes techniques and methods of literary criticism. Seniors explore a different theme, genre, or topic each semester, and prepare a major paper.

Exercise Science and Physical Education

Professors J.R. Carpenter, Fritz, and Ober (Department Chair); Assistant Professors McCole and Owens; Coach/Lecturers Dull, Easterday, Lachman, Manolovich, Martin, Molloy, Nibbelink, Renner, Reitenbach, and Seibert.

Areas of particular teaching interest:

Professor Carpenter: sport psychology and sport sociology; Professor Fritz: coaching/sport administration; Professor McCole: exercise physiology; Professor Ober: sport history and biomechanics; Professor Owens: pedagogy and teacher certification.

A basic liberal arts major in Exercise Science and Physical Education is available, providing the student with a broad base of instruction in the discipline, yet still allowing enough time to take elective courses in other departments.

Beyond the basic major, a variety of options pointed toward careers in specific professional areas of exercise science and physical education such as teaching certification in elementary-secondary school physical education. (This K-12 certification program is approved by the Maryland State Department of Education.)

Coaching, sports medicine, sports management, health and leisure industries, and graduate school preparation are available. In addition, students with more diversified career interests may build on the basic major consistent with their objectives.

Other Educational Options in Exercise Science and Physical Education:

Minors are offered in athletic training, outdoor education, sports coaching, sports journalism, sports management, and sports science. A dual major is offered with the chemistry department.

Activity

The College requires that each student demonstrate competence in activities that fall into two broad categories: fitness (courses numbered 1002-1055, 1141-1155, and skill activities (all other activities). Of the four activity competencies required, at least one must be from each category. This requirement may be satisfied by demonstration of competence, by participation on intercollegiate sports teams, or by successfully completing courses chosen from those offered.

Many of the activity courses listed will be offered each semester. A list of specific courses to be offered in a particular semester is provided at the time of registration.

Students who satisfy all or part of the physical education requirement through certification, testing or athletic participation may not enroll for credit in any activity in which competency has been demonstrated. A student may not receive credit twice for the same activity.

The College accepts no financial responsibility for injuries resulting from participation in physical education activities.

The course offerings of the Department of Exercise Science and Physical Education fall into two categories:

Activity courses give students a wide variety of fitness and skill experiences. Canoeing, skiing, backpacking, weight training, and step aerobics are among the varied offerings from which students may choose. The College requires that each student demonstrate proficiency in activities that fall into two categories: fitness or skill. Of the four activity proficiencies required, at least one must be from each category.

Theory courses are designed to meet the need of those students with an interest in exercise science and physical education as an academic discipline. Non-majors will find that some of these courses may add depth to their chosen major field of study to enhance career opportunities.

Majors and non-majors alike may also want to fulfill one or more of the minors (see list and requirements below) to enhance their educational and career goals.

BASIC MAJOR (39-43 HRS)

- EPE 1211 Hist & Phil of Phys Ed & Sport
- EPE 1245 Sport in American Society
- EPE 2230 Biomechanics & Applied Anatomy
- EPE 2240 Sport Behavior
- EPE 3222 Physiology of Exercise
- EPE 4492 Senior Seminar in EPE – Capstone (1 hr)
- Four activities beyond BLAR
- BIO 1111 Principles of Biology I
- BIO 2211 Human Physiology
- CHE 1121 Essentials of Gen., Org., & Biochem. or CHE 1101 Intro Chem I: Structure & Bonding and/or CHE 1102 Intro Chem II: Chemical Reactivity
- PSY 1106 Contemporary Psychology

Suggested First Semester Schedule

- EPE 1211 Hist & Phil of Physical Educ & Sport or EPE 1245 Sport in American Society (First-year Seminar)
- ENG 1101 Composition & Reading I
- Language 1101 or 1103 Elementary level For. Lang.
- PSY 1106 Contemporary Psychology or BLAR (Heritage Sequence/Humanities/Global Perspective)

MINOR IN ATHLETIC TRAINING (25 HRS)

- EPE 1141 Fund. Of Exercise & Conditioning (1 hr)
- EPE 2225 Prevention & Care of Athletic Injuries
- EPE 3306 Advanced Athletic Training
- EPE 3307 Practicum in Athletic Training
- EPE 3325 Nutrition
- BIO 3324 Comparative Anat. of Vertebrates
- One course from:

EPE 2215 Adapted Physical Education
EPE 2238 Sport Coaching & Management

Contact: Dr. Ober, Exercise Science & Phys Ed.

MINOR IN OUTDOOR EDUCATION (26 HRS)

EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching & Learning in a
Diverse Society

EPE 1211 Hist. & Phil. of Physical Educ. &
Sport

EPE 2215 Adapted Physical Education

EPE 2234 Curriculum Models in Elem. P.E.

EPE 3398 Independent Studies in EPE

Outdoor Education Practicum (January Term)
(2 hours)

At least six activities from:

EPE 1018 Orienteering

EPE 1043 Creative Rhythms & Dance

EPE 1067 Archery

EPE 1068 Backpacking

EPE 1073 Casting

EPE 1074 Canoeing

EPE 1078 Kayaking

EPE 1082 Rappelling or EPE 1083 Rock
Climbing

EPE 1176 Lifeguarding or EPE 1178
Water Safety Instructor

Contact: Dr. Ober, Exercise Science & Phys Ed.

MINOR IN SPORTS COACHING (25 HRS)

EPE 1141 Fund. of Exercise & Conditioning
(1 hr)/Non-EPE Majors

EPE 1245 Sport in American Society

EPE 2225 Prevention & Care of Athletic
Injuries

EPE 2238 Sports Coaching & Management

EPE 2240 Sport Behavior

PSY 1106 Contemporary Psychology

PSY 2207 Child Development or PSY 2209
Child & Adolescent Development

Contact: Dr. Ober, Exercise Science & Phys Ed.

MINOR IN SPORTS JOURNALISM (24 HRS)

EPE 1245 Sport in American Society

EPE 2238 Sports Coaching & Management

ENG 2203 Introduction to Journalism

ENG 2204 Journalism II

EPE 2295 Internship in EPE or ENG 2295
Internship in ENG

One course from:

COM 1102 Interpersonal Comm.

COM 1103 Mass Comm.

COM 1110 Public Speaking

ENG 2205 Media Ethics

EPE 3345 American Sports Novel

Contact: Dr. Ober, Exercise Science & Phys Ed.

MINOR IN SPORTS MANAGEMENT (24 HRS)

EPE 1245 Sport in American Society

EPE 2238 Sports Coaching & Management

EPE 3398 Independent Studies in EPE

Three courses from:

BUA 1101 Principles of Accounting

BUA 2205 Legal Environment of Business
or BUA 2209 Prin. of Marketing

BUA/PHI 2210 Ethics & Business

PSI 2202 State & Local Gov.

Contact: Dr. Ober, Exercise Science & Phys Ed.

MINOR IN SPORT SCIENCE (24 HRS)

BIO 1111 Principles of Bio I

BIO 2211 Human Physiology

CHE 1121 Essentials of Gen., Org., &

Biochem. or CHE 1101 Intro Chem I:

Struc. & Bonding and CHE 1102 Intro

Chem II: Chemical Reactivity

Two courses from:

EPE 1245 Sport in American Society

EPE 2230 Biomechanics & Applied Anat.

EPE 2240 Sport Behavior

EPE 3222 Physiology of Exercise

EPE 3325 Nutrition

One course from:

CHE 2217 Organic Chem I

PHY 1101 General Physics I

PSY 2201 Psych of Learning

PSY 2202 Behavior Modification

PSY 3303 Psych of Personality

PSY 3308 Psych of the Exceptional Child

Contact: Dr. Ober, Exercise Science & Phys Ed.

PHYSICAL EDUCATION WITH ELEMENTARY AND SECONDARY TEACHER CERTIFICATION (96 HRS)

Course requirements for the education minor

are subject to changes reflecting State of Maryland certification regulations.

Basic Major in Exercise Science and Physical Education plus:

EPE 2215 Adapted Physical Education

EPE 2225 Prevention & Care of Athletic Injuries

EPE 2234 Curriculum Models in Elem P.E.

EPE 1002 Fencing

EPE 1006 Fundamentals of Gymnastics

EPE 1016 Weight Training

EPE 1043 Creative Rhythms & Dance

EPE 1039 Basic Aerobics or EPE 1045 Square & Western Dance or EPE 1047 Folk/Social Dance

EPE 1067 Archery

EPE 1069 Badminton

EPE 1077 Golf

EPE 1089 Tennis

Two courses from:

EPE 1076 Field Hockey

EPE 1079 Lacrosse

EPE 1086 Soccer/Speedball

EPE 1087 Softball

EPE 1091 Volleyball

EPE 1092 Wallyball

PSY 1106 Contemporary Psychology

PSY 2209 Child & Adolescent

Development

EDU 1111 Learning in a Diverse Society or

EDU 1141 Teaching & Learning in a Diverse Society

EDU 2240 Planning & Evaluating Instruction

Provide Certifying Scores on Praxis I

EDU 3348 Teaching Methods in Phys Ed

EDU 4417 Reading in the Content Areas I

Student Teaching Semester:

EDU 4418 Reading in the Content Area II

EDU 4422 Student Teaching K-6

EDU 4424 Student Teaching 7-12

Provide Certifying Scores on Praxis II

Contact: Dr. Owens, Exercise Science & Phys Ed.

MODEL SCHEDULE (K-12 CERTIFICATION, MARYLAND)

Semester I

ENG 1101

Foreign Lang 1101

PSY 1106/BLAR

EPE 1211 or 1245

(Fr. Sem.) EPE 1070 or 1043 or 1006

Semester II

BLAR/EPE 1245/EDU 1141

ENG 1102

Foreign Lang 1102

CHE 1121*

EPE Activity (2)

Semester III

BIO 1111

EPE 1211/BLAR

EDU 1111

EPE 2234/BLAR

EPE Activity (1-2)

Semester IV

BIO 2211

EPE 2215

PSY 2209

EDU 2240

EPE Activity (2)

Semester V

EPE 3222

EPE 2225

PSY 2209/BLAR

BLAR (Heritage)

EPE Activity (2)

Semester VI

EPE 2230

EPE 1245/BLAR (Heritage)

EDU 3348

EDU 4417

EPE Activity (1-2)

Semester VII

EPE 2240

EPE 1245/BLAR

Elective

Elective

EPE Activity (1-2)

EPE 4492 Capstone – Senior Seminar in
EPE

Plus 1 January Term

Semester VIII

EDU 4418

EDU 4422

EDU 4424

**The prerequisite for this course is the passing of both parts of the math proficiency requirement.*

DUAL MAJOR: EXERCISE SCIENCE – CHEMISTRY (EXERCISE CHEMISTRY) (50 HRS)

This dual major is intended to serve the needs and interests of those students who wish to concentrate their studies in the field of exercise science. When you finish this major, you will be well prepared for further study in Biomechanics, Physiology, or the health professions. You should have an adviser in both the Exercise Science and Physical Education and Chemistry departments.

Required:

- EPE 2230 Biomechanics & Applied Anatomy
- EPE 3222 Physiology of Exercise
- EPE 3325 Nutrition
- CHE 1101 Intro Chem I: Structure & Bonding
- CHE 1102 Intro Chem II: Chemical Reactivity
- CHE 2201 Elec Lit Searching for Chem Sci (1 hr.)
- CHE 2217 Organic Chemistry I
- CHE 2218 Organic Chemistry II
- CHE 3321 Biochemistry I
- CHE 4492 Capstone – Chemistry Seminar (1 hr.)
- BIO 1111 Principles of Biology I
- BIO 2211 Human Physiology or BIO 3316 Animal Physiology
- MAT 1117 Calculus I
- PHY 1101 General Physics I

Recommended:

- CHE 2210 Physical Chem for the Life Sciences or CHE/PHY 3315 Thermodynamics & Equilibria
- CHE 3322 Biochemistry II
- BIO 1112 Principles of Biology II
- BIO 3324 Comparative Anat of Invertebrates
- MAT 1118 Calculus II
- PHY 1102 General Physics II

*Contacts: Dr. Ober, Exercise Science and Physical Education
Dr. Herlocker, Chemistry*

Exercise Science and Physical Education Course Descriptions (EPE)

Physical Education Activity

0.5 credit

Instruction in the fundamental skills and basic knowledge of the activity named.

Each activity meets approximately 15 hours and carries 0.5 semester hour credit.

Fitness Activities

- 1002 Fencing
- 1003 Judo
- 1005 Wrestling
- 1006 Gymnastics
- 1008 Karate
- 1016 Weight Training
- 1017 Water Aerobics
- 1018 Orienteering
- 1020 Jogging
- 1031 Ballet
- 1033 Modern Dance
- 1035 Jazz Dance
- 1037 Tap Dance
- 1039 Basic Aerobics
- 1041 Step Aerobics
- 1043 Creative Rhythms & Dance
- 1045 Square & Western Dance
- 1047 Folk/Social Dance
- 1055 Special Topics in Fitness Activities
- Skill Activities
- 1066 Special Topics in Skill Activities
- 1067 Archery
- 1068 Backpacking
- 1069 Badminton
- 1070 Fundamental Motor Skills
- 1071 Basketball
- 1072 Bowling
- 1073 Casting
- 1074 Canoeing
- 1076 Field Hockey
- 1077 Golf
- 1078 Kayaking
- 1079 Lacrosse
- 1081 Racquetball
- 1082 Rappelling
- 1083 Rock Climbing
- 1084 Skiing
- 1086 Soccer/Speedball
- 1087 Softball
- 1088 Team Handball
- 1089 Tennis
- 1091 Volleyball
- 1092 Wallyball

Each of the following activities meets approximately 30 hours per semester and carries one-semester-hour credit (except for 1176 and 1178).

Fitness Activities

1141 Fundamentals of Exercise and Conditioning

1 credit

The development and analysis of various exercise and conditioning programs including personalized fitness assessment and planning, exercise selection, weight training, and aerobic activities.

1149 Marathonning

1 credit

1155 Special Topics In Fitness Activities

1 credit

Skill Activities

1166 Special Topics in Skill Activities

1 credit

1170 Scuba Diving

1 credit

1176 Lifeguarding

2 credits

Principles, techniques, and skills of aquatic lifeguarding. Students must also complete or have completed standard First Aid and Adult CPR programs prior to the conclusion of the course to qualify for American Red Cross lifeguard certification.

Prerequisite: demonstrated swimming competency.

1178 Water Safety Instructor

2 credits

Principles, techniques, and skills of aquatic instruction leading to American Red Cross WSI certification. WSI certification qualifies individuals to instruct American Red Cross swimming progression courses—IPAP, LWT, BWS, and EWS.

Prerequisite: Exercise Science and Physical Education 1176 or the equivalent.

Theory.

1185 Contemporary Health Issues

4 credits

An examination of current health issues confronting the individual and society. The emphasis is on analyzing health behavior and influencing attitudes. Topics include wellness concepts, stress, socially transmitted diseases, consumer health, substance abuse, and aging.

1211 History and Philosophy of Physical Education and Sport

4 credits

The historical and philosophical development

of physical education and sport from ancient civilizations to the present era. Areas covered include cultures, leaders, events, programs, and guiding thoughts that have evolved into the current status of the academic discipline and the physical education profession as well as closely allied fields.

Humanities.

1245 Sport in American Society

4 credits

The examination of sport and its relationship to the many facets of American society.

Included are explorations of the structure and role of sport and its participants. Various dimensions of sport and society – religious, political, economic, language and literature, song, and art – are also considered.

Humanities.

2215 Adapted Physical Education

4 credits

Organization of developmental, remedial, atypical, and programs for people with disabilities with an emphasis on the special competencies needed to deliver quality physical education programs to special populations. Consideration is given to legal and administrative aspects of service delivery; assessment of individuals; program planning and IEP preparation; specialized instructional techniques and teaching strategies; and modification of activities, materials, equipment, and facilities. Extensive field work is required.

2225 Prevention and Care of Athletic Injuries

4 credits

Prevention, care, and management of injuries associated with physical activity and medical emergencies. Topics considered include basic human anatomy, recognition, and evaluation of injuries. Support measures such as wrapping and taping of various areas of the body are emphasized. CPR certification is an important component.

2230 Biomechanics and Applied Anatomy

4 credits

An integrated study of forces produced by and acting on the human body involved in the performance of physical activity. Attention is given to mechanical considerations and skill

applications. Special emphasis is placed on the study of human anatomy, particularly the skeletal and muscular systems and their function. *Prerequisites: Mathematics 1001 or passing Arithmetic Proficiency Exam, Mathematics 1002 or passing Algebra Proficiency Exam. Natural Science and Mathematics.*

2234 Curriculum Models in Elementary Physical Education

4 credits

This lecture/laboratory course will focus on movement content for the elementary school child with a particular emphasis on skill theme development. Concepts of Laban's movement framework will be supported through the content of educational games, dance, and gymnastics. Special attention will be paid to classroom management and the selection of teaching strategies which suit a wide variety of classroom settings. A theory-into-practice model of learning to teaching elementary physical education will be implemented by field work at a local public elementary school.

Prerequisites: Exercise Science and Physical Education 1006, 1043, 1070 or permission of the instructor.

2238 Principles of Sports Coaching and Sports Management

4 credits

This course is designed as an overview in the preparation of coaches and athletics administrators. The focus is on principles and practices for effective coaching and sports management. Topics will include but are not limited to the following: philosophy, contest management, team selection, scheduling, fiscal management, purchasing criteria, legal concerns, support staff, support groups, and the media.

2240 Sport Behavior

4 credits

The use of psychological principles to describe, explain, predict, and change human behavior within the framework of sport, motor learning, and motor development situations.

Prerequisite: Psychology 1106.

3222 Physiology of Exercise

4 credits

A study of the physiological principles governing physical activity. Energy sources,

training and conditioning, ergogenic aids, diet, and other pertinent topics are considered through classroom instruction and laboratory experiences.

Prerequisite: Biology 2211 or 3316.

3234 Curriculum Models in Secondary Physical Education

4 credits

Examination of the relationships between curriculum planning and instructional design as implemented in secondary concept-based physical education curriculum approaches. Students are encouraged to synthesize theoretical and clinical knowledge to develop a problem-based learning (PBL) approach to curricular decision making as applied to secondary public school settings.

Prerequisites: EDU 2240, EPE 2234 or permission of the instructor.

3306 Advanced Athletic Training

4 credits

Advanced principles of athletic training including etiology, indications, evaluation, management, and rehabilitation of complex athletic injuries along with the administration of athletic training programs and facilities. Emphasis is on human anatomy, recognition of injuries, rehabilitation theory, theory and use of modalities, and the relationships among the health care professions.

Prerequisite: Exercise Science and Physical Education 2225.

3307 Practicum in Athletic Training

4 credits

Practical experience and extensive field work in athletic training.

Prerequisite: Exercise Science and Physical Education 2225.

3325 Nutrition

4 credits

A study of the nutritional needs of humans throughout the lifespan. Topics include energy nutrients, vitamins, minerals, recommended dietary allowances, and weight control. Fad diets, nutritional supplementation, and the world's food supply are also examined.

Prerequisite: Mathematics 1001 or passing Arithmetic Proficiency Exams.

Natural Science and Mathematics.

3345 American Sports Novel

4 credits

A study of the sports novel as a special type in American literary expression. Major themes, style, characterization, role of the sports hero, sports myth and legend, and symbolism are considered.

Humanities.

4492 Senior Seminar in Exercise Science and Physical Education

1 credit

Presentation that synthesizes learning from earlier course work or curricular experiences such as student teaching or an athletic training internship. Required of all senior majors.

2265; 2266; 3365; 3366 Special Topics in Exercise Science and Physical Education

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396 Internship in Exercise Science and Physical Education

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399 Independent Studies In Exercise Science and Physical Education

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Foreign Languages

Professors Deveny and Motard-Noar (Department Chair), Associate Professors Esa, D. Evergates, Henriette, and Williams.

Areas of particular teaching interest:

Professor Deveny: Golden Age Spanish literature, Spanish cinema; Professor Evergates:

Greek, Latin; Professor Henriette: Renaissance and 18th century French literature; Professor Motard-Noar: 19th and 20th century French literature; Professor Williams: 19th and 20th century peninsular literature, Latin American literature; Professor Esa: German, German Women Writers, Innovative Teaching Methods, Novellas, Proverbs and Idioms.

The study of Foreign Languages is becoming increasingly important in today's world. Proficiency in another language allows you to better appreciate both other cultures and his/her own, and is the cornerstone of a liberal arts education. It also provides a competitive edge when seeking employment after graduation, since more and more businesses and professions seek personnel with knowledge of a second language. If applying for graduate school, you will probably need a minimum level of proficiency in at least one language. Our program in foreign languages thus reflects the faculty's commitment to serve two different but complementary needs. It prepares those who choose to study foreign languages and literatures as their primary field, as well as those who wish to use a foreign language as a skill to be applied in another area such as education, economics, business, international studies, or history. The department offers advanced courses which meet the needs of both groups. The department has had an outstanding record of graduate school placement; graduates have gone on to some of the best programs available both as majors in a language field and in other fields where a second language is a necessity. WMC students have won Fulbrights, national competitive awards such as that of the Alliance Française, and have gone abroad to serve in the Peace Corps, studied in France, Austria, Spain and Germany, and found jobs in a variety of different contexts.

Recognizing that the study of language is essential to liberal arts education, the department is committed to the goal of providing a sequence of courses leading to competence in a foreign language. Concentration in a language may take the form of a major, thus preparing a student for graduate work in the field, or it may be combined with education courses for secondary school teaching (middle/high school). Competence in a foreign language is

increasingly important in other fields as well and provides a desirable dual major in combination with areas such as economics/business administration, history, and political science.

Several opportunities to enrich the academic program are provided both on and off campus. Students are encouraged to explore the opportunities for the language houses in the affinity housing program, to participate in language clubs, and to take advantage of the many special events such as film series, and social activities which focus on foreign cultures. The department requires students majoring in foreign languages either to live in language housing on campus for one year or to live abroad for one semester.

January Term trips provide short-term study tours of major French-, Spanish-, or German-speaking countries. The College also grants full academic credit for a number of programs that sponsor a summer, a semester, or a year abroad. Information on such programs is available from the Study Abroad Adviser.

Other Educational Options in Foreign Languages:

Dual majors with another language, Business Administration, Economics, History, or Political Science; Secondary Teacher Certification (middle/high school). The department also offers minors in each of the major languages. Only one course in English may count toward the minor.

A student may elect a major in French, German, or Spanish; courses in Greek or Latin may count toward a minor in Classical Civilization.

Up to 12 credits may be waived toward a major or minor in a foreign language through the College-administered placement examination, which is taken before beginning classes as a first-year student.

MAJOR IN FRENCH (40 HRS)

FRE 1101 Elementary French
 FRE 1102 Elementary French
 or for both FRE 1103 Advanced Elem. French
 FRE/CCS 1123 The French Speaking World or
 FRE 1131 Culture of France
 FRE 2211 The Francophone World and the Media
 FRE 2212 France and the European Community or any other FRE 2000-level course

FRE 3301 Intro to the Study of French Lit I
 FRE 3302 Intro to the Study of French Lit II
 FRE 3320 French/English Translation or any other FRE-3000 level course
 FRE 4410 Adv. Studies in French – Capstone (4410 must be taken at the College)

One additional French course

One semester spent studying abroad or one year in residence in a language house on campus

Suggested First-Year Schedule:

FRE 1101-1102 or 1103; or FRE 2211-2212, depending upon placement (or any FRE 2000-level course)

MINOR IN FRENCH (24 HRS)

FRE 1101 Elementary French
 FRE 1102 Elementary French
 Or for both FRE 1103 Advanced Elem. French
 FRE 1102 Elementary French
 FRE 2211 The Francophone World and the Media
 FRE 2212 France and the European Community or any other FRE 2000-level course
 FRE/CCS 1123 The French Speaking World or
 FRE 1131 Culture of France
 At least one 3000-level French course

FRENCH WITH SECONDARY (7-12) TEACHER CERTIFICATION (76 HRS)

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. (See education section)
 Basic Major in French
 EDU 1111 Learning in a Diverse Society or
 EDU 1141 Teaching & Learning in a Diverse Society

PSY 1106 Contemporary Psychology
 PSY 3306 Adolescent Behavior and Development
 EDU 2240 Planning & Eval Instruction
 Provide Certifying Scores on Praxis I
 EDU 3343 Methodology in Foreign Language
 EDU 4417 Reading in the Content Area I
Semester in Education:
 EDU 4418 Reading in the Content Area II
 EDU 4432 Secondary Student Teaching (middle)

EDU 4434 Secondary Student Teaching (high)
Provide Certifying Scores on Praxis II

Recommended:

CSC 1104 Intro to Computer Science

MAJOR IN GERMAN (40 HRS)

GER 1101 Elementary German I

GER 1102 Elementary German II

or for both GER 1103 Advanced Elem.

German

GER 1111 German Cinema

or GER 1125 From the Holocaust to
German Reunification

or GER 1131 Culture of German-Speaking
Countries

or GER 2231 German Women in
Literature & Society

GER 2211 Interim. Ger I: Language and
Culture

GER 2212 Interim. Ger II: Conversation and
Composition

or any other German 2000-level course

GER 3301 Intro to the Study of German
Literature I

GER 3302 Intro to the Study of German
Literature II

GER 3320 German/English Translation or any
other German 3000-level course

GER 4410 Capstone – Advanced Studies in
German (4410 must be taken at the
College)

One additional German course

One semester spent studying abroad or one
year in residence in a language house on
campus

Suggested First-Year Schedule:

GER 1101-1102 or 1103 or GER 2211-2212,
depending upon placement (or any GER
2000-level course)

MINOR IN GERMAN (24 HRS)

GER 1101 Elementary German I

GER 1102 Elementary German II

or for both GER 1103 Advanced Elem.

German

GER 1111 German Cinema

or GER 1125 From the Holocaust to
German Reunification

or GER 1131 Culture of German-Speaking
Countries

or GER 2231 German Women in
Literature & Society

GER 2211 Interim. Ger I: Language and
Culture

GER 2212 Interim. Ger II: Conversation and
Composition or any other German 2000-
level course

At least one 3000-level German course

*MINOR IN BUSINESS GERMAN
(24 HRS)*

GER 1101 Elementary German I and

GER 1102 Elementary German II or for both
GER 1103 Advanced Elem German

GER 2211 Interim. Ger I: Language and
Culture or any other GER 2000-level
course

GER 2221 Principles of German for Business

GER 3331 German for Intermediate Business

One course from:

GER 1111 German Cinema

GER 1125 From the Holocaust to German
Reunification

GER 1131 Culture of German-Speaking
Countries or any course in English
about German-speaking countries

GER 2231 German Women in Literature &
Society

*GERMAN WITH SECONDARY (7–12)
TEACHER CERTIFICATION (76 HRS)*

Course requirements for the education minor
are subject to changes reflecting State of
Maryland certification regulations. (See
education section)

Basic Major in German

EDU 1111 Learning in a Diverse Society or

EDU 1141 Teaching & Learning in a
Diverse Society

PSY 1106 Contemporary Psychology

PSY 3306 Adolescent Behavior and
Development

EDU 2240 Planning & Eval. Instruction

Provide Certifying Scores on Praxis I

EDU 3343 Methodology in Foreign Language

EDU 4417 Reading in the Content Area I

Semester in Education:

EDU 4418 Reading in the Content Area II

EDU 4432 Secondary Student Teaching
(middle)

EDU 4434 Secondary Student Teaching (high)
Provide Certifying Scores on Praxis II

Recommended:

CSC 1104 Intro to Computer Science

MAJOR IN SPANISH (40 HRS)

SPA 1101 Elementary Spanish I

SPA 1102 Elementary Spanish II

or for both SPA 1103 Advanced Elem. Spanish

SPA 1131 Cultural History of Spain or

SPA/CCS/HIS 2223 Cultural History of
Latin America

SPA 2211 The Hispanic World: Language &
Society

SPA 2212 The Hispanic World: Language &
Society or any 2000-level course in Spanish

SPA 3301 Intro to the Study of Hispanic
Literature I

SPA 3302 Intro to the Study of Hispanic
Literature II

SPA 3320 Spanish/English Translation or any
3000-level course in Spanish

SPA 4410 Capstone – Advanced Studies in
Spanish (4410 must be taken at the
College)

One additional Spanish course

One semester spent studying abroad or one
year in residence in a language house on
campus

Suggested First-Year Schedule:

SPA 1101-1102 or 1103 or 2211-2212,
depending upon placement (or any SPA
2000 level course)

MINOR IN SPANISH (24 HRS)

SPA 1101 Elementary Spanish I

SPA 1102 Elementary Spanish II

or for both SPA 1103 Advanced Elem. Spanish

SPA 1131 Cultural History of Spain or

SPA/CCS/HIS 2223 Cultural History of
Latin America

SPA 2211 The Hispanic World: Language &
Society I

SPA 2212 The Hispanic World: Language &
Society II or any 2000-level course in
Spanish

At least one 3000-level Spanish course

**SPANISH WITH SECONDARY (7–12)
TEACHER CERTIFICATION (72 HRS)**

Course requirements for the education minor are
subject to changes reflecting State of Maryland
certification regulations. (See education section)

Basic Major in Spanish

EDU 1111 Learning in a Diverse Society or

EDU 1141 Teaching & Learning in a
Diverse Society

PSY 1106 Contemporary Psychology

PSY 3306 Adolescent Behavior and
Development

EDU 2240 Planning & Eval. Instruction
Provide Certifying Scores on Praxis I

EDU 3343 Methodology in Foreign Language

EDU 4417 Reading in the Content Area I
Semester in Education:

EDU 4418 Reading in the Content Area II

EDU 4432 Secondary Student Teaching (middle)

EDU 4434 Secondary Student Teaching (high)
Provide Certifying Scores on Praxis II

Recommended:

CSC 1104 Intro to Computer Science

**DUAL MAJOR: FOREIGN LAN-
GUAGES** – ECONOMICS (68 HRS)**

Foreign Language (FRE, GER or SPA)

1101 Elem Foreign Lang I and 1102 Elem

Foreign Lang II or 1103 Advanced Foreign
Lang. for both

2211 For Lang World & Culture I

2212 For Lang World & Culture II

4410 Capstone – Adv Studies in For Lang II
(4410 must be taken at the College)

Four additional Foreign Language courses; only
one may be taught in English (i.e.,
FRE/CCS 1123 or FRE 1131; GER 1111
or GER 1125 or GER 1131 or GER 2231;
SPA/CLT 1125 or SPA 1131 or
SPA/CCS/HIS 2223)

One semester spent studying abroad or one
year in residence in a language house on
campus

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

ECO 4405 Capstone – History of Economic
Thought

Two Economics courses at the 3000 or 4000
level

STA 2215 Elementary Statistics for Social Science
 STA 2216 Statistical Methods
***Programs are available in French, German, and Spanish.*

*Contacts: Dr. Motard-Noar, Foreign Languages
 Dr. J. Olsh, Economics*

DUAL MAJORS: FOREIGN LANGUAGES – HISTORY (60 HRS)**

Foreign Language 1101, 1102 (or 1103), 2211, 2212, 4410 (Capstone) (4410 must be taken at the College)
 Four additional Foreign Language courses; only one may be taught in English (i.e., FRE/CCS 1123 or FRE 1131; GER 1111 or GER 1125 or GER 1131 or GER 2231; SPA/CLT 1125 or SPA 1131 or SPA/CCS/HIS 2223)
 One semester spent studying abroad or one year in residence in a language house on campus
 HIS 1105 Western Civilization I: Origins to 1700
 HIS 1106 Western Civilization II: 1700 – Present
 Four upper-level History courses
***Programs are available in French, German, and Spanish.*

*Contacts: Dr. Motard-Noar, Foreign Languages
 Dr. D. Evergates, History*

DUAL MAJOR: FOREIGN LANGUAGES – POLITICAL SCIENCE (60 HRS)**

Foreign Language 1101, 1102 (or 1103), 2211, 2212, 4410 (Capstone) (4410 must be taken at the College)
 Four additional Foreign Language courses; only one may be taught in English (i.e., FRE/CCS 1123 or FRE 1131; GER 1111 or GER 1125 or GER 1131 or GER 2231; SPA/CLT 1125 or SPA 1131 or SPA/CCS/HIS 2223)
 One semester spent studying abroad or one year in residence in a language house on campus
 PSI 1101 Intro to Political Science

PSI 1111 Early Western Political Thought or
 PSI 1112 Modern Western Political Thought
 PSI 4492 Capstone–Senior Seminar
 Three additional Political Science and International Studies courses
***Programs are available in French, German, and Spanish.*

*Contacts: Dr. Motard–Noar, Foreign Languages
 Dr. H. Smith, Political Science*

DUAL MAJOR: BUSINESS GERMAN – BUSINESS ADMINISTRATION (68 HRS)

GER 1101 Elementary German and GER 1102 Elementary German, or GER 1103 Advanced Elem German for both
 GER 1111 German Cinema or GER 1125 From the Holocaust to German Unification
 GER 1131 Culture of German-Speaking Countries or any course in English about German-speaking countries or GER 2231 German Women in Literature and Society
 GER 2211 Intermediate German I: Language & Culture or GER 2212 Intermediate German II: Conversation & Composition or any other GER 2000-level course
 GER 2221 Principles of German for Business
 GER 3331 German for International Business
 One additional 3000-level German course
 GER 4410 Capstone – Advanced Studies in German (4410 must be taken at the College)
 One semester spent studying abroad or one year in German Suite on campus
 ECO 2201 Principles of Economics
 ECO 3303 Microeconomic Theory
 ECO 3320 Macroeconomic Theory
 STA 2215 Elementary Statistics for Social Science
 STA 2216 Statistical Methods
 BUA 1101 Principles of Accounting
 BUA 1102 Principles of Accounting
 Four hours from among:
 BUA 2201 Intermediate Accounting
 BUA 2209 Principles of Marketing
 BUA 2213 Auditing
 BUA 2215 Cost Accounting: A Managerial Emphasis
 BUA/ECO 3324 Managerial Economics

BUA 4423 Capstone – Corporate Finance
& Financial Management

Four hours from among:

BUA 2205 The Legal Environment of
Business

BUA 2214 Principles of Management

BUA/PSY 2220 Psychology in the
Workplace

BUA/PSI 3305 Public Administration

BUA/SOC/SWK 3325 Managing Systems
in a Macro-Environment

*Contact: Dr. Esa, Foreign Languages
Dr. Olsb, Economics*

DUAL MAJOR: BUSINESS GERMAN – ECONOMICS (64 HRS)

GER 1101 Elementary German and GER

1102 Elementary German, or GER 1103
Advanced Elem German for both

GER 1111 German Cinema or GER 1125

From the Holocaust to German Unification

GER 1131 Culture of German-Speaking

Countries or any course in English about
German-speaking countries or GER 2231
German Women in Literature and Society

GER 2211 Intermediate German I: Language

& Culture or GER 2212 Intermediate
German II: Conversation & Composition or
any other GER 2000-level course

GER 2221 Principles of German for Business

GER 3331 German for International Business

One additional 3000-level German course

GER 4410 Capstone – Advanced Studies in
German (4410 must be taken at the
College.)

One semester spent studying abroad or one
year in German Suite on campus

ECO 2201 Principles of Economics

ECO 3303 Microeconomic Theory

ECO 3320 Macroeconomic Theory

ECO 4405 Capstone – History of Economic
Thought

Eight additional hours of Economics at the
3000 or 4000 level

STA 2215 Elementary Statistics for Social
Science

STA 2216 Statistical Methods

*Contact: Dr. Esa, Foreign Languages
Dr. J. Olsb, Economics*

STUDY ABROAD

The Department of Foreign Languages has
become affiliated with several Study Abroad
programs in Greece, Italy, Spain, central and
South America, France, Germany, Austria, and
Switzerland. Programs in French-speaking
Africa are also available. The Department can
approve attendance at other programs in
France, Germany, Spain, or another Hispanic
country. For more information, see the
Studying Abroad section of this catalog.

GRADUATE STUDY – ROMANCE LANGUAGES

Major in either French or Spanish

Strongly recommended:

Take as much of a second Romance Language
as possible

One year of Latin

Live at least one semester abroad.

Advanced courses from:

Art History

British Literature

Philosophy

History

GRADUATE STUDY – GERMAN

Basic Major in German

Strongly Recommended:

Live at least one semester abroad.

Take as much of a second language as possible.

Advanced courses from:

Art History

British Literature

Philosophy

Business

Foreign Language and Other Career Opportunities:

Having a strong background in one or more
foreign languages can be a valuable asset for
obtaining employment in fields such as
international business and commerce,
journalism, law enforcement, and government.
For further information, students should
contact the Foreign Language Department or
the Office of Counseling and Career Services.

FRENCH (FRE)

1101, 1102 Elementary French

4, 4 credits

The acquisition of oral/aural skills through intensive exposure to French used both as the medium of communication and the object of study. It enables the student accurately to express his or her daily experiences in spoken and written French, and to understand communications of a moderate level of difficulty. Foreign Language.

1103 Elementary French for Advanced Beginners

4 credits

A review of basic grammar and the introduction of more advanced grammar, together with the acquisition of oral/aural skills that allow communication in French in everyday contexts. Foreign Language.

1123 The French-Speaking World

4 credits

An examination of French-speaking countries outside of Europe – especially Africa and the Caribbean – prior to, during, and after the establishment of French colonial rule. Special attention is given to the ways different cultures have reacted, in economic, religious, sociological, artistic, and literary spheres, to the experience of French hegemony.

This course is taught in English.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 1123.

1131 Culture of France

4 credits

A study of influences that have molded France through the ages, with insights into all aspects of French culture (geography, history, the arts, folklore, gastronomy, etc.) as reflected in the main provinces (Ile-de-France, Normandy, Burgundy, Brittany, Provence, the Basque Country).

This course is taught in English.

Humanities.

2211 The Francophone World and the Media

4 credits

A review and expansion of grammar, practice

in oral and written French through the study of various Francophone media.

Prerequisite: French 1102 or the equivalent.

Foreign Language.

2212 France and the European Community

4 credits

A review and expansion of grammar, practice in oral and written French through the study of France's political and economical situation within the European Union.

Prerequisite: French 2211 or the equivalent.

Foreign Language.

3301 Introduction to the Study of French Literature I

4 credits

Themes and topics related to periods and genres in French literary history. The course covers particular areas from the Medieval period through the Enlightenment.

Prerequisite: French 2211 or 2212 or the equivalent.

Foreign Language, Humanities.

3302 Introduction to the Study of French Literature II

4 credits

Themes and topics related to periods and genres in French literary history. The course covers Romanticism to the present.

Prerequisite: French 2211 or 2212 or the equivalent.

Foreign Language, Humanities.

3310 Advanced Studies in French

4 credits

A course designed for upper-class French majors, with a different topic dealing with aspects of the French or Francophone literature or culture each semester. See topics under French 4410.

Prerequisites: French 3302 or the equivalent; placement in 3310 by permission of the instructor.

3320 French/English Translation

4 credits

Practice in the art of rendering a text from one language to another using both literary and non-literary sources. This will include a study of advanced French grammar.

Prerequisite: French 2212 or permission of the instructor.

4410 Advanced Studies in French

4 credits

A course designed for upper-class French majors, with a different topic dealing with aspects of the French or Francophone literature or culture each semester. Course offerings include: *Le cinéma français L'autobiographie en France*; *La littérature française contemporaine comme prière athée*; *La littérature féminine francophone*; *Le théâtre classique*; *Les femmes-écrivains du Moyen Age au XVIII^e siècle*.
Prerequisite: French 3302 or the equivalent.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in French

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internships in French

0–4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in French

0–4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

GERMAN (GER)

1101, 1102 Elementary German

4, 4 credits

The acquisition of oral/aural skills through intensive exposure to German used both as the medium of communication and the object of study. It enables the student accurately to express his or her daily experiences in spoken and written German, and to understand communications of a moderate level of difficulty. Foreign Language.

1103 Elementary German for Advanced Beginners

4 credits

A review of basic grammar and the introduction of more advanced grammar, together with the acquisition of oral/aural skills that allow communication in German in everyday contexts. Foreign Language.

1111 German Cinema

4 credits

A study of 20th-century German identity, culture, history, and politics through film analysis and readings of literary and popular culture texts.

This class is taught in English. Humanities.

1125 (FR) From the Holocaust to German Unification

4 credits

A study in German culture from the darkest period of German history (1933-1945) to the present. This course includes an examination of the Nazis' rise to power, their political, economical, social, and racist programs, that not only led to WW II but also to the Holocaust; a close look at divided Germany, the fall of the Berlin Wall that led to German unification, and beyond.

This class is taught in English. Humanities.

1131 Culture of German-Speaking Countries

4 credits

A study of the influences that have shaped the three German-speaking countries through the ages, with insight into all aspects of German culture (geography, history, the arts, folklore, women's issues, politics, economics, gastronomy, etc.).

This course is taught in English. Humanities.

2211 Intermediate German I: Language and Culture

4 credits

A review and expansion of grammar, practice in oral and written German while exploring German language and culture.

Prerequisite: German 1102 or the equivalent. Foreign Language.

**2212 Intermediate German II:
Conversation and Composition**

4 credits

A review and expansion of grammar, practice in oral and written German while exploring the societies, politics, economics, media, etc., of the German-speaking countries in Europe.
Prerequisite: German 2211 or the equivalent.
Foreign Language.

2221 Principles of German for Business

4 credits

An introduction to basic vocabulary and practices of German business in such areas as communication, banking, marketing, retail/wholesale, export/import, energy, and transportation.

Prerequisite: German 2211 or permission of instructor.

Foreign Language.

2231 Women in German Literature and Society

4 credits

An exploration of the changing literary and social roles and images of women in Germany in the 19th and 20th centuries through discussions and reading of representative works by German women writers presented in their sociopolitical and cultural context. Of special interest will be the developments in the Third Reich, after 1945, and after the fall of the Berlin Wall in 1989. Works discussed will include authors such as Rahel Varnhagen, Bettina von Arnim, Anna Seghers, Ingeborg Bachmann, Christa Wolf, May Ayim, and others. This course is taught in English. Cross-listed with Comparative Literature 2231 and Interdisciplinary Studies 2231.
Humanities.

3301, 3302 Introduction to the Study of German Literature

4, 4 credits

Analysis of major representative works from German literature.

Prerequisite: German 2212.

Humanities, Foreign Language.

3310 Advanced Studies in German

4 credits

A course designed for upper-class German majors with a different topic dealing with

aspects of the German literature or culture each semester. See course offerings under German 4410.

Prerequisite: German 3302.

3320 German/English Translation

4 credits

Practice in the art of rendering a text from one language to another using both literary and non-literary sources. This course will include a study of advanced German grammar and written translation of materials from the student's field of study.

Prerequisite: German 2212 or permission of the instructor.

3331 German for International Business

4 credits

A review and expansion of German language as used in international trade, intercultural conduct, international banking, structure of industry, establishment of companies, advertising, trade fairs, exhibitions, etc.

Prerequisite: German 2221 or permission of instructor.

Foreign Language.

4410 Advanced Studies in German

4 credits

A course designed for upper-class German majors with a different topic dealing with aspects of the German literature or culture each semester. Course offerings include: Die deutsche Novelle; Deutsche Frauenliteratur; Kulturmetropole Berlin; Deutsche Filmemacherinnen und Literatinnen; Franz Kafka: Sein Leben und Werk.

Prerequisite: German 3302.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in German

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internships in German

0–4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499**Independent Studies in German***0–4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

GREEK (GRK)**1101, 1102 Elementary Greek***4, 4 credits*

Introduction to the grammar and vocabulary of Ancient Greek with emphasis on the development of reading skills. The courses include an overview of ancient Greek history, literature and culture, as well as beginning readings in ancient texts.

Foreign Language.

Offered as needed.

2265; 2266 Special Topics in Greek*4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2298; 2299 Independent Studies in Greek*0–4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

ELEMENTARY HUNGARIAN (HUN)**1101, 1102 Elementary Hungarian
(offered only on the Budapest campus)***4, 4 credits*

The acquisition of oral/aural skills through intensive exposure to Hungarian used both as the medium of communication and the object of study. It enables the student accurately to express his or her daily experiences in spoken and written Hungarian, and to understand communications of a moderate level of difficulty. Foreign Language.

LATIN (LAT)**1101, 1102 Elementary Latin***4, 4 credits*

An introduction to the grammar and vocabulary of the Latin language with emphasis on the development of reading skills. The courses include an overview of Roman history, literature, and culture, as well as beginning readings in ancient texts.

Foreign Language.

2255 Topics in Classical Literature*4 credits*

A study of outstanding literary works of the classical world. Emphasis is on studying ancient authors and genres in their original context and analyzing them in the light of modern literature and criticism. Although readings will be in English, language students who have completed Latin 1102 may choose to study some texts in the original language and continue the study of grammar and composition at the intermediate level. Topics include poetry, comic and tragic drama, narrative, and the ancient novel.

Prerequisite: Latin 1102.

Foreign Language, Humanities.

Cross-listed with Comparative Literature 2255.

2265; 2266 Special Topics in Latin*4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2298; 2299 Independent Studies in Latin*0–4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

SPANISH (SPA)**1101, 1102 Elementary Spanish***4, 4 credits*

The acquisition of oral/aural skills through intensive exposure to Spanish used both as the medium of communication and the object of

study. It enables the student accurately to express his or her daily experiences in spoken and written Spanish, and to understand communications of a moderate level of difficulty. Foreign Language.

1103 Elementary Spanish for Advanced Beginners

4 credits

A review of basic grammar and the introduction of more advanced grammar, together with the acquisition of oral/aural skills that allow communication in Spanish in everyday contexts. Foreign Language.

1125 Studies in Hispanic Literature in English Translation

4 credits

Spanish and Spanish-American literature in translation. The topic changes each year. Humanities.

Cross-listed with Comparative Literature 1125.

1131 Cultural History of Spain

4 credits

A study of diverse aspects of the culture and history of Spain and the contributions of Hispanic culture to Western Society. This course is taught in English.

1151 (FR) Hispanic Novels to Films

4 credits

A study of screen adaptations of 20th-century narratives from Spain and Latin America. Readings are in English translation. This course will provide insights into the Hispanic world as well as the aesthetics of screen adaptation. This course is taught in English. Humanities.

2211, 2212 The Hispanic World: Language and Society

4, 4 credits

Practice in oral and written Spanish while analyzing the social elements and cultural expressions of the Hispanic world.

Prerequisite: Spanish 1102 or the equivalent. Foreign Language.

2223 Cultural History of Latin America

4 credits

Historical and contemporary culture of Latin America. This course is taught in English.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2223 and History 2223.

3301, 3302 Introduction to the Study of Hispanic Literature

4, 4 credits

Analysis of major representative works from Spanish and Latin American literatures.

Prerequisite: Spanish 2212 or the equivalent. Foreign Language, Humanities.

3310 Advanced Studies in Spanish

4 credits

A course designed for upper-class Spanish majors with a different topic dealing with aspects of the Hispanic literature or culture each semester. See course offerings under Spanish 4410.

Prerequisites: Spanish 3302; placement in 3310 by permission of the instructor.

3320 Spanish/English Translation

4 credits

Practice in the art of rendering a text from one language to another using both literary and non-literary sources.

Prerequisite: Spanish 2212 or permission of the instructor.

4410 Advanced Studies in Spanish

4 credits

A course designed for upper-class Spanish majors with a different topic dealing with aspects of the Hispanic literature or culture each semester. Course offerings include: Literatura medieval española; Teatro del Siglo de Oro; Cervantes; La Generación del 98; Teatro español del siglo XX; Novela / Cine de España; Literatura latinoamericana contemporánea.

Prerequisite: Spanish 3302.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in Spanish

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs. Foreign Language.

2295; 2296; 3395; 3396; 4495; 4496

Internships in Spanish

0–4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in Spanish

0–4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

General Science

Professors Alspach, Herlocker, Iglich, Pagonis, and R. Smith; Associate Professor Wladkowski; Assistant Professors Marx, Mian, and Mitschler; Lecturers M. Smith, Stempel, and Toller.

No major is offered in this field.

General Science Course Descriptions (GSC)

1111 Introductory Astronomy

4 credits

A study of the stars and stellar evolution, the solar systems, galaxies, and cosmology, with emphasis on contemporary topics. Natural Science and Mathematics. Cross-listed with Physics 1111.

1113 Sound, Music, and Hearing

4 credits

A study of sound in everyday experience. Topics considered include the physical nature of sound, description and measurement of sound, physiological and perceptual aspects of hearing, characteristics of human speech, electronic sound systems, noise, and musical acoustics.

Natural Science and Mathematics.

Offered as needed.

1115 A World Of Light And Color

4 credits

A survey of the behavior of light and its roles

in human experience. Topics include basic light phenomena, wave and photon models of light, color and color theories, light energy, effects of light on living matter, atmospheric effects, optical instruments, human vision, and perception.

Natural Science and Mathematics.

Offered as needed.

1118 Society And The Weather

4 credits

An interdisciplinary study of the atmosphere with emphasis on understanding the basic science needed to judge recent environmental policy trends. Topics such as the greenhouse effect, the depletion of the Earth's ozone layer, and air pollution will be discussed.

Natural Science and Mathematics.

Offered as needed.

1131 Environmental Problem Solving

4 credits

The formulation of hypotheses and the implementation of experiments which explore specific environmental problems. Class discussion centers on experimental results and directions for technical and human behavior modifications which will improve the environment. Themes investigated include energy and air pollution, indoor air chemistry, sustainable agriculture, biodiversity, and bioengineering.

Natural Science and Mathematics.

1133 Introduction to Oceanography

4 credits

A basic introduction to the field of oceanography where we will study the integration of physical, chemical, biological, and geological oceanography. Topics will include understanding waves, currents, tides, salinity, sediments of the ocean floor, plate tectonics, and the biological communities within every depth of the oceans. Practical mini-labs will be included with lecture material.

Natural Science and Mathematics

Prerequisite: Math 1001 or passing the arithmetic portion of the mathematics proficiency test.

1135 Radioactivity And Its Social Consequences

4 credits

A study of nuclear decay (radioactivity) from its discovery in the 1890s until the present.

Topics include factors causing and affecting radioactivity and applications (weapons, power plants, medicine, dating, and art/archaeology). Natural Science and Mathematics.

Prerequisite: Math 1001 or passing the arithmetic portion of the mathematics proficiency test.

1140 Introduction to Forensic Science

4 credits

This course will serve as an introduction to the scientific study of crime solving. Possible topics to be considered include crime scene investigation, fingerprint analysis, DNA fingerprinting, drug identification, and ballistic studies. There are no prerequisites for this course.

Natural Science and Mathematics.

1151 (FR) Computer Interfacing for Scientists

4 credits

Intended primarily for students majoring in the sciences and mathematics. Specifically, the course will focus on different methods by which scientists collect, analyze, and present data using the computer. After collecting the data in the lab, students will set up a numerical model and will compare it to the actual experimental data. Specific examples will be taken from physics, biology, and chemistry laboratories. The course will involve some computer programming using the language TrueBasic, but no previous programming experience is necessary.

Natural Science and Mathematics.

Cross-listed with Physics 1151.

1153 Trees on the Hill: The Science of Wood

4 credits

What can one learn about science simply by studying a common substance, wood, found all around us? The biology of a tree investigates the growth and structure of trees, and methods for identifying different woods (for example, in antique furniture). The physics of wood explores the strength of wood and how simple machines apply to woodworking techniques. The chemistry of wood reveals what holds a tree together and how protective finishes are used to protect and beautify wood. Associated biographical readings explore wood in

literature and the sociological aspects of humans in tune with nature. Mini-labs will provide opportunities to experience what it was like to work in a 19th-century carpentry shop.

Prerequisites: Math 1001 and Math 1002 or passing the mathematics proficiency test.

Natural Science and Mathematics.

2203 History Of Scientific Thought I

4 credits

A study of the development of theories to explain physical and natural phenomena from the earliest Egyptian, Mesopotamian, Greek, Arabian, Indian, and Chinese civilizations. The loss of impetus during the Medieval Age and the re-emergence in the Renaissance is traced.

Heritage Sequence, Natural Science and Mathematics.

2204 History Of Scientific Thought II

4 credits

A course which traces the development of modern scientific theories in Astronomy, Biology, Chemistry, Geology, and Physics from the Renaissance to the present. Readings include excerpts of original writings by over 40 scientists.

Heritage Sequence, Natural Science and Mathematics.

2206 Women in Science: From Antiquity into the Next Millennium

4 credits

A study of the contributions and experiences of women in the field of science. The course will include an introduction to the basic scientific principles underlying the subject areas studied by selected women scientists. The work of these women will also be explored as illustrations of holistic vs. reductionist approaches to science, the application of the scientific method and data evaluation, and the criteria used for "proof" of an idea. Throughout the course, emphasis will be placed not only on the scientific achievements of women, but also on their struggle for equality in a traditionally male-dominated field.

Natural Science and Mathematics.

2210 History of Modern Science (Honors)*4 credits*

A course which traces the development of the natural and physical sciences from antiquity to the present. The emphasis will be upon the western scientific community; its origin in the Classical Period, its preservation by the Arabs of the Middle Ages, its reintroduction into Europe during Renaissance, and the emergence of the modern global scientific community. This route will be followed by reading original writings (in translation) of the scientists whose ideas marked the path to modern science. Course includes mini-labs.

This course is limited to students in the Honors Program.

Natural Science and Mathematics.

2265; 2266; 3365; 3366; 4465; 4466**Special Topics In General Science***4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496**Internships In General Science***0-4 credits*

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499**Independent Studies in General Science***0-4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Geography

The course in geography is offered in conjunction with the college graduate program. Students in the social studies education program are given enrollment priority and then all other students.

No major is offered in this field.

*Geography Course Descriptions***3316 Geography: A Modern Synthesis***4 credits*

A focus on human geography, how humans impact the physical environment based on cultural alternatives and options. Consequently the emphasis is on applied analytical aspects of economics, political science, and sociology. Attention is given to systems, cycles, and trends within the disciplines as examples of modern geographic analysis. The course is also designed with an aim of understanding the application of the five geographic themes.

Gerontology

Professor Rees

Areas of particular teaching interest:
Professor Rees: human relations in the workplace, family.

No major is offered in this field.

A minor in Gerontology is available through the Department of Social Work.

Gerontology is the scientific examination of aging from a bio-psycho-social perspective. It is designed to be an interdisciplinary field of study concerned with the physical, mental, and social aspects of life and aging. The gerontology minor provides a knowledge base in human aging to supplement majors in disciplines where work responsibilities may include contact with older adults. This knowledge base can be applied across a wide range of occupations and professions. The U.S. Bureau of Labor and Statistics has targeted the field of Gerontology as one of the highest growth areas for jobs in the future.

Courses in the minor allows students to explore adulthood and aging processes and development and change that occurs biologically, psychologically, and socially. The minor will also provide exposure to ethical thinking, spirituality, policy and social support considerations, cross-cultural factors, and health care issues. Students will examine current theories and research, analyze program, policy, and research issues, and complete an internship in a gerontology setting. The internship experience will be designed to expose students to gerontology work within their fields of study.

Required Courses:

SWK/SOC 2225 Aging: The Individual & Society (4)

BIO 1121 Biology of Aging (4)

PSY 3308 Adulthood and Aging (4)

BIO/PSY/REL/SOC/SWK 3392 Intern. in Gerontology (2)

One from the following:

PHI 1105 Contemporary Issues in Ethics (4)

BIO/PHI 3350 Bioethics (4)

REL 2245 Myths and Rituals of Aging (4)

One from the following:

PSY 3305 Health Psychology (4)

SOC 2230 Medical Sociology (4)

SWK/SOC 3355 Aging and Gender (4)

SWK 2217 The Institution of Social Welfare (4)

SWK/SOC 2202 The Family (4)

REL 2245 Myths and Rituals of Aging (if not used above) (4)

Contact: Dr. Rees, Social Work

History

Professor T. Evergates; Associate Professors Chase, D. Evergates (Department Chair), and Reed; Assistant Professor P. Miller; Jesse Ball duPont Visiting Scholar B. Upton.

Areas of particular teaching interest:

Professor T. Evergates: medieval and early modern Europe; Professor Chase: modern America; Professor D. Evergates: Greek and Roman history, women's history; Professor Reed: early America, race and gender; Professor Miller: modern Europe; Professor Upton: modern America, African American.

History is the study of our engagement with the past—the individuals, societies, and civilizations that have shaped the modern world. Historians ask questions about how people have lived, felt and thought from early times to the present. The History Department offers courses in the social, cultural, and political history of America, Europe, and the ancient world. History majors have gone on to graduate school or to a wide range of careers including law, business, education, government service, and business.

Other Educational Options in History:

Dual majors with English, a Foreign Language, History of Art, and Political Science; Teacher Certification Secondary (middle/high school) in Social Studies. Minors in History, American History, European History, and Classical Civilization.

BASIC MAJOR (45 HRS)

HIS 1105 Western Civilization I: Origins – 1700

HIS 1106 Western Civilization II: 1700 – Present

HIS 2292 Introductory Seminar for History Majors

HIS 3398 Independent Study in History (1 hr)

HIS 4492 Capstone – History Colloquium
Seven additional courses (six above the 1000 level). Of the seven courses, one must be an upper-level course in each of these fields: the ancient world or Europe before 1789, Europe since 1789, and America. In addition, the seven courses must include at least two seminars at the 3000 or 4000 level.

Suggested First-Year Schedule

History 1105, 1106

English Composition

Foreign Language

Science or Math

MINOR IN CLASSICAL CIVILIZATION(24 HRS)

Six courses Greek or Roman History, Greek or Latin

(Three may be Greek or Latin Language courses;

Three must be History courses)

MINOR IN HISTORY (24 HRS)

Six courses in History, five of which must be at the 2000 level or above

Three of these courses must be taken at the College

HIS 2292 is recommended

MINOR IN EUROPEAN HISTORY (24 HRS)

Six courses in European History, one of which must be a seminar

MINOR IN AMERICAN HISTORY

(24 HRS)

Six courses in American History, one of which must be a seminar

DUAL MAJOR: HISTORY– ART HISTORY (56 HRS)

HIS 1105 Western Civilization I: Origins – 1700

HIS 1106 Western Civilization II: 1700 – Present

HIS 4492 Capstone – History Colloquium

Four History courses, 2000 level or above

AHY 1113 History of Western Art I

AHY 1114 History of Western Art II

Four upper level Art History courses

One course in Independent Studies or Special Topics

(4 credits)

Art History Capstone Exam

Contacts: Dr. D. Evergates, History

Dr. Losch, Art History

DUAL MAJOR: HISTORY – ENGLISH (56 HRS)

HIS 1105 Western Civilization I: Origins – 1700

HIS 1106 Western Civilization II: 1700 – Present

Four courses in American or European History, 2000 level or above

HIS 4492 Capstone – History Colloquium or

ENG 4492 Capstone – Senior Seminar

One course from:

ENG 2230 Beowulf to Mallory

ENG 2231 Renaissance Literature

One course from:

ENG 2232 Enlightenment Literature

ENG 2233 Romanticism

One course from:

ENG 2234 Victorian Literature

ENG 2270 Horror Fiction

ENG/THE 3350 Shakespeare

Two courses from:

ENG 2241 Amer. Lit: Colonial & Romantic

ENG 2242 Amer. Lit: Realism & Naturalism

ENG 2243 Amer. Lit: Modern & Contemporary

One course from:

ENG 2250 Post-Colonial Literature

ENG 2251 Literature by Women

ENG 2252 Popular Literature

ENG 2253 Southern Literature

ENG 2254 Nature Writing

ENG 2255 Short Story Cycles

ENG 2256 20th-Century American Poetry

ENG 2258 African American Literature

ENG 2260 Horror Fiction

ENG 2271 Contemporary British Literature

CLT 2219/20 Great Works I & II

Contacts: Dr. D. Evergates, History

Dr. Panek, English

DUAL MAJOR: HISTORY– FOREIGN LANGUAGES** (60 HRS)

HIS 1105 Western Civilization I: Origins – 1700

HIS 1106 Western Civilization II: 1700 – Present

Four upper-level History courses

Foreign Language 1101, 1102 (or 1103), 2211, 2212, 4410 (Capstone)

(4410 must be taken at the College)

Four additional Foreign Language courses; only one may be taught in English

One semester spent studying abroad or one year in residence in a language house on campus

****Programs are available in French, German, and Spanish**

Contacts: Dr. D. Evergates, History

Dr. Motard-Noar, Foreign Languages

DUAL MAJOR: HISTORY– POLITICAL SCIENCE (48 HRS)

HIS 1105 Western Civilization I: Origins – 1700

HIS 1106 Western Civilization II: 1700 – Present

Four additional History courses, 2000 level or above

PSI 1101 Introduction to Political Science

PSI 1111 Early Western Political Thought or

PSI 1112 Modern Political Thought

Three additional Political Science courses

HIS 4492 Capstone–History Colloquium or

PSI 4492 Capstone – Senior Seminar

*Contacts: Dr. D. Evergates, History
Dr. H. Smith, Political Science and
International Studies*

**HISTORY WITH ELEMENTARY (1-6)
TEACHER CERTIFICATION (98 HRS)**

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. (See education section)
Basic History major
Elementary Education Minor requirements

**HISTORY WITH SECONDARY (7-12)
TEACHER CERTIFICATION IN SOCIAL
STUDIES REQUIRED EMPHASIS STUDY
(105 HRS)**

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. (See education section)

I. Completion of the basic major in History, which should include two upper level American History courses (one course covering American History before 1865 and one course covering American History after 1865)

II. Required courses:

One course in Economics; ECO 1101
Introduction to Political Economy is required, but ECO 2201 Principles of Economics is strongly recommended.
GEO 3316 Geography: A Modern Synthesis
PSY 1106 Contemporary Psychology
PSY 3306 Adolescent Development & Behavior
EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching & Learning in a Diverse Society
EDU 2240 Planning & Evaluating Instruction
Provide Certifying Scores on Praxis I
EDU 3345 Methodology in Social Studies
EDU 4417 Reading in the Content Area I
Semester in Education:
EDU 4418 Reading in the Content Area II
EDU 4432 Secondary Student Teaching (middle)
EDU 4434 Secondary Student Teaching (high)
Provide Certifying Scores on Praxis II

Recommended:

CSC 1104 Introduction to Computer Science

III. Required Areas of Emphasis (one area of emphasis, other than your major, is required):

A. Political Science Emphasis (6 courses)

PSI 1101 Intro. to Political Science
PSI 2202 State & Local Government
PSI 2204 International Relations

One course from:

PSI 2201 Am. Polit. Institutions
PSI 2207 Am. Public Policy
SOC 1103 Introductory Sociology
One Cross-Cultural Studies course*

B. Sociology Emphasis (6 courses)

SOC 1103 Introductory Sociology
SOC/CCS 1108 Cultural Anthropology

Two courses from:

SOC/SWK 2202 The Family
SOC 2203 Urban Sociology
SOC 2212 Social Stratification & Inequality
SOC 2250 Sociology of Deviant &
Delinquent Behavior

One course from:

PSI 2202 State & Local Govt.
PSI 2204 International Relations
One Cross-Cultural Studies course*

* Cannot be from area of emphasis

Contact: Dr. Lockard, Education

History Course Descriptions (HIS)

1105 Western Civilization I: Origins to 1700

4 credits

An introduction to the heritage of the Western world. Emphasis is on the evolution and achievements of the ancient, medieval, and early modern periods.

Heritage Sequence, Humanities.

1106 Western Civilization II: 1700 to the Present

4 credits

Reflection on and analysis of Western traditions organized thematically: the Age of Absolutism, the Enlightenment, the French Revolutionary and Napoleonic period, the liberal, national, and industrial forces of the 19th century, imperialism and the issue of power and domination, the political and moral crises of the 20th century.

Heritage Sequence, Humanities.

Biography as History

4 credits
A study of biography as a genre of historical writing. The course first will consider biographies written in the ancient, medieval, and modern periods, then will review a variety of modern approaches, ranging from the traditional political and intellectual biography to psychobiography and prosopography. Humanities.

1134, 1135 Understanding Europe I/II Offered at the-Budapest Campus only)

4 credits
This interdisciplinary course offers a comparative study of Europe's history, culture, heritage, political and economic development. Attention focused on the 20th century: the two World Wars, the division of Europe after 1945, integration in the West, Soviet-type political and economic systems in East-Central Europe; the disintegration of the Communist Bloc and the Soviet Union; new tension and crises; renewed hopes for a unified Europe; European institutions and organizations; Europe's role in world affairs. Two-semester course. Heritage Sequence, Humanities.

1136 (FR) America From the Sixties to 2001

4 credits
As an introduction to history at the college level, this course will explore the American experience in the 1960s and after-liberation and identity movements, "revolutions (biological, digital, economic, political, religious, social), and war – concluding with the American prospect for the new century. Humanities.

1151 (FR) 1899 vs. 1999: The End of the Century Then and Now

4 credits
A study of the late 19th century, known as the fin-de-siècle, or "end-of-the-century." This course will compare the major issues of fin-de-siècle culture, society, and politics to those of our own Western cultural heritage at the end of the 20th century. Topics include: the 19th-century Dreyfus Affair vs. the recent Lewinsky Affair, Imperialism in Africa and Asia vs. Westernization today, and the cultural revolution in the arts. Humanities.

1152 (FR) Ancient World in History and Film

4 credits

A study of visions of the Greek and Roman past. The course will explore historical sources and archaeology of the Hellenistic and Roman worlds and their reinterpretation by modern filmmakers. Discussion of ancient culture and society, historical authenticity, modern uses of the past. Readings in ancient and modern history and film criticism. Films will include "Alexander the Great," "Last Days of Pompeii," "Spartacus," "Cleopatra," "I, Claudius." Humanities.

1191 Gender and Society in Ancient Greece

4 credits

A study of gender relations and the cultural roles assigned to men and women in the earliest western sources – from the epic society of Homer to the period of the Hellenistic monarchies. Topics will include myth and culture, family law, economy and slavery, medicine, sport, concepts of misogyny, sexuality, and male honor codes. Comparative evidence from ancient and modern Mediterranean societies will also be examined. Humanities.

2205 Ancient Greece

4 credits

A history of the Greek world from the archaic to the Hellenistic period. Topics include the growth of the polis and problems of early democracy; the religious, social, and cultural structures of classical Athens and Sparta; Alexander the Great and the creation of Hellenism. Readings will be from literature and drama, rhetoric, and history, with emphasis on Herodotus and Thucydides. Humanities.

2206 Republican Rome

4 credits

A survey of Roman history from the beginnings to the death of Augustus, the first emperor. Discussion will focus on sources from myth, history, epigraphy, and archaeology. Historians include Livy, Polybius, Plutarch, Sallust, and Cicero. Humanities.

2207 Archaeology of Greece

4 credits

Introduction to the history of classical archaeology and to the current theories and methods of the discipline through study of archaeological sites and material remains from the Bronze Age to the fourth century B.C.E. The course also includes examination of architecture, painting, and sculpture in their original private, civic, and religious context. Humanities.

Cross-listed with Art History 2207.

2208 Roman Women

4 credits

A study of Roman women within the evolving moral, religious, familial (patriarchal), political, and economic structures of the Roman world. Emphasis will be on recent methodological approaches to the study of ancient women through analysis of sources that include historians, legal and medical texts, literature, and art. Humanities.

2213 The High Middle Ages

4 credits

An examination of the distinctive civilization of Western Europe during the 11th, 12th, and 13th centuries. Emphasis will be on familial and feudal institutions, the rise of monarchies and urban economies, and intellectual and cultural achievements. The course is based largely on primary source readings from autobiographies, chronicles, courtly literature, and legal documents. Humanities.

2214 Early Modern Europe

4 credits

An examination of the transformation of Western Europe from the 14th through the 16th centuries. Topics include the 14th century crash, humanism and the Renaissance in Italy, the rise of the Atlantic economies, and reformation movements. Humanities.

2215 Medieval England

4 credits

The evolution of the English monarchy and society in the Anglo-Saxon, Norman, and

Plantagenet periods. Readings include primary sources on the social and constitutional development of England to 1485. Humanities.

2218 Europe of the Ancient Regime and the Age of the French Revolution and Napoleon

4 credits

The nature of the Ancient Regime in Europe; the character and impact of the Enlightenment; the origins and development of the Revolution in France and its impact throughout Europe and the New World; the drama of Napoleon and his legacy. Special emphasis will be on historians' interpretations of the problems of the age. Humanities.

2219 Europe in the 19th Century

4 credits

The forces of liberalism, nationalism, and conservatism; the march of industrialism; the emergence of socialism; state building; imperial rivalries; the causes of the First World War. Social and economic themes are blended with political and diplomatic strains. Humanities.

2220 20th Century Europe

4 credits

A survey of major scenes in the history of modern Europe. Emphasis will be on the origins and impact of World War I and World War II; the struggle of democracies and the power of fascism and communism between the wars; the restoration of Europe after 1945 and European integration; and the collapse of communism in Eastern Europe. Humanities.

2222 Gender and Society in America, Past and Present

4 credits

An examination of women's experiences in American society with special emphasis on attitudes toward sex, the family, the workplace, and the political arena in order to explore the interaction between context and ideology in the process of social change. Humanities.

1114 Biography as History

4 credits

The study of biography as a genre of historical writing. The course first will consider biographies written in the ancient, medieval, and early modern periods, then will review a variety of modern approaches, ranging from the traditional political and intellectual biography to psychobiography and prosopography. Humanities.

1134, 1135 Understanding Europe I/II (offered at the-Budapest Campus only)

4, 4 credits

This interdisciplinary course offers a comparative study of Europe's history, culture, heritage, political and economic development. Attention is focused on the 20th century: the two World Wars, the division of Europe after 1945, integration in the West, Soviet-type political and economic systems in East-Central Europe; the disintegration of the Communist Bloc and the Soviet Union; new tension and crises; renewed hopes for a unified Europe; European institutions and organizations; Europe's role in world affairs. Two-semester course. Heritage Sequence, Humanities.

1136 (FR) America From the Sixties to 2001

4 credits

As an introduction to history at the college level, this course will explore the American experience in the 1960s and after-liberation and identity movements, "revolutions (biological, digital, economic, political, religious, social), and war – concluding with the American prospect for the new century. Humanities.

1151 (FR) 1899 vs. 1999: The End of the Century Then and Now

4 credits

A study of the late 19th century, known as the fin-de-siecle, or "end-of-the-century." This course will compare the major issues of fin-de-siecle culture, society, and politics to those of our own Western cultural heritage at the end of the 20th century. Topics include: the 19th-century Dreyfus Affair vs. the recent Lewinsky Affair, Imperialism in Africa and Asia vs. Westernization today, and the cultural revolution in the arts. Humanities.

1152 (FR) Ancient World in History and Film

4 credits

A study of visions of the Greek and Roman past. The course will explore historical sources and archaeology of the Hellenistic and Roman worlds and their reinterpretation by modern filmmakers. Discussion of ancient culture and society, historical authenticity, modern uses of the past. Readings in ancient and modern history and film criticism. Films will include "Alexander the Great," "Last Days of Pompeii," "Spartacus," "Cleopatra," "I, Claudius." Humanities.

1191 Gender and Society in Ancient Greece

4 credits

A study of gender relations and the cultural roles assigned to men and women in the earliest western sources – from the epic society of Homer to the period of the Hellenistic monarchies. Topics will include myth and cult, family law, economy and slavery, medicine, sport, concepts of misogyny, sexuality, and male honor codes. Comparative evidence from ancient and modern Mediterranean societies will also be examined. Humanities.

2205 Ancient Greece

4 credits

A history of the Greek world from the archaic to the Hellenistic period. Topics include the growth of the polis and problems of early democracy; the religious, social, and cultural structures of classical Athens and Sparta; Alexander the Great and the creation of Hellenism. Readings will be from literature and drama, rhetoric, and history, with emphasis on Herodotus and Thucydides. Humanities.

2206 Republican Rome

4 credits

A survey of Roman history from the beginnings to the death of Augustus, the first emperor. Discussion will focus on sources from myth, history, epigraphy, and archaeology. Historians include Livy, Polybius, Plutarch, Sallust, and Cicero. Humanities.

2207 Archaeology of Greece

4 credits

Introduction to the history of classical archaeology and to the current theories and methods of the discipline through study of archaeological sites and material remains from the Bronze Age to the fourth century B.C.E. The course also includes examination of architecture, painting, and sculpture in their original private, civic, and religious context. Humanities.

Cross-listed with Art History 2207.

2208 Roman Women

4 credits

A study of Roman women within the evolving moral, religious, familial (patriarchal), political, and economic structures of the Roman world. Emphasis will be on recent methodological approaches to the study of ancient women through analysis of sources that include historians, legal and medical texts, literature, and art. Humanities.

2213 The High Middle Ages

4 credits

An examination of the distinctive civilization of Western Europe during the 11th, 12th, and 13th centuries. Emphasis will be on familial and feudal institutions, the rise of monarchies and urban economies, and intellectual and cultural achievements. The course is based largely on primary source readings from autobiographies, chronicles, courtly literature, and legal documents. Humanities.

2214 Early Modern Europe

4 credits

An examination of the transformation of Western Europe from the 14th through the 16th centuries. Topics include the 14th century crash, humanism and the Renaissance in Italy, the rise of the Atlantic economies, and reformation movements. Humanities.

2215 Medieval England

4 credits

The evolution of the English monarchy and society in the Anglo-Saxon, Norman, and

Plantagenet periods. Readings include primary sources on the social and constitutional development of England to 1485. Humanities.

2218 Europe of the Ancient Regime and the Age of the French Revolution and Napoleon

4 credits

The nature of the Ancient Regime in Europe; the character and impact of the Enlightenment; the origins and development of the Revolution in France and its impact throughout Europe and the New World; the drama of Napoleon and his legacy. Special emphasis will be on historians' interpretations of the problems of the age. Humanities.

2219 Europe in the 19th Century

4 credits

The forces of liberalism, nationalism, and conservatism; the march of industrialism; the emergence of socialism; state building; imperial rivalries; the causes of the First World War. Social and economic themes are blended with political and diplomatic strains. Humanities.

2220 20th Century Europe

4 credits

A survey of major scenes in the history of modern Europe. Emphasis will be on the origins and impact of World War I and World War II; the struggle of democracies and the power of fascism and communism between the wars; the restoration of Europe after 1945 and European integration; and the collapse of communism in Eastern Europe. Humanities.

2222 Gender and Society in America, Past and Present

4 credits

An examination of women's experiences in American society with special emphasis on attitudes toward sex, the family, the workplace, and the political arena in order to explore the interaction between context and ideology in the process of social change. Humanities.

2223 Cultural History of Latin America

4 credits

Historical and contemporary culture of Latin America. This course is taught in English.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2223 and Spanish 2223.

2224 Becoming American: Topics in American History

4 credits

An examination of significant cultural, political, and social themes in the history of the United States from 1600 to 1866.

Emphasis is placed upon critical reading and written analysis of primary and secondary sources.

Humanities.

2225 Colonial America, 1607–1763

4 credits

An in-depth study of early American culture and history, utilizing primary and secondary sources, focusing on the 17th and 18th centuries. Topics will include social structure, labor systems, family life, political culture, and issues of race and ethnicity.

Humanities.

2226 Revolutionary America and the New Nation, 1763–1840

4 credits

An examination of the political, social, and economic issues that led to the American Revolution and that shaped the United States' early growth and development as an independent nation. Special attention will be given to issues of race and gender, industrialization and urbanization, and political culture.

Humanities.

2227 Development of Modern America

4 credits

An inquiry into the events and forces that have shaped the United States since 1865, including industrialization, urbanization, race relations, reform, social and cultural tension, and global conflict.

Humanities.

2228 America as a Great Power

4 credits

An exploration of America's world role since the late 19th century, with an emphasis on

the era of the two World Wars and the period after 1945.

Humanities.

2229 America Since 1945

4 credits

An exploration of the transformation of American life, politics, and world position since 1945.

Humanities.

2230 Seminar in American Legal History

4 credits

An exploration of the nature and function of law in American history, and the education, professionalization, and role of the American lawyer, by means of group discussion and directed research and writing.

Humanities.

2292 Introductory Seminar for History Majors

4 credits

An introduction to the practices of historians and the development of history as a discipline.

Humanities.

3302 The Civil War and Reconstruction, 1840–1877

4 credits

An examination of political, social, and economic conflicts and change in mid-19th century America that led to the Civil War. The course will also explore the impact of the war on American society and the process of national reunification.

Humanities.

3305 Seminar: Rome, The Early Empire

4 credits

A seminar on Rome and its empire in the first two centuries of the modern era. Topics include the development of monarchy and the decline of old Roman values, the growth of early Christianity, and the spread and transformation of Roman culture and technology through contact with Europe and the Eastern Empire.

Humanities.

3315 Seminar: Early European Society

4 credits

A seminar on the political, social, and familial life of the peoples who settled in Western Europe after the fall of the Roman Empire.

The course will consider the reasons for the collapse of the Empire as well as the ways in which the new peoples accommodated and preserved Mediterranean culture. Readings will be drawn from both primary sources and recent interpretive studies.
Humanities.

3316 Seminar: The Crusades

4 credits

A seminar based on the close reading of eye-witness accounts of the crusades. The course will include discussion of recent interpretations of the crusades and their significance for Europe and the Mediterranean world.
Humanities.

3324 Seminar: The American Revolution as a Social Movement

4 credits

An exploration of the Revolutionary experience. Emphasis is on a study of class structure, military conflict, and social and political consequences both during and immediately after the Revolution through a study of primary and secondary source materials.
Humanities.

3326 Seminar: American Diplomatic History

4 credits

An exploration of major themes in American foreign policy since 1789, by means of group reading and discussion, as well as directed research on topics of individual interest.
Prerequisite: History 2228.

3328 Seminar: African-American History

4 credits

Readings and discussions of selected topics in African-American history drawing on primary and secondary sources, novels, and material culture. The specific topic the seminar will examine, such as slavery, racism, community and family, and black nationalism, will change each offering of the course.
Humanities.

4492 History Colloquium

4 credits

A seminar in which senior history majors prepare and defend a substantial paper.
Prerequisite: HIS 3398, a one-credit Independent Study in the preceding semester.

1165; 1166; 2265; 2266; 3365; 3366; 4465; 4466 Special Topics in History

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496 Internships in History

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499 Independent Studies in History

0-4 credits

Directed study with permission of the Department.

Human Resources Development Minor (24 HRS)

No major is offered in this field.

A minor in Human Resources Development is offered through the Department of Psychology.

Required:

PSY 1106 Contemporary Psychology or SOC 1103 Introductory Sociology
PSY/BUA 3220 Psychology In the Workplace
SOC/BUA 3316 Complex Organizations or SOC 3365 Work and Occupations
Internship or Independent Study in Human Resources Development (4 hrs)

Two courses from:

COM 3326 Organizational Communications
BUA 2214 Principles of Management
BUA/SOC/SWK 3325 Managing Systems in a Macro-Environment
BUA/PHI 2210 Ethics & Business
BUA/PSI 3305 Public Administration
PSY 2265/2266 Topics in Psychology (Course must emphasize industrial or organizational issues)
PSY/SOC 2204 Social Psychology

Recommended:

STA 2215 Elem. Statistics for Social Science
 PSY 2223 Psych. Methods I: Measurement & Assessment
 PSY 2224 Psych. Methods II: Research Design & Analysis
 COM 2202 Communication Research Methods
 SOC 3351 Methods of Social Research

Contact: Dr. Hughes, Psychology

Interdisciplinary Studies

Associate Professor D. Evergates (Coordinator) and faculty members from the departments involved.

Interdisciplinary Studies Course Descriptions (IDS)

1107, 1108 Women in Western Culture 4, 4 credits

A two-semester interdisciplinary study of the status and role of women in the western world. The first semester covers the period from pre-classical to the French Revolution. The second semester covers the period from the French Revolution to the present.
 Heritage Sequence, Humanities.

1152 (FR) African-American Culture: Three Perspectives 4 credits

This interdisciplinary course explores African-American culture from a literary, musical, and sociological perspective. While these perspectives represent distinct fields of study, they also intersect and complement one another. Exploring a text from various vantage points, provides a fuller context and broadens and complicates its interpretation. Such a multidisciplinary approach leads students to a fuller understanding and appreciation of the specific works under consideration and of African-American culture as a whole.
 Humanities.

1161 (FR) Crime and Detectives: Three Perspectives

4 credits

This team-taught interdisciplinary course explores both crime and its detection from a literary, criminological and scientific perspective. The literary portion of the course traces the development of the detective as hero, the antagonist as criminal, and the ways in which narrative patterns and societal attitudes have evolved in the Anglo-American detective story since the 1840s. The criminological section of the course focuses on the realities underlying fictional portrayals of crime solving, which vary markedly depending upon the identity of the victim and perpetrator, the setting, and the time period. The forensic section of the course explores the scientific aspect of crime solving. Topics include characterization of a crime scene, analysis of hair and fibers, arson and explosives, forensic serology, DNA testing, fingerprint, firearms, and document and voice analysis.
 Humanities.

2201 Issues in American Studies 4 credits

An introduction to the interdisciplinary study of American Culture through the reading and discussion of selected significant primary works.
 Humanities.

2231 Women in German Literature and Society 4 credits

An exploration of the changing literary and social roles and images of women in Germany in the 19th and 20th centuries through discussions and reading of representative works by German women writers presented in their sociopolitical and cultural context. Of special interest will be the developments in the Third Reich, after 1945, and after the fall of the Berlin Wall in 1989. Works discussed will include authors such as Rahel Varnhagen, Bettina von Arnim, Anna Seghers, Ingeborg Bachmann, Christa Wolf, May Ayim, and others. This course is taught in English.
 Cross-listed with Comparative Literature 2231 and German 2231.
 Humanities

2401 Nations and Religions: Majorities and Minorities in Modern Central and Eastern Europe (offered only on the WMC-Budapest campus)

4 credits

Topics of the course include the ethnic composition of the population and the formation of nations in the region as compared to other parts of Europe. Specific attention given to: Christians and pagans, Jews and Anti-Semitism, the aftermath of World War I, the Holocaust, national minorities and majorities in the Soviet Bloc, the so-called Annus Mirabilis and its aftermath. Humanities.

4491 Honors Seminar

1 credit

A seminar for the senior year of the Honors Program during which students pursue a topic in-depth and write an Honors paper. During the junior year, the topic for the following year's seminar is chosen and announced.

Prerequisite: enrollment in the Honors Program.

Library Science

Associate Professor M. Kerby

Areas of particular teaching interest: Professor Kerby: School library media program, young adult non-fiction.

No major is offered in this field.

Library Science Course Descriptions (SLM)

3317 Children's Literature

4 credits

The study of print and non-print media, with emphasis on authors and illustrators of materials for children. Principles of selection, evaluation, and integration of these media into the elementary and middle school classrooms are included.

3318 Adolescent Literature

4 credits

The study of print and non-print media, with emphasis on reading interests of young adults. Principles of selection, evaluation, and integration of these media into the middle school and high school classrooms are included.

Mathematics

Professors R. Boner (Department Chair), and Rosenzweig; Professor Emeritus Lightner, Associate Professors Clark and Eshleman; Lecturer C. Boner.

Areas of particular teaching interest:

Professor Boner: abstract algebra, combinatorics, graph theory, number theory; Professor Emeritus Lightner: geometry, history of mathematics, mathematics education; Professor Rosenzweig: differential topology, set theory and logic, singularity theory; Professor Clark: dynamical systems and chaos, Markov chains, complex analysis; Professor Eshleman: applied mathematics, numerical analysis, programming languages.

The mathematics department is dedicated to providing each mathematics major with the highest level program that a student can manage, providing individual help and attention to each student. To accomplish this, in addition to regular courses, advanced courses are offered for one to four students who will benefit from a particular subject. Recent courses have included Differential Topology, Galois Theory, Set Theory, Tensor Analysis, and Chaos Theory and Dynamical Systems. The mathematics program is broad enough in scope that students taking the basic major in mathematics will provide the groundwork for a variety of careers, as well as having a thorough preparation for graduate study. Students also have the opportunity through the topics courses, the problem seminars, the independent studies courses, and electives to focus on individual needs and objectives.

Every mathematics major who has applied to graduate school has been admitted to a highly ranked university and has received either a fellowship or a teaching assistantship. Alumni of our programs have gone on to do graduate work at such schools as Brandeis University, The University of California at Berkeley, The University of Pennsylvania, Harvard University, Michigan State University, the UMBC, Washington University in St. Louis, Cornell University, The Johns Hopkins University, North Carolina State University, SUNY at Stony Brook, and University of Virginia.

Almost every graduate of our program is currently working in a professional position under the general titles of "mathematician," "systems analyst," "actuary," "statistician," etc., at the National Security Agency, The Pentagon, IBM, the Hewlett Packard Corporation, NASA, the Department of Defense and various actuarial firms. The mathematics-education majors have been eagerly sought by school systems throughout the region.

Other Educational Options in Mathematics: Computer Science concentration; Operations Research concentration; Teacher Certification Secondary (middle/high school); dual majors with Biology, Economics, Physics, or other disciplines. Mathematics can also be combined with other disciplines (e.g., biology, business administration and economics, chemistry, physics, and various social sciences) through dual-majors, double majors, or a student-designed major. A minor is available in Mathematics.

BASIC MAJOR (47 HRS)

MAT 1118 Calculus II
MAT 2218 Linear Algebra
MAT 2219 Calculus III
MAT 2221 Fundamental Concepts of Algebra
MAT 3305 Introduction to Mathematical Analysis

MAT 3316 Complex Analysis
MAT 3323 Probability
MAT 4494 Capstone Experience in Mathematics (1 hr)

Three courses at the 2000 level or higher (excluding MAT 2241), one of which can be a computer science course

Two hours of Mathematics Problem Seminar
CSC 1106 Fundamentals of Computing I

Suggested First-Semester Schedule:

MAT 1118 (or placement)
Science course
English Composition or Foreign Language
First-year Seminar

MATHEMATICS WITH A CONCENTRATION IN COMPUTER SCIENCE (51 HRS)

Required:

MAT 1118 Calculus II
MAT 2218 Linear Algebra
MAT 2219 Calculus III
MAT 2221 Fundamental Concepts of Algebra
MAT 3305 Introduction to Mathematical Analysis

MAT 3323 Probability
MAT 4494 Capstone Experience in Mathematics (1 hr)

One course chosen from:

MAT 3316 Complex Analysis
MAT 3336 Number Theory
MAT 4406 Abstract Algebra

One course chosen from:

MAT 3328 Operations Research
MAT 3335 Stochastic Processes
Two hours of Mathematics Problem Seminar.

CSC 1106 Fundamentals of Computing I
CSC 1107 Fundamental of Computing II
MAT/CSC 2210 Introduction to Numerical Methods

CSC 3301 Computer Organization
(Substitutions may be made with the consent of the Department chair.)
Computer Science should be taken in the first year.

Recommended:

PHY 1101 General Physics I
PHY 1102 General Physics II
PHY 1103 Applied Electronics & Computers
STA 2216 Statistical Methods

COMPUTER SCIENCE MINOR (24 HRS)

MAT 1118 Calculus II or MAT 2207 Applied Combinatorics & Graph Theory
CSC 1106 Fundamental of Computing I
CSC 1107 Fundamental of Computing II
MAT/CSC 2210 Introduction to Numerical Methods

CSC 3301 Computer Organization
One additional computer science course numbered above 3000.

**MATHEMATICS WITH A
CONCENTRATION IN OPERATIONS
RESEARCH (51 HRS)**

MAT 1118 Calculus II
MAT 2218 Linear Algebra
MAT 2219 Calculus III
MAT 2221 Fundamental Concepts of Algebra
MAT 3305 Introduction to Mathematical
Analysis

MAT 3323 Probability
MAT 3324 Mathematical Statistics
MAT 3328 Operations Research
MAT 3335 Stochastic Processes
MAT 4494 Capstone Experience in
Mathematics (1 hr)

One course chosen from:

MAT 3316 Complex Analysis
MAT 4406 Abstract Algebra
Two hours of Mathematics Problem
Seminar
CSC 1106 Fundamentals of Computing I
MAT/CSC 2210 Introduction to Numerical
Methods

Recommended:

ECO 2201 Principles of Economics
ECO 3324 Managerial Economics
Additional Mathematics and Computer Science
courses

**MATHEMATICS WITH SECONDARY
(7-12) TEACHER CERTIFICATION
(78 HRS)**

Course requirements for the education minor
are subject to changes reflecting State of
Maryland certification regulations. (See
education section)

MAT 1118 Calculus II
MAT 2218 Linear Algebra
MAT 2221 Fundamental Concepts of Algebra
MAT 3305 Introduction to Mathematical
Analysis

MAT 3310 History of Mathematics
MAT 3316 Complex Analysis
MAT 3322 Fundamental Concepts of
Geometry

MAT 3323 Probability
MAT 4494 Capstone Experience in
Mathematics (1 hr)

One mathematics course numbered above 2000
(excluding MAT 2241)

One hour of Mathematics Problem Seminar
CSC 1106 Fundamentals of Computing I
EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching & Learning in a
Diverse Society

PSY 1106 Contemporary Psychology
PSY 3306 Adolescent Development & Behavior
EDU 2240 Planning & Evaluating Instruction
Provide Certifying scores on Praxis I
EDU 3344 Methodology in Mathematics
EDU 4417 Reading in the Content Area I

Semester in Education:

EDU 4418 Reading in the Content Area II
EDU 4432 Secondary Student Teaching (middle)
EDU 4434 Secondary Student Teaching (high)
Provide certifying Scores on Praxis II

Graduate Study Recommendations:

MAT 3304 Differential Equations
MAT 3312 Real Analysis
MAT 3335 Stochastic Processes
MAT 3336 Number Theory
MAT 4406 Abstract Algebra
MAT 4409 Topology
Special Topics in Mathematics
Independent Studies in Mathematics

Departmental Honors in Mathematics

In order to graduate with honors in mathe-
matics, a mathematics major must complete at
least two independent studies courses in a
single topic over two semesters. Declaration of
the intent to graduate with honors must be
made to the head of the Department by the
beginning of the second semester of independ-
ent studies. The project will consist of a paper
and a one-hour talk, which must be judged
worthy of honors by the Department. You
must also maintain a 3.40 GPA in the
mathematics courses taken.

MINOR IN MATHEMATICS (24 HRS)

MAT 1118 Calculus II
MAT 2218 Linear Algebra
MAT 2221 Fundamental Concepts of Algebra
MAT 3323 Probability

Two courses from:

MAT 2207 Applied Combinatorics &
Graph Theory
MAT/CSC 2210 Introduction to Numerical
Methods

MAT 2219 Calculus III
 MAT 3304 Differential Equations
 MAT 3305 Introduction to Mathematical Analysis
 MAT 3316 Complex Analysis
 MAT 3324 Mathematical Statistics
 MAT 3328 Operations Research
 MAT 3335 Stochastic Processes
 MAT 3336 Number Theory
 MAT 4406 Abstract Algebra

DUAL MAJOR: MATHEMATICS – BIOLOGY (66 HRS)

Required:

MAT 1118 Calculus II
 MAT 2218 Linear Algebra
 MAT 2221 Fundamental Concepts of Algebra
 MAT 3304 Differential Equations
 MAT 3305 Introduction to Mathematical Analysis
 MAT 3323 Probability
 MAT 4494 Capstone Experience in Mathematics (1 hr)

One hour from Mathematics Problem Seminar
 CSC 1106 Fundamentals of Computing I
 BIO 1111 Principles of Biology I
 BIO 1112 Principles of Biology II
 Four additional courses at the 2000-3000 level, to be chosen from at least three of the four biological course groups (see Biology Major Requirements) and including at least two laboratory courses and the Capstone Experience.

CHE 1101 Intro to Chem I: Structure & Bonding
 CHE 1102 Intro to Chem II: Chemical Reactivity
 PHY 1101 General Physics I

Recommended:

MAT 2219 Calculus III
 STA 2216 Statistical Methods

Suggested First-Semester Schedule

MAT 1118 Calculus II (or placement)
 BIO 1111 Principles of Biology
 English Composition or Foreign Language
 First-year Seminar

*Contacts: Dr. R. Boner, Mathematics
 Dr. Paquin, Biology*

DUAL MAJOR: MATHEMATICS – ECONOMICS (62 HRS)

MAT 1118 Calculus II
 MAT 2218 Linear Algebra
 MAT 2219 Calculus III
 MAT 2221 Fundamental Concepts of Algebra
 MAT 3305 Introduction to Mathematical Analysis

MAT 3323 Probability

One course chosen from:

MAT 3324 Mathematical Statistics
 MAT 3328 Operations Research
 MAT 3335 Stochastic Processes
 One hour from Mathematics Problem Seminar

MAT 4494 Capstone Experience in Mathematics (1 hr)
 CSC 1106 Fundamentals of Computing I
 ECO 2201 Principles of Economics
 ECO 3303 Microeconomic Theory
 ECO 3320 Macroeconomic Theory
 ECO 4405 Capstone – History of Economic Thought (4405 must be taken at the College.)

Two courses of Economics electives at the 3000 or 4000 level
 STA 2216 Statistical Methods

*Contacts: Dr. R. Boner, Mathematics
 Dr. J. Olsb, Economics*

DUAL MAJOR: MATHEMATICS – PHYSICS (63 HRS)

MAT 1118 Calculus II
 MAT/CSC 2210 Introduction to Numerical Methods
 MAT 2218 Linear Algebra
 MAT 2221 Fundamental Concepts of Algebra
 MAT 3304 Differential Equations
 MAT 3316 Complex Analysis
 MAT 3323 Probability
 Two hours from Mathematics Problem Seminar
 CSC 1106 Fundamentals of Computing I
 PHY 1101 General Physics I
 PHY 1102 General Physics II
 PHY 2204 Introduction to Modern Physics
 PHY 2211 Mathematical Physics
 PHY 2212 Intermediate Mechanics
 PHY 3311 Intermediate Electricity & Magnetism

One course chosen from:

PHY 2209 Optics & Waves

PHY/CH 3307 Physical Chemistry I

PHY 3309 Topics in Quantum Mechanics

MAT 4494 Capstone Experience in

Mathematics (1 hr) or PHY 4491

Capstone - Physics Seminar (1 hr)

Contacts: Dr. R. Boner, Mathematics

Dr. Pagonis, Physics

Mathematics Course Descriptions (MAT)

1001 Mathematics Workshop

0 credit

Review of the arithmetical skills of students whose proficiency in these basic quantitative skills is below standards acceptable to the College. Topics include whole numbers, fractions, decimals, percents, proportions, and basic geometry.

1002 Basic Algebra Workshop

0 credit

Review of the algebraic skills of students to a basic functioning level. Topics include operations with polynomials, factoring, solutions of equations, graphs, and word problems.

Prerequisite: Passing the arithmetic section of the mathematics proficiency examination or permission of the instructor.

1106 Finite Mathematics With Applications

4 credits

Insight into the way mathematicians approach problems in other disciplines, through the study of the following topics with applications: lines, matrices, linear programming, counting techniques, discrete probability, graph theory, and game theory.

The course is designed primarily for non-mathematics majors.

Prerequisites: Mathematics 1001 or passing the arithmetic portion of the mathematics proficiency test, Mathematics 1002 or passing the algebra portion of the mathematics proficiency exam.

Natural Science and Mathematics.

1107 College Algebra and Trigonometry

4 credits

The basic concepts of algebra and trigonometry needed for the study of calculus. Included are properties of exponents; solving equations and inequalities; graphing; properties of polynomial, exponential, logarithmic, and trigonometric functions.

Prerequisites: Mathematics 1001 or passing the arithmetic portion of the mathematics proficiency test, Mathematics 1002 or passing the algebra portion of the mathematics proficiency test.

Natural Science and Mathematics.

1117 Calculus I

4 credits

Initial study of limits, derivatives and integrals; review of trigonometric functions; differentiation techniques and formulas applied to rational and trigonometric functions; applications of derivatives including curve sketching; extrema and rate problems; definition of the integral; elementary applications of integrals.

Prerequisite: Mathematics 1107 or placement by the Department.

Natural Science and Mathematics.

1118 Calculus II

4 credits

Further study of the trigonometric, exponential, and logarithmic functions and their derivatives, methods of integration; parametric equations; polar coordinates; sequences, infinite series, and power series.

Prerequisite: Mathematics 1117 or placement by the Department.

Natural Science and Mathematics.

2207 Applied Combinatorics and Graph Theory

4 credits

An introduction to combinatorial problem solving and applied graph theory. Topics include arrangements and selections, generating functions, recurrence relations, graph isomorphisms, graph models, planar graphs, Euler and Hamiltonian circuits, and graph coloring problems. Additional topics are chosen from inclusion-exclusion formulas, trees, and network algorithms.

Offered in 2002-2003 and alternate years.

2210 Introduction to Numerical Methods

4 credits

An introduction to numerical methods for solving problems from calculus and linear algebra, including the solution of a single non-linear equation, the solution of linear systems, interpolation and approximation, differentiation and integration, and the solution of eigenvalue problems.

Prerequisites: Computer Science 1106, Mathematics 1118.

Cross-listed with Computer Science 2210. Offered in 2001-2002 and alternate years.

2218 Linear Algebra

4 credits

A study of the theory of finite-dimensional vector spaces, linear transformations, matrices, determinants, inner products, and eigenvalues.

Prerequisites: Mathematics 1117 or 1118 or placement by the Department.

Natural Science and Mathematics.

2219 Calculus III

4 credits

A study of functions of several variables.

Topics include partial derivatives, directional derivatives, multiple integrals, the structure of Euclidean n -space, E_n , functions from E_m to E_n , line and surface integrals, Green's and Stokes' Theorems.

Prerequisites: Mathematics 1118 or placement by the Department.

Natural Science and Mathematics.

2221 Fundamental Concepts of Algebra

4 credits

An introduction to modern algebraic theory; emphasis on the nature of the structures of algebra including groups, rings, and fields; selected topics from elementary number theory and polynomial theory.

Prerequisite: Mathematics 2218 or permission of the Department.

Natural Science and Mathematics.

2241 Mathematics for Elementary School Teachers

4 credits

An introduction to selected topics in mathematics, including sets and set operations, number and numeration systems, arithmetical operations and algorithms, measurement,

reasoning and problem solving, and the basic concepts of algebra and geometry.

This course does not count toward the major in mathematics, and is open only to those students preparing to teach in the elementary school.

This course does not meet the Natural Science and Mathematics requirement.

Prerequisites: Mathematics 1001 or passing the arithmetic portion of the mathematics proficiency test, Mathematics 1002 or passing the algebra portion of the mathematics proficiency test, Mathematics 1106.

3304 Differential Equations

4 credits

Linear differential equations with applications in the physical, biological, and social sciences; series solutions; systems of linear differential equations; approximation methods; the Laplace transform; Fourier series; the heat equation.

Prerequisite: Mathematics 1118.

Offered in 2002-2003 and alternate years.

3305 Introduction to Mathematical Analysis

4 credits

A treatment of the theory of elementary calculus including functions limits, sequences, series, uniform continuity, derivatives and Riemann integration, topological properties of the real numbers.

Prerequisite: Mathematics 2221.

3310 History of Mathematics

4 credits

A study of the development of mathematics from primitive counting systems to modern mathematics, with particular emphasis on the 17th century.

Prerequisites: Mathematics 1117, 2221.

Offered in 2002-2003 and alternate years.

3312 Real Analysis

4 credits

A study of the convergence of sequences and series of functions; polynomial approximation; interchange of limit processes; the Lebesgue integral.

Prerequisite: Mathematics 3305.

Offered as needed.

3316 Complex Analysis

4 credits

An introductory course in the theory of functions of a complex variable; properties of

analytic functions, classical integral theorems, Taylor and Laurent expansions, and applications.

Prerequisite: Mathematics 2219 and Mathematics 3305 are recommended.

3322 Fundamental Concepts of Geometry

4 credits

The foundations and evolution of geometry; selected topics from Euclidean and non-Euclidean geometries, projective geometry, affine geometry; studies in the nature of proof and famous geometric problems.

Prerequisites: Mathematics 1117, 2221.

Offered in 2001-2002 and alternate years.

3323 Probability

4 credits

A study of sample spaces, counting techniques, discrete and continuous random variables and related moments; binomial, Poisson, normal and other probability distributions; Chebychev inequality, central limit theorem.

Prerequisite: Mathematics 1118; Mathematics 2219 is recommended.

3324 Mathematical Statistics

4 credits

A systematic treatment of statistics from a theoretical point of view; sampling distributions, decision theory, estimation, hypothesis testing, modeling, and applications.

Prerequisite: Mathematics 3323.

Offered as needed.

3328 Operations Research

4 credits

A survey of topics from Operations Research: linear programming, computer applications using the Simplex Algorithm, dynamic programming, inventory control, queuing problems, network analysis, game theory.

Prerequisites: Computer Science 1106, Mathematics 3323; either Mathematics 3324 or 3335 is strongly recommended.

Offered as needed.

3335 Stochastic Processes

4 credits

A study of Markov Chains, stable distributions for regular chains, absorption probabilities, computer simulations, Poisson process, birth-death process.

Prerequisite: Mathematics 3323.

Offered as needed.

3336 Number Theory

4 credits

An introduction to the theory of numbers: divisibility, primes, unique factorization, congruences, Euler's phi-function, Fermat's and Wilson's theorems, quadratic reciprocity, perfect numbers and applications to Diophantine equations.

Prerequisite: Mathematics 2221.

Offered in 2001-2002 and every third year.

3391; 3392; 4491; 4492 Mathematics Problems Seminar

1 credit

Consideration of problems chosen from diverse areas of mathematics and mathematical ideas outside of a course context. The problems considered vary from year to year.

4406 Abstract Algebra

4 credits

A presentation of the theory of groups, rings, and fields through a study of topics selected from: homomorphisms, isomorphisms theorems, Lagrange's theorems, the Sylow theorems, principal ideal domains, Euclidean domains, unique factorization domains, polynomial rings over a field, construction with straight edge and compass, and finite fields.

Prerequisite: Mathematics 2221.

Offered in 2001-2002 and alternate years.

4409 Topology

4 credits

An introduction to the basic notions of topological spaces, which are the foundation for analysis and calculus. Topics include basic set theory, the axioms and specific examples of topological spaces, connectedness and compactness, separation axioms, continuous function, homotopy theory.

Offered as needed.

4494 Capstone Experience in Mathematics

1 credit

All senior mathematics majors will read an expository paper in one of the mathematics journals and make written oral reports on the topic discussed in the article. The article will be chosen in consultation with a member of the Department of Mathematics and Computer Science.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics In Mathematics

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internships in Mathematics

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies In Mathematics

0-4 credits

Directed study planned and conducted with reference to the needs of students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Military Science

Lieutenant Colonel Craig (Department Chair); Major Spear, Captain Torres, Master Sergeant Lumby, Sergeant First Class Clark, Sergeant Quinton, Mr. Willard.

No major is offered in this field; however, Military Science can be an integral part of a student-designed major or minor or an elective for any major.

The Army Reserve Officers' Training Corps (ROTC) program is one of the oldest in the nation, offered at the College since 1919. Through this program both men and women students are commissioned as Army officers with the rank of Second Lieutenant upon graduation. Students can be guaranteed service as an officer with the Army Reserve or Army National Guard or serve in a full-time position with the Active Army.

The courses are designed to develop the leadership ability of each student. Freshman and sophomore students can enroll in the program without obligating themselves to service to the Army. Freshman courses meet for

one hour each week and sophomore courses for two hours. Junior and senior courses are designed for cadets selected by the Professor of Military Science to advance forward to commissioning and meet for three hours each week. Cadets attend a weekly one-hour leadership laboratory providing action and experiential learning in military and leadership skills such as rappelling, rifle marksmanship, first aid, patrolling, radio communications, and water survival.

Other optional activities are available for Army cadets. These include helicopter rappelling, mountaineering, parachuting, winter survival training in Alaska, and temporary assignments in active Army units throughout Korea, Europe, and the United States. Cadets can attend the Leadership Training Course and National Advanced Leadership Camps. These are 5-week summer camps designed to hone military and leadership skills. The Ranger Platoon is a cadet-run organization open to all cadets that specializes in adventure training such as rappelling, patrolling, mountain operations, and river operations. Once each year they compete against 30 other schools in a two-day competition of physical and military events.

Freshman and sophomore students can compete for Army ROTC scholarships worth over \$28,000 per year. These merit scholarships pay \$17,000 toward tuition and a substantial book allowance of \$600 per year. Recipients receive a monthly stipend of \$250 per month during the academic year, which rises to \$400 per month by the senior year. The College supplements the Army's scholarship benefits for all students who are Army ROTC scholarship winners. These additional benefits consist of a \$3,550 tuition incentive, a \$2,640 room incentive, and a \$2,230 board incentive.

Non-scholarship cadets entering the junior year and all scholarship recipients are obligated to military service as an Army officer. Non-scholarship cadets receive the living expense stipend of \$350 (juniors) or \$400 (seniors). Officers serve in a variety of fields, including aviation, medical, personnel, armor, finance, artillery, communications, infantry, law enforcement, and engineering.

**1101/1102 Foundations of
Officership/Basic Leadership**

1.5 credits

First Semester: Foundations of Officership. Examines the unique duties and responsibilities of officers. Includes an introduction to the organization and roles 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.

Second Semester: Basic Leadership. Presents fundamental leadership concepts and doctrine. Students learn effective problem-solving skills and apply active listening and feedback skills. Students also examine factors that influence leader and group effectiveness. An overview of the officer experience is given.

**2201/2202 Individual and Leadership
Studies/Leadership and Teamwork**

2.5 credits

First Semester: Individual and Leadership Studies. Students develop introspective knowledge of self, individual leadership skills, and self-confidence. Students further develop their problem-solving and critical-thinking skills while applying more advanced communication, feedback, and conflict resolution skills.

Second Semester: Leadership and Teamwork. Focus is on self-development guided by knowledge of self and group processes. Course challenges student beliefs, knowledge, and skills. Students learn and execute squad-level battle drills.

**3301/3302 Leadership and Problem
Solving/Leadership and Ethics**

3 credits

First Semester: Leadership and Problem Solving. Examines basic skills that underlie effective problem solving. Students analyze the role officers played in the transition of the Army from Vietnam to the 21st century. Students learn how to execute the Leadership Development Program. An analysis of military missions and planning military missions is conducted. Students learn and execute platoon-level battle drills.

Second Semester: Leadership and Ethics.

Students probe leader responsibilities that foster an ethical command climate. Focus is on developing leadership competencies, studying leader responsibilities. Students apply techniques of effective written and oral communication. Students learn and execute platoon-level battle drills.

**4401/4402 Leadership and
Management/Capstone**

3 credits

First Semester: Leadership and Management. Builds on the National Advanced Leadership Camp experience by focusing on how to solve organizational and staff problems. Students discuss staff organization, functions, and processes. An analysis of leader counseling responsibilities and methods is undertaken. Students also examine principles of motivating subordinates and organizational change by applying leadership and problem-solving principles to complex case studies and simulations.

Second Semester: Capstone course designed to explore topics relevant to second lieutenants entering the Army. Students learn to describe the legal aspects of decision-making and leadership. They analyze Army operations from the tactical to strategic levels while also assessing administrative and logistics management functions. Finally students perform platoon leader actions and examine leader responsibilities that foster an ethical command climate.

Music

Professor Boudreaux (Department Chair); Associate Professors Armstrong, Caldwell; Senior Lecturers Kirkpatrick and Kreider; Adjunct Lecturers Barrett, Baxter, Byrd, Connell, Dix, Duree, Eckard, Engler, Griffiths, Hooks, Horneff, Jenkins, Koehler, Seligman, Tippet and Ward.

Areas of particular teaching interest: Professor Boudreaux: choir, music history; Professor Armstrong: music history, world music, early music; Professor Caldwell: theory and composition; Professor Kreider: piano; Professor Kirkpatrick: band, flute, chamber music.

The Music Department provides opportunities for both the major and non-major student

to develop their musical talents by offering courses for both disciplined growth and creative development. Recitals and concerts are performed each semester by faculty, students, and such organizations as the College Choir, Band, Jazz Ensemble, and various other performance ensembles.

College policy limits the number of credit hours taken in vocal and instrumental ensembles such as MUE 1101-1125 to eight of the 128 hours required for graduation.

Other Educational Options in Music:

The department also offers a minor in music, certification in Music Education (middle/high school, either choral or instrumental), concentrations in Music Theory and Composition, Music History and a dual major in Music and Theatre.

Applied Music courses do not fulfill the Humanities Distribution requirement.

BASIC MAJOR (48 HRS PLUS COURSES NEEDED TO PASS PROFICIENCY REQUIREMENTS)

MUT 1131 Music Theory I

MUT 1132 Music Theory II

MUT 2201 Advanced Music Theory I

MUT 2202 Advanced Music Theory II

MUS 1204 Aural Training/Musicianship Exam

MUL 2203 Music of the Western World I and

MUL 2204 Music of the Western World II

or MUL 2231 Heritage of African-

American Music I and MUL 2232 Heritage

of African-American Music II

One 2000+ level elective in Music History

One 2000+ level elective in Music History or Theory

Eight hours of aural skills (as needed for proficiency)

Six hours of piano as needed for proficiency or MUS 1201 (Piano Competency Exam)

Eight hours of applied music lessons, one major instrument preferred*

Participation in a Department musical performance group each semester in residence.

Attendance at a minimum of five (5) departmentally sponsored concerts or recitals per semester.

MUS 4205 Capstone – One public recital

**Six of the eight credits in applied music lessons must be on the student's major instrument or voice. The three semesters prior to and including the semester of the senior recital must include applied study on the major instrument (the instrument of the recital). Transfer students must complete four credits in their program on their major instrument and perform their senior recital at the College.*

Suggested First-Year Schedule:

English Composition (based on placement)

First-Year Seminar

MUT 1131

MUT 1132

MUS 1141 Piano Lab I (as needed for proficiency)

MUS 1142 Piano Lab II (as needed for proficiency)

MUT 1102 Aural Training I (as needed for proficiency)

MUT 1103 Aural Training II (as needed for proficiency)

Applied Music lessons

Performance Ensemble

One Basic Liberal Arts requirement

Physical Education

Contact: Dr. Boudreaux, Music

MUSIC – THEORY AND COMPOSITION (56 HRS PLUS COURSES NEEDED TO PASS PROFICIENCY REQUIREMENTS)

Required Courses:

MUT 1131 Music Theory I

MUT 1132 Music Theory II

MUT 2201 Advanced Music Theory I

MUT 2202 Advanced Music Theory II

MUL 2203 Music of the Western World I and

MUL 2204 Music of the Western World II

or MUL 2231 Heritage of African-

American Music I and MUL 2232 Heritage of African-American Music II

MUT 3309 Counterpoint

MUT 3310 Form & Analysis

MUS 1201 Piano Proficiency Exam

In addition to the theory requirements, basic musicianship skills (MUS 1204) must be satisfied prior to taking Music courses at the 3000 level or higher.

One 2000+ level elective in Music History
Four hours of Independent Studies in
composition and/or arranging

In order to better ensure success, students are strongly encouraged to begin their formal study of composing and/or arranging in the first semester of their junior year. Students are encouraged to begin experimenting in this field as early as possible.

Eight hours of aural skills (as needed for proficiency)
Six hours of piano (as needed for proficiency)
Eight hours of applied music lessons, one major instrument preferred*
Participation in a Department musical performance group each semester in residence.
Attendance at a minimum of five (5) departmentally sponsored concerts or recitals per semester.

MUS 4205 Capstone – One public recital

A major composition or research project will be required. This project may be associated with the recital or one of the music theory courses.

**Six of the eight credits in applied music lessons must be on the student's major instrument or voice. The three semesters prior to and including the semester of the senior recital must include applied study on the major instrument (the instrument of the recital). Transfer students must complete four credits in their program on their major instrument and perform their senior recital at the College. Music majors should be aware that a minimum of 76 hours of non-music courses are required for graduation.*

Suggested First-Year Schedule:

See Basic Major

Contact: Dr. Caldwell, Music

**MUSIC – MUSIC HISTORY (56 HRS
PLUS COURSES NEEDED TO PASS
PROFICIENCY REQUIREMENTS)**

Required:

MUT 1131 Music Theory I
MUT 1132 Music Theory II
MUT 2201 Advanced Music Theory I

MUT 2202 Advanced Music Theory II
MUL 2203 Music of the Western World I and
MUL 2204 Music of the Western World II
or MUL 2231 Heritage of African-
American Music I and MUL 2232 Heritage
of African-American Music II
MUT 3310 Form & Analysis
MUT 3310 Form and Analysis

In addition to the theory requirements, basic musicianship skills (MUS 1204) must be satisfied prior to taking Music courses at the 3000 level or higher.

Three 2000+ level electives in Music History
Eight hours of aural skills (as needed for proficiency)
Six hours of piano (as needed for proficiency)
Eight hours of applied music lessons, one major instrument preferred*
Participation in a Department musical performance group each semester in residence.
Attendance at a minimum of five (5) departmentally sponsored concerts or recitals per semester.

MUS 4205 Capstone – One public recital

A major research project culminating in a paper will be required. This project may be associated with either the recital or one of the Music History courses.

**Six of the eight credits in applied music lessons must be in the student's major instrument or voice. The three semesters prior to and including the semester of the senior recital must include applied study on the major instrument (the instrument of the recital). Transfer students must complete four credits in their program on their major instrument and perform their senior recital at the College. Music majors should be aware that a minimum of 76 credits in non-music courses are required for graduation.*

Recommended Courses:

Two Years of Foreign Language

Suggested First-Year Schedule:

See Basic Major

Contact: Dr. Armstrong, Music

**MUSIC WITH SECONDARY (7-12)
TEACHER CERTIFICATION IN
EITHER CHORAL OR INSTRUMENTAL
MUSIC (57 HRS PLUS COURSES
NEEDED TO PASS PROFICIENCY
REQUIREMENTS)**

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. See Education Minor for more information. Students should consult with an advisor in the Education Department.

Required Courses:

- MUT 1131 Music Theory I
- MUT 1132 Music Theory II
- MUT 2201 Advanced Music Theory I
- MUT 2202 Advanced Music Theory II
- MUL 2203 Music of the Western World I and
MUL 2204 Music of the Western World II
or MUL 2231 Heritage of African-
American Music I and MUL 2232 Heritage
of African-American Music II
- MUL/CCS 2212 World Music
- MUS 3311 Instrumental Conducting
- MUS 3313 Choral Conducting
- MUS 1153 String Pedagogy (1 hr)
- MUS 1154 Woodwind Pedagogy (1 hr)
- MUS 1155 Percussion Pedagogy (1 hr)
- MUS 1156 Brass Pedagogy (1 hr)
- MUS 1157 Voice Pedagogy for Singers (1 hr)
or MUS1159 Voice Pedagogy for
Instrumentalists (1 hr)

In addition to the theory requirements, basic musicianship skills (MUS 1204) must be satisfied prior to taking Music courses at the 3000 level or higher.

Eight hours of aural skills (as needed for proficiency)

Six hours of piano (as needed for proficiency) or
MUS 1201 Piano Competency Exam

Two hours of guitar (as needed for proficiency)
or MUS 1203 Guitar Competency Exam

Two hours of voice (as needed for proficiency)
or MUS 1202 Voice Competency Exam

Eight hours of applied music lessons, one
major instrument preferred*

Participation in a Department musical per-
formance group each semester in residence.

Attendance at a minimum of five (5)

departmentally sponsored concerts or
recitals per semester.

Capstone – One public recital (MUS 4205)

**Six of the eight credits in applied music lessons must be in the student's major instrument or voice. The three semesters prior to and including the semester of the senior recital must include applied study on the major instrument (the instrument of the recital). Transfer students must complete four credits in their program on their major instrument and perform their senior recital at the College. Music majors should be aware that a minimum of 76 credits in non-music courses are required for graduation.*

EDU 1111 Learning in a Diverse Society or

EDU 1141 Teaching & Learning in a
Diverse Society

PSY 1106 Contemporary Psychology

PSY 3306 Adolescent Development & Behavior

EDU 2240 Planning & Evaluating Instruction

Provide Certifying Scores on Praxis I

EDU 3340 Choral Music or EDU 3346

Instrumental Music

EDU 4417 Reading in the Content Area I
Semester in Education:

EDU 4418 Reading in the Content Area II

EDU 4432 Secondary Student Teaching
(middle)

EDU 4434 Secondary Student Teaching (high)
Provide Certifying Scores on Praxis II

Suggested First-Year Schedule:

English Composition (based on placement)

First-year Seminar

MUT 1131, 1132

MUT 1102 Aural Training I (as needed for
proficiency)

MUT 1103 Aural Training II (as needed for
proficiency)

MUS 1141 Piano Lab I (as needed for
proficiency)

MUS 1142 Piano Lab II (as needed for
proficiency)

PSY 1106

Applied Music Lessons

Performance Ensemble

BLAR

Physical Education

Contact: Dr. Boudreaux, Music

MINOR IN MUSIC (22 HRS)

MUT 1131 Music Theory I

MUT 1132 Music Theory II

MUL 2203 Music of the Western World I

MUL 2204 Music of the Western World II

Four semesters of one-credit lessons, or two-
semesters of one-credit lessons and two-
credits of Independent Studies in a selected
area of interest on the 2000+ level.

Minors are expected to attend at least three (3)
music departmentally sponsored recitals
every semester. Minors are expected to
participate in at least one performing
ensemble for at least one full academic year.

DUAL MAJOR: MUSIC – THEATRE ARTS (60 HRS)

Required:

MUT 1131 Music Theory I

MUT 1132 Music Theory II

MUL 2203 Music of the Western World I

MUL 2204 Music of the Western World II

MUL/THE 2216 History of Musical Theatre

One course from upper level electives or
independent studies in music

Six hours from private lessons from the
following studies:

MUS 1003 Classical Piano

MUS 1006 Voice or MUS 1010 Jazz Piano

MUS 1201 Piano Competency Exam

THE 1111 Stagecraft

THE 3392 Capstone – Drama Workshop

THE 1113 Acting or THE 1151 Acting:
the Creative Process

Two courses from:

THE/CLT 2225 Theatre of the Western
World I

THE/CLT 2226 Theatre of the Western
World II

THE/CLT 2227 The Contemporary Theatre

THE/CCS 2230 Performance and Culture

THE 2284 Modern American Drama

Two courses from:

THE 2241 Costume & Makeup Design

THE 2242 Lighting Design

THE 2243 Set Design

THE 2244 Theatre Management

THE 2245 Voice & Movement for the
Actor

THE 2246 Scene Study

THE 2247 Acting Styles

THE 3320 Directing

THE 3328 Playwriting

One course from:

THE 3330 Performance Laboratory (2 hrs)

THE 3332 Production Laboratory (2 hrs)

THE 3334 Management Laboratory (2 hrs)

THE 3336 Directing Laboratory (2 hrs)

THE 3338 Dramaturgy Laboratory (2 hrs)

THE 3340 Playwriting Laboratory (2 hrs)

Contacts: Dr. Armstrong, Music

Dr. R. Miller, Theatre

Music Course Descriptions (MUS)

1001–1024 Applied Music – Private Instruction

0.5–2 credits

Private instruction in voice, piano, guitar,
orchestral and band instruments. Lessons are
generally offered in half-hour periods (0-.5
credit) or hour periods (1 credit). An extra
tuition fee is charged for lessons.

Prerequisite: permission of the instructor.

Consult the Department for proficiency
evaluation and major requirements for Applied
Music Instruction.

1141 Piano Lab I

2 credits

A study of basic keyboard skills with emphasis
on reading, transposition, fundamentals of
music theory, and the necessary physical skills
to play simple pieces. This is a beginner's
course which is not intended for those students
who can already read music at the keyboard.

MUS 1142, 1143, 1144 Piano Lab II, III, IV *2, 2, 2 credits*

A continuation of Piano Lab I at progressive
levels of proficiency.

Admission and placement is based on the
instructor's evaluation of the student's ability.

1145 Guitar Class I

1 credit

A study of basic guitar skills with emphasis on
classical style, reading, fundamentals of music
theory, and the necessary physical skills to play
simple pieces. This is a beginner's course
which is not intended for those students who
can already read music at the guitar.

1146 Guitar Class II

1 credit

A continuation of Guitar Class I.

Admission and placement is based on the instructor's evaluation of the student's ability.

1148, 1149 Voice Class I, II

1, 1 credit

An introduction to the correct use of the voice in singing, including breathing, articulation, enunciation, expression, and various types of vocal literature.

1153 String Pedagogy

1 credit

An analysis of the principles and practices current in the teaching of string instruments.

Prerequisite: One year of music theory, permission of the instructor.

Offered fall 2003 and alternate years.

1154 Woodwind Pedagogy

1 credit

An analysis of the principles and practices current in the teaching of woodwind instrument.

Prerequisite: One year of music theory, permission of the instructor.

Offered spring 2004 and alternate years.

1155 Percussion Pedagogy

1 credit

An analysis of the principles and practices current in the teaching of percussion instruments.

Prerequisite: One year of music theory, permission of the instructor.

Offered spring 2004 and alternate years.

1156 Brass Pedagogy

1 credit

An analysis of the principles and practices current in the teaching of brass instruments.

Prerequisite: One year of music theory, permission of the instructor.

Offered fall 2002 and alternate years.

1157 Voice Pedagogy for Singers

1 credit

An overview of comparative vocal methods for the future teacher primarily concerned with vocal and choral instruction. Emphasis is placed on the International Italianate School (Bel Canto method).

Prerequisite: At least two semesters of applied voice or voice class, permission of the instructor.

1159 Voice Pedagogy for Instrumentalists

1 credit

An overview of comparative vocal methods for the future teacher primarily concerned with instrumental instruction. Emphasis is placed on the International Italianate School (Bel Canto method).

Prerequisite: permission of the instructor.

1201 Piano Proficiency

0 credits

A piano proficiency exam required of all music education majors which is expected to be completed before the junior year. Students without prior piano study are expected to take sufficient piano to prepare for the exam – usually at least two semesters.

1202 Voice Proficiency

0 credits

A voice proficiency exam required of all music education majors which is expected to be completed before the junior year. Students without prior voice study are expected to take sufficient voice to prepare for the exam – usually at least two semesters.

1203 Guitar Proficiency

0 credits

A guitar proficiency exam required of all music education majors which is expected to be completed before the junior year. Students without prior guitar study are expected to take sufficient guitar to prepare for the exam – usually at least two semesters.

1204 Aural Training/Musicianship

0 credits

Students are required to pass the Aural Training/Musicianship Proficiency Exam in order to take music courses at the 3000 level or higher. This exam will be offered at the end of each semester. The student will be encouraged to take an independent-study course in aural training/musicianship in the spring semester of his/her junior year if the exam has not been passed by the fall semester of his/her junior year. The minimum passing proficiency is 86 percent.

2217 Lyric Diction for Singers

1 credit

A one-semester, highly condensed study of English, Italian, and German lyric dictions for

singers. The IPA (International Phonetic Alphabet) system of phoneticization will be used.

Prerequisite: at least two semesters of applied voice or voice class.

3313 Choral Conducting

4 credits

An analysis of the principles and practices of choral conducting, development of conducting pattern skills, score analysis, rehearsal procedures, and program development.

Prerequisites: Music 1202, 1201, 1204, MUT 2202 and permission of the instructor.

Co-requisite, participation in the College Choir.

3333, 3334 Methods for Teaching Piano

2, 2 credits

Methods of teaching piano to beginners of all ages; a survey of suitable teaching materials for all grades, including discussion of the technical and musical problems involved. One class period and one period of supervised teaching a week.

Prerequisite: permission of the instructor.

Offered as needed.

3311 Instrumental Conducting

4 credits

An analysis of the principles and practices of instrumental conducting, development of conducting pattern skills, score analysis, rehearsal procedures, and program development.

Prerequisites: Music 1201, 1204, MUT 2202 and permission of the instructor.

Co-requisite, participation in the College Band.

4205 Senior Recital

0 credits

The last formal performance required of all music majors. Non-majors with private lesson experience at the College may be eligible to give a senior recital, but only with permission of the private instructor. Refer to the Music Department handbook for guidance on preparation for Senior Recitals.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in Music

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internships in Music

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

Prerequisite: permission of the instructor.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in Music

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Music Ensemble Course Descriptions (MUE)

1101 College Band

0-1 credits

All-college wind and percussion ensemble that performs compositions from all periods of musical history. At least two public concerts are given each year.

1102 College Choir

0-1 credits

All-college choral ensemble that performs compositions from all periods of musical history. At least two public concerts are given each year.

1103 Madrigal Singers

0-1 credits

A select ensemble of singers which explores unaccompanied choral music from diverse stylistic periods. Public performances are given throughout the year.

Prerequisite: permission of the instructor.

Corequisite: participation in the College Choir.

1104 Musical Theatre Workshop

0-1 credit

An opera and musical theatre performance class. Performances of scenes from the opera repertory and the American musical theatre are partially staged; at least one public performance is given.

Prerequisite: permission of the instructor.

Offered each year in the spring semester only.

1105 Gospel Choir

0-1 credit

An all-college choral ensemble that explores the sacred musical styles of the African-American traditions. Public performances are given throughout the year.

Prerequisite: permission of the instructor.

1106 Orchestra

0-1 credit

Provides students and community members of all ability levels the opportunity to play with the full complement of orchestral sounds. Two separate ensembles provide for excellent performing and educational opportunities to both novice and advanced players. The orchestra is an independent community organization.

Prerequisite: permission of the instructor.

1107 Collegium

0-1 credit

A joint venture with students and community members to sing and play replicas of Medieval and Renaissance instruments. Music written before 1700 is performed in a variety of settings both on and off campus. Offered as needed.

Prerequisite: permission of the instructor.

1109 Jazz Choir

0-1 credit

A select ensemble of singers which explores a variety of jazz vocal styles. Public performances take place throughout the year. Offered as needed.

Prerequisite: permission of the instructor.

Corequisite: participation in the College Choir.

1110-1125 Chamber Ensembles

0-1 credit

A comprehensive survey by performance of the ensemble literature of diverse origins and styles for each of the ensembles listed. Public performances are given.

Prerequisite: permission of the instructor.

1110 Flute Choir

1111 Flute Quartet

1112 Woodwind Quintet

1113 Saxophone Quintet

1114 Jazz Combo

1115 Clarinet Choir

1116 Brass Quintet

1117 String Ensemble

1118 String Quartet

1119 Electric Bass Ensemble

1120 Jazz Ensemble

1121 Percussion Ensemble

1122 Keyboard Ensemble

1123 Guitar Ensemble

1124 Female Gospel Jubilee Group

1125 Male Gospel Jubilee Group

3353 Musical Theatre Scene Study

4 credits

This course is designed for advanced acting and music students interested in developing musical theatre skills. Using contemporary American and British musical theatre texts, students will be taught to apply acting, singing, and movement techniques to bring characters to life on stage. Professors from both the Music and Theatre Arts departments will collaborate to develop the student's craft.

Prerequisites: Theatre Arts 1113 or 1151, Music 1104, and by audition during first week of class.

Cross-listed with Theatre Arts 3353.

Music Literature Course Descriptions (MUL)

1134 Music Appreciation

4 credits

A study of music through its elements, rhythms, melody, harmony, form, timbre; a survey of various musical styles. Increased listening perception in all types of music is the course goal. Humanities.

MUL 1136 History of Rock and Roll

4 credits

This class analyzes Rock and Roll music from its earliest beginnings and influences to the present. A wide array of popular music, topics and artists will be discussed and analyzed. Humanities.

1137 The Art of Great Songs

4 credits

The class surveys 20th-century American popular song literature and popular music song structures and styles, from pop and hip-hop to country and jazz, and from this process, shows the students how to compose an original song. Humanities.

1140 World Music Survey

4 credits

What does music of India have in common with Mozart? How does Indonesian music compare with African music? This course presents a brief and broad survey of a variety of music cultures of the world. We will consider the common threads these musics have as well as learn to appreciate their beautiful differences. Humanities.

1151 (FR) Music and Words as a Quest for Expression and Meaning

4 credits

This course explores the meaning of a variety of works chosen from drama, literature, poetry, and music. This course emphasizes skills of analysis and appreciation to allow students to understand each of these works as reflecting the world view of its time and also to appreciate it as a universal expression of humanity's search for meaning. Humanities.

1152 Diversity and Meaning in Popular Music

4 credits

Exploration of various types of popular music, their historical origins, cultural contexts, and meanings to their audience. It also examines how the diversity of the United States is represented in the music its populations create and consume. Humanities.

2203, 2204 Music of the Western World I, II

4, 4 credits

A survey of music in the Western World from the earliest rhythms and songs to the complex subtleties of the 20th century, observed against the backdrop of cultural history. Heritage Sequence, Humanities.

2205 History and Literature of the Piano

4 credits

A survey of literature for harpsichord, clavichord, and piano; a study of the development of these instruments and the history of piano technique and performance. Humanities.

2208 Music in the United States

4 credits

A survey of the cultivated traditions of American music, from Colonial times to the present. Humanities.
Offered in 2003-2004 and alternate years.

2210 History of Jazz

4 credits

A survey of the stylistic transformations that have taken place in jazz since 1900, with a study of the social and political conditions that have exerted a powerful influence on jazz artists. Humanities.
Offered in 2002-2003 and alternate years.

2212 World Music

4 credits

Surveys in musical traditions other than those of the Western European-American stylistic periods. Global Perspective, Humanities.
Cross-listed with Cross Cultural Studies 2212.

2214 Masters in Music

4 credits

A study of one major composer's life and representative composition. Humanities.
Offered as needed.

2216 History of Musical Theatre

4 credits

A survey of musical theatre from its beginning to the present, studied in relation to its historical, literary, and cultural background. Included is study of such musical theatre forms as opera, operetta, ballad opera, and musicals. Humanities.
Cross-listed with Theatre Arts 2216.
Offered in 2003-2004 and alternate years.

2220 Future Music

4 credits

An exploration of different types of composition in the 20th century including art musics such as chance, minimalism, and serial composition, as well as jazz, pop, and crossover strains. It considers the diverse influences on today's composition, such as Chinese philosophy, commerciality, African drumming, and music of India. Humanities.
Offered as needed.

2231 History of African-American Music, I

An exploration of the European and African roots of African-American music prior to and at the beginning of North American colonization. In this course students study early European and African musical cultures as well as the synthesis and tensions of the two brought together by the slave trade in the United States.

Heritage Sequence, Humanities.

2232 History of African-American Music, II

An examination of African-American classical and popular musics from the Revolutionary War into the 21st century. In this course students explore the sounds, contexts, and receptions of African-American musical cultures and their impact on other American cultures.

Heritage Sequence, Humanities.

2235 History of Gospel Music

4 credits

An overview of black gospel music in America covering spirituals, traditional and contemporary gospel. Sociological conditions and important works by key figures in a variety of styles will be coupled with lectures and reading.

Humanities.

Cross-listed with Religious Studies 2235.

Offered in spring 2004 and alternate years.

*Music Theory Course Descriptions (MUT)***1102 Aural Musicianship I**

2 credits

The study and practice of ear-training incorporating the basic musical elements: (1) melody, (2) harmony, and (3) rhythm. This course emphasizes the beginning development of musicianship skills which include sight-singing (using movable do solfege) and dictation exercises.

Prerequisite: This course is to be taken concurrently with MUS 1131 or by permission of the instructor.

1103 Aural Musicianship II

2 credits

The continuation of Aural Musicianship I. This course emphasizes the continuing development of musicianship skills, which includes sight-singing (using movable do solfege) and dictation exercises.

Prerequisite: This course is to be taken concurrently with MUS 1132 or by permission of the instructor.

1104 Aural Musicianship III

2 credits

The continuation of Aural Musicianship II. This course emphasizes the continuing development of musicianship skills, which includes sight-singing and dictation exercises. More emphasis will be placed on hearing, dictating, and singing altered melodies and harmonies.

Prerequisite: This course is to be taken concurrently with MUS 2201 or by permission of the instructor.

1105 Aural Musicianship IV

2 credits

The continuation of Aural Musicianship III. This course emphasizes the continuing development of musicianship skills, which includes sight-singing and dictation exercises. More emphasis will be placed on hearing, dictating, and singing altered melodies and harmonies. The hearing of the 20th-century music will be introduced.

Prerequisite: This course is to be taken concurrently with MUS 2202 or by permission of the instructor.

1126 An Introduction to MIDI

2 credits

This course provides the student with opportunities to use the computer as a tool for creating and performing music. It is taught using computer software and a MIDI keyboard with an emphasis on both MIDI sequencing and music notation programs.

Prerequisites: Ability to read music and permission of the instructor.

1130 Music Fundamentals

2 credits

Music Fundamentals is a very basic music theory course for those with little or no background in the formal study of music. The class will focus on studying the building blocks of music — scales, intervals and chords. The multi-faceted approach will include ear training, sight singing, and basic keyboard skills. Students will learn to read rhythmic, melodic, and harmonic notation.

1131, 1132 Music Theory

4, 4 credits

Basic knowledge of musical materials, written and keyboard harmony through the dominant seventh chord, sight singing, melodic and harmonic dictation. Some aspects of orchestration will also be included.

2201, 2202 Advanced Music Theory I, II

4, 4 credits

The continuation of Music 1131, 1132 through the use of remote harmonies, 20th-century compositional styles, counterpoint, and form. Special emphasis will be given to analysis.

Prerequisite: Music 1132 or permission of the instructor.

3309 Counterpoint

4 credits

Study of 18th-century counterpoint with an emphasis on both analysis and composition.

Prerequisites: Music 2202, 1204 and permission of instructor.

Offered as needed.

3310 Form and Analysis

4 credits

Detailed study of the structural principles and forms of tonal music.

Prerequisites: Music 2202, 1204 and permission of instructor.

Offered as needed.

Philosophy

Associate Professors Alles, Hadley, Jakoby (Department Chair), and Wu.

Areas of particular teaching interest:

Professor Alles: religions of South Asia and the Mediterranean world, method and theory in the study of religions; Professor Wu: contemporary philosophy, East Asian studies, philosophy of science; Professor Hadley: ethics, Western religious thought, comparative religious thought; Professor Jakoby: 19th- and 20th-century continental philosophy.

Philosophy has been called the queen of sciences because it deals with basic questions concerning our world and ourselves, the underlying ideas upon which the more specialized disciplines are based. Because its methodology is one of rigorous and critical thinking, students find it

a valuable preparation for such fields as law, medicine, business, literature, history, and religion, to mention a few. Courses are offered in both the historical and contemporary perspectives, with many of them being issue-oriented.

Philosophical studies are generally divided into two groups: the historical and the issues-oriented. Courses in the history of philosophy cover topics from early Greek thought to contemporary philosophy and are closely related to other fields of study such as the sciences, literature, political thought, the arts, language, and economics. Issues-oriented courses deal with the nature of knowledge and truth, the meaning of justice, and ethical values of our time such as war, sex, honesty in government and business, the determination of freedom, the relationship between mind and body, the most desirable society, and gender relations.

The Department offers classes in Continental, Anglo-American, and Asian philosophy and a number of courses in Asian civilization which allow students to explore various ways of living, thinking, expression, and self-development.

Students may plan their programs for general liberal education, for graduate study, or for special objectives in related fields.

Other Educational Options in Philosophy:

Dual major in Philosophy and Religious Studies, and special programs combining Philosophy and other disciplines.

BASIC MAJOR (40 HRS)

Required:

PHI 1101 Fundamental Questions

PHI 1102 Critical Thinking

PHI 1113 History of Ancient & Medieval Philosophy

PHI 1114 History of Modern Philosophy

PHI 2233 Elementary Logic

PHI 4492 Capstone – Thesis in Philosophy
One Ethics course:

PHI 1105 Contemporary Issues in Ethics

PHI/BUA 2210 Ethics & Business

PHI/BIO 3350 Bioethics

One Special Topics course:

PHI 2265, 2266, 3365, 3366

Two additional courses in Philosophy, 2000 level or higher

Recommended:

Two courses in each of the following:

History, Comparative Literature, British or American Literature

One course in each of the following:

Cross Cultural Studies, Psychology, Sociology, Mathematics

Suggested First-Year Schedule:

Philosophy 1101 or 1102

Mathematics

English Composition

Foreign Language

First-year Seminar

History

MINOR IN PHILOSOPHY (20 HRS)

One course in the history of philosophy:

PHI 1113 History of Ancient & Medieval Phil.

PHI 1114 History of Modern Philosophy

PHI 2217 Contemporary Philosophy

One Ethics course:

PHI 1105 Contemporary Issues in Ethics

PHI/BUA 2210 Ethics & Business

PHI/BIO 3350 Bioethics

Three additional courses in Philosophy, at least two of which are 2000 level or higher

DUAL MAJOR: RELIGIOUS STUDIES – PHILOSOPHY (50 HRS)

REL 1102 Religion & Culture or REL 1151

The Good Life

REL 2240 Religion & Critical Thought

One course from:

Historical and analytical studies of religions

One course from:

Religious thought and ethics

One course from:

Religious Studies, 2000 level or higher

PHI 1102 Critical Thinking

PHI 1113 History of Ancient and Medieval Philosophy

PHI 1114 History of Modern Philosophy

One Ethics course; select from:

PHI 1105 Contemporary Issues in Ethics

PHI/BUA 2210 Ethics & Business

PHI/BIO 3350 Bioethics

Two additional courses in Philosophy, 2000 level or higher

Two hours of:

REL 2291 Directed Readings in Religious Studies or PHI 2291 Directed Readings in Philosophy

REL 4492 Capstone – Senior Thesis or PHI

4492 Capstone – Senior Thesis

NOTE: Contact the Religious Studies Department for courses that satisfy the requirements for historical and analytical studies and religious thought and ethics.

Contacts: Drs. Alles, Hadley, and Jakoby

Philosophy Course Descriptions (PHI)

1101 Fundamental Questions

4 credits

A study of selected thinkers dealing with basic epistemological, metaphysical, and ethical questions. The course may include issues such as theories of knowledge and reality, the relationship of philosophy to daily life situations, science, and religion.

Humanities.

1102 Critical Thinking

4 credits

A study designed to improve the student's critical thinking and reasoning skills. This course will examine different styles of informal and formal reasoning found in a variety of contexts. Emphasis will be placed on identifying and avoiding common fallacies and forms of pseudo-reasoning, uncovering hidden assumptions and evaluating the relative merits of rational arguments and decision-making procedures.

Humanities.

1105 Contemporary Issues In Ethics

4 credits

An introduction to the major ethical theories including Aristotle's Theory of Happiness, Kant's concept of duty, Act and Rule Utilitarianism, Pragmatism, Ethical Egoism, and their contemporary versions; and to the major issues of our day such as abortion, euthanasia, the rights of animals, racism and sexism, professional conduct, capital punishment, war and peace, civil disobedience, law versus conscience, and environment and biological topics.

Humanities.

1113 History Of Ancient And Medieval Philosophy

4 credits

An introduction to philosophy from an historical approach. The course includes the writings of Homer and Hesiod and the early myths, the Pre-Socratics, Socrates, Plato, Aristotle, the Late Classical Period including the Stoics, Epicureans, Sceptics, and Neo-Platonists, and the thought of the Middle Ages with emphasis upon Augustine, the Mystics, Thomas Aquinas, Roger Bacon, and William of Occam's "Nominalism."

Heritage Sequence, Humanities.

1114 History of Modern Philosophy

4 credits

A study of 17th- and 18th-century philosophy, the period from Bacon and Descartes to Rousseau and Kant. This course investigates the philosophers' attempts to deal with radical religious, political, and scientific upheavals.

Prerequisite: Philosophy 1113.

Heritage Sequence, Humanities.

1151 (FR) Philosophy Around the World

4 credits

A selective survey of philosophical concepts from Eastern, Western and marginalized (e.g. African, Latin-American, Feminist, and working-class) perspectives. Themes of epistemological, ontological, ethical, and metaphysical relevance will be analyzed across multidisciplinary boundaries (philosophical readings will be coordinated with literary and scientific texts) and find their pragmatic application in a built-in, service-learning component.

Humanities.

2202 Zen and Creativity

4 credits

A study of Zen's way of life through a close look at the Zen classics, Zen practices, and the poetry and paintings which successfully express the Zen attitude in life. The Zen view of beauty (both in nature and art) and Zen exercises such as Chinese calligraphy, meditation, and discussions of Koans (paradoxes) will be included.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2202.

2209 Existence, Alienation, and the Search for Meaning

4 credits

A study of thinkers and schools that deal with the nature and meaning of human existence, the threat of modern anonymity and collectivism, and the search for meaning and value in an absurd world. The course will begin with the roots of existentialist thought in the Greek and Hebraic-Christian traditions, continue through such thinkers as Blaise Pascal, Dostoevsky, Kierkegaard, and Nietzsche, and concentrate on 20th-century thought including Kafka, Heidegger, Jaspers, Sartre, Camus, and American writers such as John Barth, Walker Percy, and John Updike.

Humanities.

2210 Ethics And Business

4 credits

A consideration of some of the major ethical issues in business: the profit motive and the public good, social responsibility of corporations, environmental concerns, consumer and employee relations, the role of the state, advertising practices, conflict of interest and of obligation, and hiring practices.

Humanities.

Cross-listed with Business Administration 2210.

Offered as needed.

2217 Contemporary Philosophy

4 credits

A study of the major philosophical figures and movements of the 19th and 20th centuries. This course will consider the critical and radical changes in thinking about history, religion, morality, society, and the nature of human existence that occurred in this period. Thinkers will include Schopenhauer, Marx, Nietzsche, Wittgenstein, Heidegger, Derrida, Foucault, and Rorty.

Humanities.

2218 Women and Philosophy

4 credits

A survey of the relationship of traditional philosophy to women and the development of feminist philosophical movements: liberal, Marxist, existentialist, radical, and postmodern. Themes will include the myth of woman, male/female relationships, and gender ethics.

Humanities.

2219 East Asian Philosophy*4 credits*

A study of the history and literature of the major East Asian philosophical schools, with emphasis on the presuppositions concerning man and nature. Schools of thought which will receive special attention include Confucianism, Daoism, Mohism, Yin-Yang, Neo-Confucianism, Zen, and Shinto. The course concludes with a comparison of the general characteristics of East Asian philosophy and Western philosophy. Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2219.

2225 Philosophy and Practice of**Tai Chi (Tai Ji)***4 credits*

Theory and practice of a Chinese meditative exercise which is calisthenics, martial art, breathing exercises, dance, meditation, and prayer. Interpretations and critiques of the writings of the Daoist masters such as Lao Zi and Zhuang Zi will be included. The complete Tai Chi sequence of 108 movements will be practiced. The course emphasizes understanding the Daoist philosophy at the level of intellectual cognition as well as at the level of affective penetration and concrete experience. Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2225.

2233 Elementary Logic*4 credits*

An introduction to formal logic, propositional and predicate. The study of various forms of inference, theorems, derivations, and proofs.

2291 Directed Readings in Philosophy and Religious Studies*1 credit*

A close reading of a major text in philosophy and/or religious studies. Students will also become familiar with selected critical studies of the text. Course may be repeated up to four semesters for credit.

3302 Classical Indian Philosophy*4 credits*

A rigorous introduction to the classical Indian tradition of philosophical thought, from its roots in the Vedas and Upanishads to its systematization in the six orthodox (astika)

schools. Attention is also given to the "heterodox" views of the Buddhists, the Jains, and the "materialists."

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 3302 and Religious Studies 3302.

Offered as needed.

3311 Philosophy of Religion*4 credits*

A study of the rationality of religious beliefs and an examination of the traditional philosophical arguments for and against the existence of God.

Humanities.

3318 Philosophy of Science*4 credits*

A critical analysis of science as an enterprise which produces knowledge. The course examines the conceptual structures and methods used in scientific investigation and discovery, focusing on the role of scientific laws and theories in the explanation and prediction of phenomena. The relationship between the physical and the social sciences as well as selected issues between philosophy of science and epistemology will be discussed.

Offered as needed.

Humanities.

3350 Bioethics*4 credits*

A study of ethical issues in biology and medicine including health care policies, euthanasia, scientific fraud, and reproductive technologies. This course will explore these and similar issues and case studies and create a framework for ethical decision making based on philosophical principles.

Humanities.

Cross-listed with Biology 3350.

4492 Thesis in Philosophy*4 credits*

A directed project of research and writing a major paper on a topic agreed upon by the instructor and the student. The project extends over two semesters, but with four credit hours given with the completion of the thesis for both semesters' work.

Prerequisite: Permission of instructor.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics In Philosophy

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internships In Philosophy

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies In Philosophy

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Physics

Professor Pagonis; Assistant Professors Marx and Mian (Department Chair); Adjunct Lecturers Stempel and Toller.

Areas of particular teaching interest:

Professor Pagonis: solid state physics, applications of microcomputers in the laboratory, archaeological dating; Professor Mian: non-linear optical properties; Professor Marx: Physics education research; Instructor Stempel: science education; Instructor Toller: Astronomy.

The Physics Department is dedicated to providing students with the essential skills and knowledge to pursue a wide range of professional careers. Alumni of the physics department have gone on to professional positions in private industry, engineering, the U.S. Army, and local software companies as well as graduate studies in physics. The physics degree is appropriate for further study in law, medicine, teaching, the social sciences, engineering, mathematics, computer science, and the natural sciences (astronomy, biology, chemistry, geology, meteorology, and oceanography).

A large number of physics majors have been admitted to highly ranked universities to pursue graduate study in physics. Examples include the University of Maryland, Virginia Tech, University of Pennsylvania, College of William and Mary, Purdue University, Georgetown University, and Washington University at St. Louis.

Other Educational Options in Physics:

Computer Science concentration; Dual major with Mathematics; Pre-Engineering, Teacher Certification Secondary (middle/high school). A minor is available in Physics.

BASIC MAJOR (49 HRS)

Required Courses:

PHY 1101 General Physics I

PHY 1102 General Physics II

PHY 1103 Applied Electronics & Computers

PHY 2204 Introduction to Modern Physics

PHY 2211 Mathematical Physics

PHY 2212 Intermediate Mechanics

PHY 3311 Intermediate Electricity &

Magnetism

PHY 4491 Capstone – Physics Seminar (1 hr)

MAT 1117 Calculus I

MAT 1118 Calculus II

Two courses from:

PHY 1151 Computer Interfacing for Scientists

PHY 2209 Optics & Waves

PHY 3309 Topics in Quantum Mechanics

PHY 4402 Intro. Quantum Mechanics

CHE 3308 Physical Chem. II

PHY/GSC 1111 Introductory Astronomy

One course from:

CSC 1106 Fundamentals of Computing I

MAT 2218 Linear Algebra

MAT 2219 Calculus III

MAT 3304 Differential Equations

CHE 1101 Intro Chem I: Structure &

Bonding

CHE 1102 Intro Chem II: Chemical

Reactivity

Recommended Courses:

PHY 1151 Computer Interfacing for Scientists

PHY 3309 Topics in Quantum Mechanics

PHY 4402 Introductory Quantum Mechanics

CHE 1101 Intro Chem I: Structure & Bonding

CHE 1102 Intro Chem II: Chemical Reactivity

CSC 1106 Fundamentals of Computing I
CSC 1107 Fundamentals of Computing II

Suggested First-Semester Schedule:

Physics 1101 General Physics I
English Composition (based on placement)
First-year Seminar
Mathematics (based on placement)

**PHYSICS WITH A CONCENTRATION
IN COMPUTER SCIENCE (49 HRS)**

Required Courses:

PHY 1101 General Physics I
PHY 1102 General Physics II
PHY 1103 Applied Electronics & Computers
PHY 1151 Computer Interfacing for Scientists
PHY 2211 Mathematical Physics
PHY 2212 Intermediate Mechanics
PHY 4491 Capstone – Physics Seminar (1 hr)
MAT 1117 Calculus I
MAT 1118 Calculus II
CSC 1106 Fundamentals of Computing I
CSC 1107 Fundamentals of Computing II
Two courses of Computer Science electives at
the 2000 or 3000 level

MINOR IN PHYSICS (24 HRS)

Required:

PHY 1101 General Physics I
PHY 1102 General Physics II
Four courses in Physics at the 2000 level or
above

**DUAL MAJOR: PHYSICS –
MATHEMATICS (63 HRS)**

Required:

PHY 1101 General Physics I
PHY 1102 General Physics II
PHY 2204 Introduction to Modern Physics
PHY 2211 Mathematical Physics
PHY 2212 Intermediate Mechanics
PHY 3311 Intermediate Electricity &
Magnetism
MAT 1118 Calculus II
MAT/CSC 2210 Introduction to Numerical
Methods
MAT 2218 Linear Algebra
MAT 2221 Fundamental Concepts of Algebra
MAT 3304 Differential Equations
MAT 3316 Complex Analysis

MAT 3323 Probability

CSC 1106 Fundamentals of Computing

One course chosen from:

PHY 2209 Optics & Waves
PHY 3309 Topics in Quantum Mechanics
PHY/CH 3315 Phys. Chem. II: Thermo.

Two hours from:

Mathematics Problem Seminar
PHY 4491 Capstone – Physics Seminar (1
hr) or MAT 4494 Capstone Experience
in Mathematics (1hr)

Contacts: Dr. Pagonis, Physics

Dr. R. Boner, Mathematics

**PHYSICS WITH SECONDARY (7-12)
TEACHER CERTIFICATION (89 HRS)**

Course requirements for the education minor
are subject to changes reflecting State of
Maryland certification regulations. (See
education section.)

Required:

Basic Physics Major
EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching & Learning in a
Diverse Society
EDU 2240 Planning & Evaluating Instruction
PSY 1106 Contemporary Psychology
PSY 3306 Adolescent Development &
Behavior
Provide Certifying Scores on Praxis I
EDU 3350 Methodology in Science
EDU 4417 Reading in the Content Area I

Semester in Education:

EDU 4418 Reading in the Content Area II
EDU 4432 Secondary Student Teaching (middle)
EDU 4434 Secondary Student Teaching (high)
Provide Certifying Scores on Praxis II
PSY 1106 Contemporary Psychology
PSY 3306 Adolescent Development &
Behavior
CSC 1106 Fundamentals of Computing I

Graduate study recommendations:

PHY 2209 Optics & Waves
PHY 3309 Topics in Quantum Mechanics
PHY/CH 3315 Phys. Chem. II: Thermo.
PHY 4402 Introductory Quantum Mechanics
CHE 1101 Intro Chem I: Structure & Bonding
CHE 1102 Intro Chem II: Chemical Reactivity
CSC 1106 Fundamentals of Computing I

MAT 3304 Differential Equations

One course from:

MAT 2218 Linear Algebra

MAT 2219 Calculus III

MAT 3316 Complex Analysis

PHYSICS – ENGINEERING MAJOR

This is designed as a five-year program.

During the first three years, students are enrolled at the College, and during the last two years at an approved engineering school. At the present time the College has established programs with the University of Maryland and with Washington University; however, students may elect to attend any accredited engineering school.

A special two-year scholarship is available through Washington University (St. Louis), if students follow the five-year pre-engineering program. This half-tuition scholarship (worth up to \$14,000) is awarded to qualified students for two years of undergraduate study at Washington University (St. Louis). See Dr. Pagonis for more information on the scholarship.

Successful completion of the program provides students with a Bachelor of Arts degree in Physics from the College and a Bachelor of Science degree in engineering from the engineering school; the College's degree is awarded upon notification by the engineering school that students have met all requirements for the engineering degree. During the three years at the College, students must complete 96 semester hours, the basic liberal arts requirements, and the courses listed under Pre-Engineering in this catalog. In addition to these courses, there may be specific courses required by the engineering school to which students wish to transfer. Students are urged to select the desired school by the beginning of the sophomore year in order that those requirements can be considered in planning the College program. If students are interested in an engineering career, they should also consider the advantages of completing a standard four-year physics major program prior to transfer to an engineering school. With two additional years of study at an engineering school, students should complete a bachelor's degree in engineering, and may be able to complete a master's degree in engineering.

Contact: Dr. Pagonis, *Physics*

Physics Course Descriptions (PHY)

1101, 1102 General Physics I, II

4, 4 credits

An introduction to the fundamental phenomena, concepts, and theories of physics. The first semester deals with mechanics and heat. The second semester deals with electricity and magnetism, wave phenomena, and quantum physics.

Courses include laboratory.

Prerequisite: Mathematics 1107 or permission of the instructor.

Natural Science and Mathematics.

1103 Applied Electronics and Computers

4 credits

An introduction to electronics with emphasis on laboratory applications of electronics. The use of microcomputers for data collection and analysis is emphasized. Topics include analog and digital electronics and uses of the microcomputer in the science laboratory. No previous experience with electronics is necessary. Course includes laboratory.

1111 Introductory Astronomy

4 credits

A study of the stars and stellar evolution, the solar systems, galaxies, and cosmology, with emphasis on contemporary topics.

Natural Science and Mathematics.

Cross-listed with General Science 1111.

1151 (FR) Computer Interfacing for Scientists

4 credits

Intended primarily for students majoring in the sciences and mathematics. Specifically, the course will focus on different methods by which scientists collect, analyze, and present data using the computer. After collecting the data in the lab, students will set up a numerical model and will compare it to the actual experimental data. Specific examples will be taken from physics, biology, and chemistry laboratories. The course will involve some computer programming using the language TrueBasic, but no previous programming experience is necessary.

Natural Science and Mathematics.

Cross-listed with General Science 1151.

2204 Introduction To Modern Physics

4 credits

Quantization, wave and particle aspects of matter, elementary quantum mechanics, atomic and molecular structures, solids, and nuclei.

Course includes laboratory.

Prerequisites: Physics 1102, Mathematics 1118.

Offered in 2001-2002 and alternate years.

2209 Optics And Waves

4 credits

Geometrical and physical optics, with emphasis upon the latter; study of wave phenomena such as polarization, interference, diffraction, and scattering; comparison of electromagnetic and mechanical waves. Course includes laboratory.

Prerequisites: Physics 1102, Mathematics 1118.

Offered in 2001-2002 and alternate years.

2211 Mathematical Physics

4 credits

The application of mathematics to physical systems. Topics studied are techniques of integration, vector calculus, Fourier analysis, complex algebra, and some matrix methods.

Prerequisites: Physics 1102, Mathematics 1118.

2212 Intermediate Mechanics

4 credits

Newtonian mechanics applied to the motion of particles and systems, conservation laws, motion of rigid bodies, central force problems. Course includes laboratory.

Prerequisite: Physics 2211.

3308 Physical Chemistry II: Thermodynamics and Equilibria

4 credits

A study of the laws of thermodynamics and their application to chemical and physical equilibria and the macroscopic properties of matter. Course includes laboratory.

Prerequisites: Chemistry 1102, Physics 1102, Mathematics 1118; Chemistry 2219 is strongly recommended.

Cross-listed with Chemistry 3308.

3309 Topics In Quantum Mechanics

4 credits

Intensive study of one or two areas of contemporary physics such as atomic physics,

elementary particle physics, molecular physics, nuclear physics, quantum statistical mechanics, and solid state physics.

Prerequisites: Physics 2204, 2211.

Offered in 2001-2002 and alternate years.

3311 Intermediate Electricity And Magnetism

4 credits

Electrostatics in free space and in dielectric media, magnetostatics in free space and in magnetic media, scalar, and vector potentials, electromagnetic induction, introduction to Maxwell's equations.

Course includes laboratory.

Prerequisite: Physics 2211.

Offered in 2002-2003 and alternate years.

4402 Introductory Quantum Mechanics

4 credits

Origins of quantum theory, the Schrodinger equation, physical meaning of quantum mechanics, solutions of one- and three-dimensional problems.

Prerequisites: Physics 2204, 2211.

Offered in 2001-2002 and alternate years.

4491, 4492 Physics Seminar

1 credit

Study of advanced topics in physics, emphasizing each semester one matter of particular importance to contemporary physics. Students are required to present material relevant to the topic.

2265; 2266; 3365; 3366; 4465; 4466 Special Topics In Physics

4 Credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496 Internships In Physics

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499 Independent Studies In Physics

0-4 credits

Directed study planned and conducted with reference to the needs of those students who

are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Political Science and International Studies

Professors Neal (Department Chair) and H. Smith; Associate Professor Leahy; Assistant Professor Franke; Visiting Instructor Johnson-Ross; Adjunct Lecturer Zepp.

Areas of particular teaching interest: Professor Smith: state and local governments, public administration, national and Maryland elections and campaigns; Professor Leahy: comparative politics of Western Europe, developing nations and communist nations, methodology of comparative politics; Professor Neal: judicial process, political theory, American political behavior; Professor Franke: security studies, international law, foreign policy; Johnson-Ross: African politics, gender and ethnic issues.

To study the science and arts of politics is to examine and understand human behavior in a governmental context. The major in political science provides an informed sense of knowledge about governmental systems in general and of the American government and world affairs in particular. The curriculum in political science is directed towards an understanding of National and International Studies. It extends a particularly useful professional background for public service at the local, state, national, or international levels, for law, or for journalism, social work, teaching, and school administration.

Opportunity is afforded to a limited number of students to participate in an off-campus program at the Washington Semester at The American University.

Other Educational Options in Political Science:

Dual majors with Economics, English, Foreign Language, History; Pre-Legal; Teacher Certification in Secondary (middle/high school) Social Studies. Minors are also available in Political Science and International Studies.

BASIC MAJOR (42 HRS)

Required:

PSI 1101 Introduction to Political Science
PSI 1111 Early Western Political Thought or
PSI 1112 Modern Western Political Thought

PSI 4492 Capstone – Senior Seminar

Two hours of Independent Studies

Three/four courses from:

PSI 2201 American Political Institutions
PSI 2202 State & Local Government
PSI 2207 American Public Policy
PSI 2216 United States Campaigns & Elections

PSI/BUA 3305 Public Administration
PSI 3308 American Constitutional Law
PSI 3319 American Civil Liberties

Three/four courses from:

PSI 2203 International Law & Organization
PSI 2204 Approaches to International Relations

PSI 2213 Comparative Politics of West. Eur. Politics

PSI 3307 American Foreign Policy
PSI/CCS 3310 Politics of Developing Areas
PSI/CCS 3317 Comparative Politics of Communist & Postcommunist Political Systems

(Students must take a total of seven courses from the two groups above.)

Recommended:

Computer Science
Economics
Literature
Philosophy
Psychology
Social Work

Suggested First-Year Schedule:

Political Science 1101

One course from:

Foreign Language
Science
Social Science
Humanities
First-year seminar
English Composition (based on Placement)
Physical Education Activity or Military Science

**TRACK IN INTERNATIONAL STUDIES
AND COMPARATIVE GOVERNMENT
(48 HRS)**

Required Courses:

PSI 1101 Introduction to Political Science
PSI 2203 International Law & Organization
PSI 2204 Theories & Approaches to

International Relations

Two courses selected from the following:

PSI 2213 Comparative Politics of West.
Eur. Politics

PSI/CCS 3310 Politics of Developing Areas

PSI/CCS 3317 Comparative Politics of
Communist & Postcommunist Political
Systems

Two Foreign Language courses beyond the
College requirement

Four additional courses in consultation with
the student's academic adviser. These might
include courses in History, Economics,
Statistics, Psychology, or Foreign
Languages.

PSI 4492 Capstone – Senior Seminar

**MINOR IN POLITICAL SCIENCE
(24 HRS)**

PSI 1101 Introduction to Political Science
PSI 1111 Early Western Political Thought or
PSI 1112 Modern Western Political
Thought

Two courses from:

PSI 2201 American Political Institutions
PSI 2202 State & Local Government
PSI 2207 American Public Policy
PSI 2216 United States Campaigns &
Elections

PSI/BUA 3305 Public Administration
PSI 3308 American Constitutional Law
PSI 3319 American Civil Liberties

Two courses from:

PSI 2203 International Law & Organization
PSI 2204 Approaches to International
Relations

PSI 2213 Comparative Politics of West.
Eur. Politics

PSI 3307 American Foreign Policy

PSI/CCS 3310 Politics of Developing Areas

PSI/CCS 3317 Comparative Politics of
Communist & Postcommunist Political
Systems

**MINOR IN INTERNATIONAL STUDIES
(24 HRS)**

PSI 1101 Introduction to Political Science
PSI 2204 Approaches to International
Relations

One course from the following:

PSI 2213 Comparative Politics of West.
Eur. Politics

PSI/CCS 3310 Politics of Developing Areas

PSI/CCS 3317 Comparative Politics of
Communist & Postcommunist Political
Systems

One Foreign Language course beyond the
College requirement

Two additional courses in consultation with
the student's academic adviser.

**DUAL MAJOR: POLITICAL SCIENCE –
ECONOMICS (56 HRS)**

PSI 1101 Introduction to Political Science
PSI 1111 Early Western Political Thought or
PSI 1112 Modern Western Political
Thought

PSI 4492 Capstone – Senior Seminar
Twelve additional credits in Political Science
ECO 2201 Principles of Economics
ECO 3303 Microeconomic Theory
ECO 3320 Macroeconomic Theory
ECO 4405 Capstone – History of Economic
Thought (4405 must be taken at the
College.)

Eight hours of Economics at the 3000 or 4000
level

STA 2215 Elementary Statistics for Social
Science

STA 2216 Statistical Methods

*Contacts: Dr. H. Smith, Political Science and
International Studies
Dr. J. Olsb, Economics*

**DUAL MAJOR: POLITICAL SCIENCE –
ENGLISH (52 HRS)**

Required:

PSI 1101 American Political Institutions
PSI 1111 Early Western Political Thought or
PSI 1112 Modern Western Political
Thought

Three additional Political Science courses
PSI 4492 Capstone – Senior Seminar

One course from:

- ENG 2230 Beowulf to Mallory
- ENG 2231 Renaissance Literature

One course from:

- ENG 2232 Enlightenment Literature
- ENG 2233 Romanticism

One course from:

- ENG 2234 Victorian Literature
- ENG 2270 Twentieth-Century Brit. Lit.

Two courses from:

- ENG 2241 Amer. Literature: Colonial & Romantic
- ENG 2242 Amer. Literature: Realism & Naturalism
- ENG 2243 Amer. Literature: Modern & Contemp.

One course from:

- ENG/THE 3350 Shakespeare
- ENG 3360 Chaucer
- ENG 3363 Major Figures & Groups I (British)
- ENG 3364 Major Figures & Groups II (American)

One course from:

- ENG 2250 Post-Colonial Literature
- ENG 2251 Literature by Women
- ENG 2252 Popular Literature
- ENG 2253 Southern Literature
- ENG 2254 Nature Writing
- ENG 2255 The Short Story Cycle
- ENG 2256 Twentieth-Century American Poetry
- ENG 2258 African-American Literature
- ENG 2260 Horror Fiction
- ENG 2271 Contemporary British Literature
- CLT 2219/20 Great Works West. World I & II

*Contacts: Dr. H. Smith, Political Science and International Studies
Dr. Panek, English*

DUAL MAJOR: POLITICAL SCIENCE – FOREIGN LANGUAGE (60 HRS)**

Required:

- PSI 1101 Intro to Political Science
- PSI 1111 Early Western Political Thought or PSI 1112 Modern Western Political Thought
- PSI 4492 Capstone – Senior Seminar
- Three additional Political Science courses

Foreign Language 1101, 1102 (OR 1103), 2211, 2212, 4410 (Capstone - 4410 must be taken at the College)

Four additional Foreign Language courses; only one may be taught in English.

One semester spent studying abroad or one year in residence in a language house on campus.

***Programs are available in French, German, and Spanish.*

*Contacts: Dr. H. Smith, Political Science and International Studies
Dr. Motard-Noar, Foreign Language*

DUAL MAJOR: POLITICAL SCIENCE – HISTORY (48 HRS)

Required:

- PSI 1101 Intro to Political Science
- PSI 1111 Early Western Political Thought or PSI 1112 Modern Western Political Thought
- Three Additional Political Science courses
- HIS 1105 Western Civilization I: Origins-1700
- HIS 1106 Western Civilization II: 1700-Present
- Four upper-level History courses
- PSI 4492 Capstone – Senior Seminar or HIS 4492 Capstone – History Colloquium

*Contacts: Dr. H. Smith, Political Science and International Studies
Dr. T. Evergates, History*

PRE-LAW PREPARATION

Law schools do not require a particular undergraduate major. They are much more interested in the quality of the work done, and generally, a student will do best in the subjects that he or she likes best. Political Science, however, does offer a number of courses especially related to the study of the law e.g., Constitutional Law, International Law, Public Policy, and Civil Liberties.

Contact: Dr. Neal, Political Science and International Studies

POLITICAL SCIENCE WITH SECONDARY (7-12) TEACHER CERTIFICATION IN SOCIAL STUDIES (108 HRS)

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. See Education Minor for more information.

I. Basic Political Science major

II. Required courses:

One course in Economics; Introduction to Political Economy (ECO 1101) is required, but Principles of Economics (ECO 2201) is strongly recommended.

GEO 3316 Geography: A Modern Synthesis

PSY 1106 Contemporary Psychology

PSY 3306 Adolescent Behavior & Development

EDU 1111 Learning in a Diverse Society or

EDU 1141 Teaching & Learning in a Diverse Society

EDU 2240 Planning & Evaluating Instruction

Provide Certifying Scores on Praxis I

EDU 3345 Methodology in Social Studies

EDU 4417 Reading in the Content Area I

EDU 4418 Reading in the Content Area II

EDU 4432 Secondary Student Teaching (middle school 6 hrs)

EDU 4434 Secondary Student Teaching (high school 6 hrs)

Passing Praxis II scores and presentation of Program Portfolio – student-teaching semester.

PSY 3306 Adolescent Development and Behavior

Recommended:

School-Based Internship (100 hours) offered in Jan Term (2 hrs)

CSC 1104 Introduction to Computer Science

Note: Secondary education minors must complete the appropriate major in their teaching field. There are additional courses required for those wishing to teach Biology, English, Foreign Language, Mathematics, Music, Physical Education, and Social Studies. CHECK the teacher education course listings that correspond to your major and identified in this catalog.

III. Required Areas of Emphasis (One area of emphasis, other than your major, is required.):

A. History Emphasis (6 courses)

HIS 1105 Western Civilization I: Origins – 1700

HIS 1106 Western Civilization II: 1700 – Present

Two upper-level (2000) American History courses (One course covering American History before 1865 and one course covering American History after 1865.)

SOC 1103 Introductory Sociology

One Cross-Cultural Studies course*

B. Sociology Emphasis (6 courses)

SOC 1103 Introductory Sociology

SOC/CCS 1108 Cultural Anthropology

Two courses from:

SOC/SWK 2202 The Family

SOC 2203 Urban Sociology

SOC 2212 Social Stratification & Inequality

SOC 2250 Sociology of Deviant & Delinquent Behavior

HIS 1105 Western Civilization I: Origins – 1700 or HIS 1106 Western Civilization

II: 1700-Present

One Cross-Cultural Studies course*

** Cannot be from area of emphasis*

Contact: Dr. Lockard, Education

DUAL MAJOR: POLITICAL SCIENCE – SOCIAL WORK (44 HRS)

The major is designed for students who are interested in assessing and addressing socio-political problems at the local, state, and federal level. Students will study the impact of public policy as it pertains to specific populations and institutions. In addition, students will become familiar with the development and analysis of public policy. International problems and the responsibility of the United States to these countries from both political as well as social perspectives will also be considered. The curriculum includes an emphasis on human behavior and the social environment and its relationship to public opinion, administration, interest groups, and campaign politics. Students are required to participate in an internship during their senior year in a public agency, which involves an integration of macro- and micro-level issues and activities.

This major should be strongly considered by students who have a career interest in community organization, social action legislation, and policy-making. Several graduate schools offer simultaneous degrees in social work and law including the University of Maryland.

Required Social Work courses (44 HRS)

SWK 2202 The Family

SWK 2214 Human Behavior in the Social Environment

SWK 2217 The Institution of Social Work

SWK 3322 Social Work Practice I

SWK 3349 Methods in Social Work

SWK 4417/4418 Field Instruction in Social Work I & II

SWK 4415/4416 Field Instruction Seminar I & II

SWK 3325 Managing Systems in a Macro Environment

Required Political Science courses (32 HRS)

PSI 1101 Introduction to Political Science

PSI 2201 American Political Institutions

PSI 2202 State and Local Government

PSI 2207 American Public Policy

Four courses selected from the following:

PSI 2216 Campaigns and Elections

PSI 3305 Public Administration

PSI 3308 American Constitutional Law

PSI/CCS 3310 Politics of Developing Areas

PSI 2266 International Human Rights*

PSI 2266 Identity Politics*

PSI 3366 Conflict Resolution*

**Special Topics courses, presently offered (Conflict Resolution) or planned for the future.*

*Contacts: Dr. H. Smith, Political Science and International Studies
Dr. Rees, Social Work*

*Political Science and International Studies
Course Descriptions (PSI)*

1101 Introduction to Political Science

4 credits

A survey of political systems with an emphasis on theoretical principles of government and the citizen's relationship to the state. The course will also examine the methodology of the discipline

of political science, including various aspects of the political and governmental process.

Social Science.

1111 Classical Political Thought

4 credits

A survey of classical political thought from the ancient Greeks through the medieval period.

The course will emphasize the concepts of natural law, Roman law, church-state relations, and other topics relating to the political ideas of the period.

Heritage Sequence, Social Science.

1112 Modern Western Political Thought

4 credits

An overview of Western political thought from the Enlightenment to the present with particular focus on the origin, nature, function, structure, and organization of the state and its relation to the citizens governed by it. The course explores the justification of governmental authority and the scope of governmental rights to interfere with individual lives and discusses the utility of political philosophy for contemporary life.

Heritage Sequence, Social Science.

1151 (FR) Law, Order, and Social Change in America

4 credits

Interrelations between law and the political system in the United States: the Constitution, legislation, administrative regulations, judicial decisions, and courts in politics.

Social Science.

2201 American Political Institutions

4 credits

An examination of the organization of the American government and its relationships to political life. Such topics as the constitutional context, the importance of interest groups, the influence of the media, voter behavior, and the executive, legislative, and judicial branches will also be considered. Sustained attention and special focus is directed to the development and growth of the modern Presidency.

Social Science.

2202 State and Local Government

4 credits

A comprehensive survey of state, county, and urban politics and administration with emphasis on the evolving federal relationship, the development of strong governors, and the emergence of professional state legislatures. Special attention is given to Maryland problems, prospects, and policy dynamics as well as to the politics of public education. Social Science.

2203 International Law and Organization

4 credits

An introduction to the history, purpose, and scope of international law and organizations. Questions this course attempts to answer include: How does international law affect states, international organizations, non-state actors, and individuals? Who creates international law, and who is governed by it? What is the relation between international and domestic law? What role do international organizations play in the international system? How does membership in international organizations influence states' abilities to achieve their goals? Social Science.

2204 Approaches to International Relations

4 credits

An introduction to the major theories and approaches for analyzing global developments, studying the structure and organization of the international system, examining the various actors shaping world politics, exploring causes of conflicts and means for conflict resolution, and reflecting on the future of international relations and the role of individuals in the world community. Social Science.

2205 The European Union: History, Institutions, and Major Policies (Offered at the Budapest campus)

4 credits

This is a one-semester course encompassing all essential features of European integration and the existing European Union. Social Science.

2207 American Public Policy

4 credits

An examination of the major theoretical, conceptual, and practical issues in the study of public policy and the policy process, with examples drawn from current issues in American policy. These may include education, civil liberties, political economy, welfare, and energy. Social Science.

2210 Media & Politics

4 credits

An examination of the "symbiotic" relationship between the news media and public officials in America. Special emphasis is placed on the interplay between the press and presidency and between the press and Congress. Cross-listed with English 2210.

2213 Comparative Politics of Western European Polities: The United Kingdom, France, and Germany

4 credits

A comparative methodological analysis of the Western European governments of the United Kingdom, France, and Germany with an emphasis on systems analysis, political culture, structural-functionalism, and elite analysis. All three polities are members of the European Union which is also analyzed with relation to the regional integration of Europe. Social Science.

2216 United States Campaigns and Elections

4 credits

An examination of the development of American election campaigns from party-based to candidate-centered and media-oriented. The course features in-depth coverage of the role of public opinion polling and its various strategic and tactical uses in campaign politics. Among the topics related to survey research will be sampling, question wording, questionnaire design, and analysis of the results. Social Science.

Offered in 2002-2003 and alternate years.

3305 Public Administration

4 credits

An examination of the nature and development of public administration in the United States with attention to policies of organization,

management, personnel, budgeting, forms of administrative responsibility, and governmental services.

Social Science.

Cross-listed with Business Administration 3305.

3306 National Security in a Changing World

4 credits

A survey of the international and domestic factors that shape contemporary U.S. national security policy and strategy. The course provides a brief introduction to traditional conceptions of military strategy and the use of force, examines the extent to which domestic political factors influence national security policy-making, and explores the merits and shortfalls of future national security strategies. Topics discussed include civil-military relations, leadership and accountability, terrorism, peacemaking and peacekeeping, and resource management.

Cross-listed with Sociology 3306.

Prerequisite: Political Science 1101 (recommended).

3307 United States National Security Policy

4 credits

An overview over U.S. foreign policy from the Second World War to present. The primary objective is to acquire a general understanding of the main ideas, events, and strategies that have shaped U.S. foreign policy over the past half-century. Topics discussed include containment, deterrence, the nuclear arms race, humanitarian intervention and the use of force, economic assistance and trade, and a number of regional and thematic issues.

Social Science.

3308 American Constitutional Law

4 credits

Introduction to the study of the principles of constitutional law as related to the changing political, social, and economic problems of the United States; the role of the Supreme Court in the political process.

Social Science.

3310 Politics of Developing Areas

4 credits

An examination of the political, social, and economic problems of "third world" development with Latin America as the regional area of focus. The models of corporatism, bureaucratic-authoritarianism, civil-military relations, and dependency theory are applied to case studies in Argentina, Brazil, Cuba, and Peru. An examination of the role of women in development as well as the impact of development on the environment is also included. Sustainable development models are offered as an alternative to the failed attempts at development.

Global Perspective, Social Science.

Cross-listed with Cross Cultural Studies 3310.

3317 Comparative Politics of Communist and Postcommunist Political Systems

4 credits

A comparative exploration of the historical, cultural, social, political, and economic similarities and differences in the systems of the Former Soviet Union and The People's Republic of China. Both systems attempted to implement Marxism in their systems. The failure of Marxism in the Former Soviet Union and the continuing application of the Marxist model in China are explored. Theoretical paradigms that attempt to predict the future of these regimes are also analyzed.

Global Perspective, Social Science.

Cross-listed with Cross Cultural Studies 3317.

3319 American Civil Liberties

4 credits

A study of the First Amendment and the Fourth Estate with an emphasis on the major Supreme Court decisions on freedom of speech, press, communication law, assembly and the law of mass media. This course involves students in classroom simulations and visits to courts.

Social Science.

Offered in 2001-2002 and alternate years.

4492 Senior Seminar

4 credits

An analysis of various topical or recurring problems in the area of either domestic or international politics. This course serves as a focal point for an integration of methodology, theory, and substantive problem areas.

4493 Honors Project*4 credits*

An independent research paper for students who are candidates for departmental honors.

2265; 2266; 3365; 3366; 4465; 4466**Special Topics in Political Science***4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496**Internships in Political Science***0-4 credits*

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

1198; 1199; 2298; 2299; 3398; 3399;**4498; 4499 Independent Studies in Political Science***0-4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Psychology

Professor W. Miller (Department Chair), Associate Professor Hughes; Assistant Professors Koch, Madsen and McDevitt; Lecturer Mazeroff.

Areas of particular teaching interest:

Professor Miller: abnormal behavior, adulthood and aging, psychotherapy, clinical neuropsychology; Professor Hughes: industrial psychology, organizational behavior, psychological assessment; Professor Koch: social psychology, research methods, and self-complexity; Professor McDevitt: operant and classical conditioning, behavioral analysis, and choice behavior; Professor Madsen: child and adolescent development, interpersonal relationships; Lecturer Mazeroff: introductory psychology, psychopharmacology, psychopathology and stress.

Psychology is a pluralistic discipline with alliances in the natural sciences, the social sciences, and the humanities. This Department reflects the diversity in the field. The program in psychology offers instruction in such diverse fields as human learning, behavior analysis and modification, adulthood and aging, helping relationships, psychological research, social psychology, child and adolescent development, neuropsychological assessment, and industrial/organizational psychology. The Department offerings provide comprehensive courses and numerous laboratory experiences, extensive internship possibilities and field placements, and opportunities for student-faculty research. The emphasis is on scholarship, research, and pre-professional activities in psychology and related fields.

The course offerings focus on behavior in the broadest sense and are intended to provide the background for students electing a major to qualify for graduate study in psychology and related disciplines, to work in human service agencies (day care centers, rehabilitation departments, mental health clinics, youth service agencies, etc.), to prepare for social work through certification in social work, or to teach via certification in Elementary Education. The Department urges all interested and qualified students to pursue Departmental Honors via Special Studies in Psychology. This program encourages independent study and research.

Recent graduates have entered master's or doctoral programs at The Johns Hopkins University, Loyola College, The University of Maryland, The University of Virginia, and the University of Denver. Others are in law school, theological school, nursing, military service, hospital research programs, public school teaching, and human resources.

Other Educational Options in Psychology:

Teacher Certification – Elementary (1-6), Tracks in Behaviorism, Brain/Behavior Relationships, Clinical, and Industrial/Organizational concentrations. The Department also offers a minor in psychology and a dual major in psychology-sociology. The department offers several options for majors. Courses listed for these options are only minimum requirements.

BASIC MAJOR (44 HRS)

Required:

PSY 1106 Contemporary Psychology
PSY 2201 Psychology of Learning
PSY 2211 Psychology of Abnormality
PSY 2223 Psych. Methods I: Measurement & Assessment
PSY 2224 Psych. Methods II: Research Design & Analysis
Five additional Psychology courses (Cannot be a Capstone course.)

One Capstone course from the following:

PSY 2202 Behavior Modification
PSY 2204 Social Psychology
PSY/BUA 3220 Psychology in the Workplace
PSY 3303 Psychology of Personality
PSY 3305 Health Psychology

Recommended:

BIO 1111 Principles of Biology I or BIO 1118 Human Biology
SOC 1103 Introductory Sociology

Suggested First-Year Schedule:

BIO 1111 or 1118
SOC 1103 or PSY 1106
English Composition and a Foreign Language
Basic Liberal Arts Requirements
First-year Seminar

DUAL MAJOR: PSYCHOLOGY – SOCIOLOGY (56 HRS)

Required:

PSY 1106 Contemporary Psychology
PSY 2201 Psychology of Learning
PSY/SOC 2204 Social Psychology
PSY 2223 Psych. Methods I: Measurement & Assessment
PSY 2224 Psych. Methods II: Research Design & Analysis
SOC 1103 Introductory Sociology
SOC 3319 Development of Sociological Theory
SOC/CCS 1108 Cultural Anthropology or SOC 2201 Society & the Individual

Two courses from:

SOC 2212 Wealth, Power & Prestige in American Society
SOC 4429 Race & Ethnicity
SOC 4427 Gender & Society

One course from:

PSY 2000 level or SOC 2000 level

One course from:

PSY 2211 Psychology of Abnormality
SOC 2205 Criminology

One course from:

PSY 2209 Child and Adolescent Development
PSY 3306 Adolescent Development & Behavior
PSY/SOC 3308 Adulthood & Aging
SOC/SWK 2214 Human Behavior & the Social Environment

One Capstone Course:

SOC 4492 Senior Seminar
PSY 2202 Behavior Modification
PSY/BUA 3220 Psychology in the Workplace
PSY 3303 Psychology of Personality
PSY 3305 Health Psychology
PSY 3329 Physiological Psychology

*Contacts: Dr. W. Miller, Psychology
Dr. Lemke, Sociology*

MINOR IN PSYCHOLOGY (20 HRS) **

Required:

PSY 1106 Contemporary Psychology
Four additional courses from Psychology
STA 2215 Statistics for Social Science
(if Psychology 2224 is not chosen as an elective)

** Three of the five psychology courses must be taken at the College

TRACKS IN PSYCHOLOGY

(NOTE: Existing tracks may be altered or omitted as the department revises course offerings in 2002-03.)

TRACK IN BRAIN-BEHAVIOR RELATIONSHIPS (44 HRS)

Required:

PSY 1106 Contemporary Psychology
PSY 2201 Psychology of Learning
PSY 2211 Psychology of Abnormality
PSY 2223 Psych. Methods I: Measurement & Assessment
PSY 2224 Psych. Methods II: Research Design & Analysis

PSY 3340 Mind/Brain
 BIO 1111 Principles of Biology I
 BIO 1112 Principles of Biology II
 BIO 2203 Genetics or BIO 3316 Animal Physiology
 CHE 1101 Intro. Chem. I: Structure & Bonding
 CHE 1102 Intro. Chem. II: Chemical Reactivity

Recommended:

CHE 2217 Organic Chemistry I
 CHE 2218 Organic Chemistry II
 CSC 1106 Fundamentals of Computing I

Contact: Dr. Miller, Psychology

TRACK IN LEARNING AND BEHAVIOR ANALYSIS (44 HRS)

Required:

PSY 1106 Contemporary Psychology
 PSY 2201 Psychology of Learning
 PSY 2211 Psychology of Abnormality
 PSY 2223 Psych. Methods I: Measurement & Assessment
 PSY 2224 Psych. Methods II: Research Design & Analysis
 PSY 2202 Capstone – Behavior Modification
 PSY 2209 Child and Adolescent Development
 PSY 3307 Psychology of the Exceptional Child
 PSY 3338 Practicum in Helping Relationships/Counseling
 PSY 3398 Independent Studies

Recommended:

PSY 3330 Psychology of Perception
 PSY 3395 Internships in Psychology

Contact: Dr. M. McDevitt, Psychology

TRACK IN CLINICAL PSYCHOLOGY (42-44 HRS)

Required:

PSY 1106 Contemporary Psychology
 PSY 2201 Psychology of Learning
 PSY 2211 Psychology of Abnormality
 PSY 2223 Psych. Methods I: Measurement & Assessment
 PSY 2224 Psych. Methods II: Research Design & Analysis
 PSY 3303 Capstone – Psychology of Personality

PSY 3305 Capstone – Health Psychology
 PSY 3337 Helping Relationships/Counseling
 PSY 3338 Practicum in Helping Relationships/Counseling
 PSY 3340 Mind/Brain

One course from:

PSY 3395 Internships in Psychology (fall)
 PSY 3396 Internships in Psychology (spring)
 January Term Internship (2 hrs)

Recommended:

PSY 2202 Capstone – Behavior Modification
 PSY/SOC 3308 Adulthood & Aging
 PSY 4498 Independent Studies in Psychology (fall)
 PSY 4499 Independent Studies in Psychology (spring)

Must take one of four Capstone options.

Contact: Dr. W. Miller, Psychology

TRACK IN INDUSTRIAL – ORGANIZATIONAL PSYCHOLOGY (44 HRS)*

Required:

PSY 1106 Contemporary Psychology
 PSY 2201 Psychology of Learning
 PSY/SOC 2204 Social Psychology
 PSY 2211 Psychology of Abnormality
 PSY 2223 Psych. Methods I: Measurement & Assessment
 PSY 2224 Psych. Methods II: Research Design & Analysis
 PSY/BUA 3220 Psychology in the Workplace
 PSY 3303 Psychology of Personality or PSY 3305 Health Psychology

One course from:

PSY 3340 Mind/Brain: Clinical Neuropsychology

One course from:

PSY 2265 Special Topics in Psychology
 PSY 2266 Special Topics in Psychology
 BUA 2214 Principles of Management

** Must take one of four Capstone options.*

Recommended:

BUA/PHI 2210 Ethics & Business
 BUA/SOC 3316 Complex Organizations

Contact: Dr. Hughes, Psychology

**PSYCHOLOGY WITH ELEMENTARY
(1-6) TEACHER CERTIFICATION
(93.5 HRS) ***

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. (See education section)

Required:

PSY 1106 Contemporary Psychology
PSY 2201 Psychology of Learning
PSY 2209 Child and Adolescent Development
PSY 2211 Psychology of Abnormality
PSY 2223 Psych. Methods I: Measurement & Assessment
PSY 2224 Psych. Methods II: Research Design & Analysis

Three additional elective Psychology courses in addition to a Capstone course.

One Capstone course

PSY 2202 Behavior Modification
PSY 3220 Psychology in the Workplace
PSY 3303 Psychology of Personality
PSY 3305 Health Psychology
EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching & Learning in a Diverse Society

EDU 2240 Planning & Evaluating Instruction
Provide Certifying Scores on Praxis I

EDU 2015 Process of Acq. Read.

EDU 2115 Field Practicum

EDU 3324 Balanced Reading

EDU 4205 Assessment of Reading

EDU 3312 Teaching Sci. & Soc. Stud. In Elem. School

EDU 3314 Teaching Elementary School Mathematics †

EDU 3325 Teaching Literacy: Reading, Listening, Speaking, Writing

SLM 3317 Children's Literature

EDU 4417 Reading in the Content Area I

Semester in Education:

EDU 4418 Reading in the Content Area II

EDU 4422 Elementary Student Teaching (primary)

EDU 4424 Elementary Student Teaching (intermed.)

Provide Certifying Scores on Praxis II

EPE 0043 Creative Rhythms & Dance
(0.5 hr)

EPE 1174 Fundamental Motor Skills (0.5 hr)

HIS 2227 Development of Modern America or HIS 2225 Colonial America, 1607 – 1763 or HIS 2226 Revolutionary America

MAT 1106 Finite Mathematics with Applications †

MAT 2241 Mathematics for Elementary School Teachers †

†These courses require the passing of both portions of the Mathematics Proficiency Exams as prerequisites.

Recommended:

BIO 1111 Principles of Biology I or BIO 1118 Human Biology

SOC 1103 Introductory Sociology

CSC 1104 Introduction to Computer Science or CSC 1106 Fundamentals of Computing I

*Contacts: Dr. W. Miller, Psychology
Dr. Lockard, Education*

Psychology Course Descriptions (PSY)

1106 Contemporary Psychology

4 credits

An introductory course designed to develop an understanding of the basic principles governing behavior, with emphasis on the scientific method of studying behavior. Intelligence, motivation, emotion, perception, learning, personality, workplace issues, and social factors that influence the individual will be considered. Social Science.

2201 Psychology of Learning

4 credits

Overview of the fundamental principles of learning and memory and their applications for the understanding of behavior. Empirical and theoretical issues are examined. Students conduct laboratory experiments designed to illustrate principles and issues.

Prerequisite: Psychology 1106.

2202 Behavior Modification*4 credits*

The study of the basic principles governing human behavior with emphasis on procedures for eliminating and acquiring behaviors through cognitive behavioral and behavioral interventions. Special emphasis is placed on behavioral analysis. Students perform laboratory and field exercises designed to illustrate principles.

Prerequisite: Psychology 1106.

2204 Social Psychology*4 credits*

A study of group behavior and cognitions as they can be explained through psychological principles and phenomena. This course provides a survey of how what people think, believe, or do is altered by the presence of other people. Topics include attitudes, attitude change, social perception, social influence, altruism, and group dynamics.

Prerequisite: Psychology 1106.

Cross-listed with Sociology 2204.

2209 Child and Adolescent Development*4 credits*

The study of developmental changes from the prenatal period through adolescence, with particular emphasis on how physical, cognitive, and social-emotional development interact in forming the whole person. Special attention will be given to theoretical perspectives, the contexts within which development operates (home/school), and the application of research to current topics.

Prerequisite: Psychology 1106.

2211 Psychology of Abnormality*4 credits*

The incidence, causes, treatment, and prevention of abnormal behavior of persons; major focus on adult populations.

Prerequisite: Psychology 1106.

2223 Psychological Methods I: Measurement and Assessment*4 credits*

An introductory course on measurement within the field of psychology. Students will learn how psychological variables such as personality, abilities, and interests are translated into psychological measurement techniques. This

course will explore the fundamentals of assessment including descriptive statistics, reliability, and validity, and will examine a variety of assessment techniques. Students will acquire hands-on experience in using assessment tools including the use of statistical programs to understand and evaluate test results.

Prerequisites: Psychology 1106, Mathematics 1001 or passing the arithmetic portion of the mathematics proficiency test; Mathematics 1002 or passing the algebra portion of the mathematics proficiency test.

2224 Psychological Methods II: Research Design and Analysis*4 credits*

A current treatment of the philosophy and methodology of the scientific method. Topics include experimental design and the analysis of research using the computer. The laboratory is designed to acquaint each student with procedures, techniques, and apparatus used in psychological investigations. Statistical tests studied include t-tests; analysis of variance for between-groups factors, within-groups factors, and combinations of such factors; correlation; and non-parametric tests.

Prerequisites: Psychology 1106, 2223.

3220 Psychology in the Workplace*4 credits*

An exploration of the principles of psychology as they are relevant to the work environment. Included will be a discussion of how psychologists can help improve the workplace and address organizational concerns. Topics include selection, training, personnel evaluation, and the characteristics of a variety of work environments. Discussions will consider also how these practices may affect organizational or individual effectiveness and attitudes.

Prerequisite: Psychology 1106.

Cross-listed with Business Administration 3220.

3303 Psychology of Personality*4 credits*

An overview of the major theories of personality and assessment strategies. Emphasis will be on the normal personality in a diverse world with some attention to disordered personalities.

Prerequisite: Psychology 1106.

Offered in 2002-2003 and alternate years.

3305 Health Psychology

4 credits

An introduction to the foundations and practice of health psychology. A bio-psychosocial perspective is applied to the promotion and maintenance of health and the prevention and treatment of illness. Behavioral components of health risk factors and improvement of the health care system are addressed.

Prerequisite: Psychology 1106.

Offered in 2003-2004 and alternate years.

3306 Adolescent Development and Behavior

4 credits

A critical survey of research problems and theories pertaining to adolescent development; review and application of principles of learning to adolescent behavior.

Prerequisite: Psychology 1106.

3307 Psychology of the Exceptional Child

4 credits

An overview of the psychological effects of major exceptionalities including giftedness, deafness, blindness, mental retardation, brain injury, speech defectiveness, mental illness, and orthopedic problems, with the emphasis upon children and on the treatment, rehabilitation, and educational techniques available to serve persons with these exceptionalities.

Prerequisite: Psychology 1106.

3308 Adulthood and Aging

4 credits

Psychological and personality changes from young adulthood through old age; adult socialization and the age status system; changing concomitants of family relationships, employment, leisure, and retirement; health issues, psychopathology, and death.

Prerequisite: Psychology 1106.

Cross-listed with Sociology 3308.

Offered in 2002-2003 and alternate years.

3329 Physiological Psychology

4 credits

An analysis of the basic physiological mechanisms underlying human behavior with

emphasis on the brain and central nervous system. Topics include genetics, behavioral development, sensory systems, emotion, learning, and memory.

Prerequisite: Psychology 1106. (Not offered in 2002-03.)

3330 Psychology of Perception

4 credits

An in-depth analysis of contemporary issues in perception. Topics include signal detectability, selective attention, taste perception, figure formation, illusions, visual stability, memory, and space, time, and motion perception.

Prerequisite: Psychology 1106. (Not offered in 2002-03.)

3337 Helping Relationships/Counseling

4 credits

An overview of psychological counseling with emphasis on a flexible, broadly based approach to the development of helping skills with a diversity of clients. Off-campus placements in human service agencies for 10 weeks.

Prerequisites: Psychology 1106, 2211.

3338 Practicum in Helping Relationships/Counseling

4 credits

Supervised externship experience in a human service agency designed to facilitate the use of skills unique to the helping professions (counseling/ behavioral intervention). Course includes on-campus seminar sessions on special populations and off-campus supervised practice with clients served by the agency. Placement may include youth service programs, group homes, mental health organizations, geriatric centers, programs for the developmentally disabled, etc.

Prerequisites: Psychology 2202 or 3335 and permission of the instructor.

3340 Mind/Brain: Clinical Neuropsychology

4 credits

A study of the behavioral correlates of brain dysfunction in adults with focus on neuropsychological assessment.

Prerequisite: Psychology 1106.

Offered in 2003-2004 and alternate years.

3392 Internship in Gerontology

2 credits

Supervised field experiences in appropriate settings designed to assist students in acquiring and using skills and knowledge of the field of study unique to gerontology. Possible settings for internships include long-term care facilities, voluntary health organizations, professional associations, senior centers, churches, pastoral counseling centers, social service agencies for the aged, and research centers.

Cross-listed with Biology 3392, Religion 3392, Social Work 3392, and Sociology 3392.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in Psychology

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interest and needs.

2295; 2296; 3395; 3396; 4495; 4496

Internships in Psychology

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in Psychology

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Religious Studies

Associate Professors Alles, Hadley, Jakoby (Department Chair) and Wu.

Areas of particular teaching interest:

Professor Alles: religions of South Asia and the ancient Mediterranean world, methods and theories in the study of religions; Professor Hadley: comparative religious thought and ethics, social ethics, pragmatism, American religious thought; Professor Jakoby: philosophy of religion, especially in 19th- and 20th-

century continental philosophy, critique of religion in Nietzsche and Heidegger; Professor Wu: philosophy of mind, philosophy of science, zen and creativity, daoism, Chinese and Japanese cultures.

Religions make crucial contributions to the human worlds in which we live. They affect our pasts and presents, ideas and convictions, emotions and desires, actions and values, associations and antagonisms, artistic, literary, and musical creations. Courses in religious studies aim to provide students with knowledge and skills that will enable them to understand religions and their contributions, both positive and negative, and so to live intelligently and humanely. They do not presume any religious commitment on the part of the student, nor do they endorse, promote, or condemn any particular religion, set of religions, or religion in general. Instead, they examine religions as subjects of academic inquiry, and they use a variety of methods to do so, humanistic, social scientific, at times even natural scientific.

Some courses in religious studies may help students develop a better and more critical understanding of their own traditions or of traditions they encounter, whether those traditions are Jewish, Buddhist, Christian, or something else. Other courses invite students to engage critically and creatively with religious worlds of thought and various modes of ethical reflection. Many courses address a number of different religious traditions. Students may find these courses helpful in broadening their perspectives not only on religion but also on the world. Indeed, some students choose a major or minor in religious studies to broaden or globalize their primary major.

The Baltimore-Washington area is home to a particularly rich variety of religions. In addition to sponsoring films, speakers, and other cultural events on campus, the Department regularly supplements course work with visits to religious institutions in the area.

Other Educational Options in Religious Studies:

Special programs combining Religious Studies with other disciplines.

Four hours in Religious Studies or permission of instructor are prerequisite for all courses numbered 3000 and above.

BASIC MAJOR (42 HRS)

REL 1102 Religion & Culture or REL 1151

The Good Life

PHI 1102 Critical Thinking or PHI 2233

Elementary Logic

REL 2240 Religion & Critical Thought

REL 4492 Capstone – Senior Thesis

Two courses from:

Historical and analytical studies of religions

Two courses from:

Religious thought and ethics

Two courses from:

Religious Studies, 2000 level or higher

2 hours of:

REL 2291 Directed Readings in Religious Studies

(NOTE: Contact the Religious Studies Department for courses that satisfy the requirements for historical and analytical studies and religious thought and ethics.)

Suggested First-Year Schedule:

English Composition (based on placement)

History

Political Science

Psychology

Religious Studies

Laboratory Science

Foreign Language

First-year Seminar

MINOR (21 HRS)

REL 1102 Religion & Culture or REL 1151

The Good Life

REL 2240 Religion & Critical Thought

One course from:

Historical and analytical studies of religions

One course from:

Religious thought and ethics

One course from:

Religious Studies, 2000 level or higher

One hour of:

REL 2291 Directed Readings in Religious Studies

(NOTE: Contact the Religious Studies Department for courses that satisfy the requirements for historical and analytical studies and religious thought and ethics.)

Contact: Drs. Alles or Hadley, Religious Studies

DUAL MAJOR: RELIGIOUS STUDIES – PHILOSOPHY (50 HRS)

REL 1102 Religion & Culture or REL 1151

The Good Life

REL 2240 Religion & Critical Thought

One course from:

Historical and analytical studies of religions

One course from:

Religious thought and ethics

One course from:

Religious Studies, 2000 level or higher

PHI 1102 Critical Thinking

PHI 1113 History of Ancient and Medieval

Philosophy

PHI 1114 History of Modern Philosophy

One Ethics course; select from:

PHI 1105 Contemporary Issues in Ethics

PHI/BUA 2210 Ethics & Business

PHI/BIO 3350 Bioethics

Two additional courses in Philosophy, 2000 level or higher

2 hours of:

REL 2291 Directed Readings in Religious Studies or PHI 2291 Directed Readings in Philosophy

REL 4492 Capstone – Senior Thesis or PHI 4492 Capstone – Senior Thesis

(NOTE: Contact the Religious Studies Department for courses that satisfy the requirements for historical and analytical studies and religious thought and ethics.)

Contacts: Drs. Alles, Hadley, and Jakoby

Religious Studies Course Descriptions (REL)

1102 (FR) Religion and Culture

4 credits

An introduction to religious studies that examines the various ways religion is implicated in human culture. General topics include culture as a vehicle for religious expression, religion as a critique of culture, and the place of religion in American public life. The course presents case studies drawn from the world's major religions as well as major, contrasting theoretical perspectives. Humanities.

1103 (FR) The Good Life*4 credits*

How should one live one's life? What makes a human life good? This course is an introductory study of a variety of religious and philosophical ideals for human living. The course draws upon the wisdom of religious traditions, philosophical schools of thought, and great literature from the ancient and modern worlds and explores the contemporary relevance of such ideals.

Humanities.

2204 Women and Religion*4 credits*

An examination of the contributions women have made to the world's religions, and of the ways in which religions have affected women's lives, positively and negatively.

Humanities.

Offered as needed.

2212 Martin and Malcolm: Their Lives and Thought*4 credits*

The examination of the contributions of Martin Luther King, Jr., and Malcolm X to American society. Special attention will be given to the subjects of Christianity and Islam, religion and politics, the Civil Rights Movement, and Black Nationalism.

Humanities.

Offered as needed.

2215 Prejudice and Power: Minorities in America*4 credits*

A study of ethnic minorities, women, and gay and lesbian communities to determine the relationship between prejudice and power in America.

Humanities.

Offered as needed.

2216 Religion, Politics, and Society*4 credits*

An examination of the interplay between religious commitment and political engagement. The course explores the levels of political and social involvement advocated by a variety of religious traditions and thinkers and investigates various political arrangements nation-states have used to support, tolerate or control diverse

religious expressions. Specific attention will be given to issues in which religion has played a prominent role in political and social life such as civil rights, abortion, and war.

Humanities.

2232 Religion and Evil*4 credits*

An examination of the nature and meaning of evil. The course focuses upon several forms of evil with particular attention to the Jewish experience in the Holocaust and the African-American legacy of racial discrimination during and after slavery. Readings are drawn from a variety of religious and philosophical traditions and from historical and literary narratives.

Humanities.

2235 History of Gospel Music*4 credits*

An overview of black gospel music in America covering spirituals, traditional and contemporary gospel. Sociological conditions and important works by key figures in a variety of styles will be coupled with lectures and reading.

Humanities.

Cross-listed with Music 2235.

2240 Religion and Critical Thought*4 credits*

A critical engagement with major theories and methods in the study of religions. Equal attention is given to both historical-hermeneutical and ethical-critical approaches.

Humanities.

2251 Religion in Western Culture I*4 credits*

A selective historical introduction to the impact of religious beliefs, practices, and loyalties on the history, thought, social movements, and cultural practices (such as art, drama, literature, and music) of the ancient world. This course will concentrate on the civilizations of ancient Mesopotamia or Egypt, Greece, Israel, and Rome.

Humanities, Heritage Sequence.

2252 Religion in Western Culture II*4 credits*

A selective historical introduction to the impact of religious beliefs, practices, and loyalties on the history, thought, social movements, and cultural practices (such as art, drama, literature,

music, and film) of the medieval and modern periods. This course will concentrate on the High Middle Ages, the Renaissance and Reformation, and the Enlightenment and post-Enlightenment periods.
Humanities, Heritage Sequence.

2253 Judaism, Christianity, and Islam

4 credits

A study in some detail of the major mono-theistic religions: Judaism, Christianity, and Islam. Attention is given to origins and historical developments, beliefs, practices, and institutions.

Humanities.

2254 Religions of Africa and the Indigenous Americans

4 credits

An examination of the myths and ideas, rituals, and institutions associated with the religious traditions of prehistoric peoples and contemporary tribal people of Africa and the indigenous Americans.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2254.

Offered as needed.

2255 Religions of Asia

4 credits

A study of the major Asian religions: Hinduism, Buddhism, Confucianism, Daoism, and Shinto. Attention is given to origins and historical development, beliefs, practices, and institutions as well as to the manner in which Europeans and Americans have imagined religion and the East ("Orientalism").

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2255.

2256 Religions of the Ancient World

4 credits

An examination of the earliest evidence for human religious behavior as well as some of the religious traditions of the ancient Mediterranean and Near East (for example, Egypt, Mesopotamia, Iran, Greece) and the ancient Americas (for example, Aztec, Inca, Maya).

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2256.

Offered as needed.

2291 Directed Readings in Philosophy and Religious Studies

1 credit

A close reading of a major text in philosophy and/or religious studies. Students will also become familiar with selected critical studies of the text. Course may be repeated up to four semesters for credit.

3302 Classical Indian Philosophy

4 credits

A rigorous introduction to the classical Indian tradition of philosophical thought, from its roots in the Vedas and Upanishads to its systemization in the six orthodox (astika) schools. Attention is also given to the "heterodox" views of the Buddhists, the Jains, and the "materialists."

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 3302 and Philosophy 3302.

Offered as needed.

3304 Religion and Human Sexuality

4 credits

The nature and meaning of human sexuality found in a comparative analysis of world's religions, especially Judaism and Christianity; and examination of the relation between the sacred and the sexual including consideration of sexuality and social justice, sexual orientation, and sexual expression (marital and non-marital).
Humanities.

Offered as needed.

3305 Sacred Architecture

4 credits

A historical and systematic examination of both formal and symbolic aspects of structures built for religious purposes, along with their associated religious activities.

Global Perspective, Humanities.

Cross-listed with Art History 3305 and Cross Cultural Studies 3305.

Offered as needed.

3306 Hindu Rituals and Ethics*4 credits*

An intense look at the Hindu "path of action" in its many dimensions: rituals of the life cycle and daily life, seasonal festivals and celebrations, castes and stages of life, related notions of purity and pollution, and the relations between action and liberation.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 3306.

Offered as needed.

3321 Comparative Mythology*4 credits*

A study of the myth-making process and the major mythological types and themes.

Global Perspective, Humanities.

Cross-listed with Comparative Literature 3321 and Cross Cultural Studies 3321.

3328 Liberation Movements and Human Freedom*4 credits*

A study of race, gender, and class and how the struggle of Native Americans, African-Americans, women, and gays/lesbians contribute to our understanding of human liberation. Paulo Friere's *Pedagogy of the Oppressed* provides the theoretical perspective as we criticize the social, political, and religious forces making for oppression and for liberation.

Prerequisite: Sociology 1103.

Humanities, Social Science.

Cross listed with Sociology 3328.

3392 Internship in Gerontology*2 credits*

Supervised field experiences in appropriate settings designed to assist students in acquiring and using skills and knowledge of the field of study unique to gerontology. Possible settings for internships include long-term care facilities, voluntary health organizations, professional associations, senior centers, churches, pastoral counseling centers, social service agencies for the aged, and research centers.

Cross-listed with Biology 3392, Psychology 3392, Social Work 3392, and Sociology 3392.

4492 Senior Thesis (Capstone)*4 credits*

A seminar required of all Religious Studies majors as part of their graduation requirements.

Each student is required to write a major paper on a topic within the major. A member of the Department supervises the project.

Prerequisite: permission of instructor.

2265; 2266; 3365; 3366; 4465; 4466**Special Topics In Religious Studies***4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496**Internships in Religious Studies***0-4 credits*

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499**Independent Studies in Religious Studies***0-4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Social Work

Professor Rees; Assistant Professor Orzolek-Kronner.

Areas of particular teaching interest:

Professor Rees: human relations in the workplace, family; Orzolek-Kronner: developmental theory, eating disorders, research on practice.

The primary purpose of the Social Work Department is to prepare social work students for entry-level generalist social work practice. The Department supports a basic understanding of various client systems including individuals, families, groups, organizations, and communities and the helping roles assumed by social work students in an effort to enhance quality of life within client groups.

The social work program prepares students for the practice of social work. The Council on Social Work Education nationally accredits this program. Graduates of this program can move

directly into social work positions or enter selected graduate programs in social work with advanced standing.

The Department respects diversity of client populations and lifestyles and strives to achieve an effective balance between these factors and social work practice. The development of an understanding of bio-psycho-socio-cultural components within the person/environment equation is supported in social work courses. The uniqueness of all students and the growth and development of their professional self is encouraged throughout the curriculum.

The major in Social Work is designed to prepare students for a generalist social work practice at the baccalaureate level. The foundation courses within the major provide an understanding of the theories and dynamics of human behavior, various client systems, practice skills, policy development and analysis, helping roles, and research methods. In the senior year, students are placed in a social service agency under the instruction of a practicing master's level social worker for a two-semester, two-day-per-week internship.

The theoretical framework for the program is the ecological perspective with an emphasis on bio-psycho-social assessment. Course work provides a recognition of the diversity of client populations and lifestyles. The uniqueness of all students and the growth and development of their professional self is supported throughout the curriculum.

The Social Work Department is nationally accredited by the Council on Social Work Education. Social Work graduates are eligible for state licensure at the baccalaureate level.

Major requirements include the social work foundation courses and a variety of courses from other liberal arts departments. Courses should be taken in sequence.

Those interested in this program should consult with a social work faculty member as early as possible in their academic career. However, with careful planning, the program may be completed during the junior and senior years.

If you are considering social work as a major, you must meet the following requirements:

A. A minimum overall GPA of 2.5 for all college courses.

B. Completion of SWK 2217 and SWK 2218 with a minimum grade of 2.0.

C. Successful interview with a member of the social work faculty before participation in the senior year field placement experience.

BASIC MAJOR (44 HRS)

Required:

SWK 2202 The Family

SWK 2214 Human Behavior & the Social Environment

SWK 2217 The Institution of Social Welfare

SWK 2218 Social Welfare Policy

SWK 3322 Social Work Practice I

SWK 3325 Managing Systems in a Macro-Environment

SWK 3349 Methods of Social Work Research

SWK 4409 Social Work Practice II

SWK 4415 Field Instruction Seminar I (2 hrs)

SWK 4416 Field Instruction Seminar II (2 hrs)

SWK 4417 Capstone – Field Instruction in SWK I

SWK 4418 Capstone – Field Instruction in SWK II

(Must take both Capstone semesters.)

Recommended:

SOC 1103 Introductory Sociology

SPA 1101 Elementary Spanish I

SPA 1102 Elementary Spanish II

PSY 1106 Contemporary Psychology

BIO 1118 Human Biology

One course from:

IDS 1107 Women in Western Culture I

IDS 1108 Women in Western Culture II

HIS 2222 Gender & Society in America, Past & Present

SOC 3335 Women, Men & Society

SWK/SOC 3355 Aging & Gender

REL/SOC 3328 Liberation Movements & Human Freedom

STA 2215 Statistics for Social Science

One course from:

PSI/CCS 3310 Politics of Developing Areas

CCS 1101 Introduction to Chinese Civilization

CCS 1102 South Asian Civilizations

SOC/CCS 2245 Ethnography of the American Indian

REL/CCS 2254 Religions of Africa & the Indigenous Americans

Recommended Course of Study:

Semester I

- SOC 1103
- SPA 1101
- First-year seminar

Semester II

- PSY 1106
- BIO 1118
- SPA 1102
- BLAR

Semester III

- SWK 2217
- STA 2215
- BLAR
- BLAR

Semester IV

- SWK 2218
- BLAR
- SWK 2214
- SWK 2202

Semester V

- SWK 3349
- SWK 3325
- REL 3328
- Women's Studies course

Semester VI

- SWK 3322
- CCS course
- BLAR
- BLAR

Semester VII

- SWK 4409
- SWK 4417
- SWK 4415
- BLAR

Semester VIII

- SWK 4418
- SWK 4416
- BLAR
- BLAR

Contact: Dr. Rees, Social Work

**SOCIAL WORK WITH ELEMENTARY
(1-6) TEACHER CERTIFICATION**

Course requirements for the education minor are subject to changes reflecting State of Maryland certification regulations. (See education section)

*For further information contact:
Dr. Rees, Social Work*

**DUAL MAJOR: SOCIAL WORK –
POLITICAL SCIENCE (44 HRS)**

The major is designed for students who are interested in assessing and addressing socio-political problems at the local, state, and federal level. Students will study the impact of public policy as it pertains to specific populations and institutions. In addition, students will become familiar with the development and analysis of public policy. International problems and the responsibility of the United States to these countries from both political as well as social perspectives will also be considered. The curriculum includes an emphasis on human behavior and the social environment and its relationship to public opinion, administration, interest groups, and campaign politics. Students are required to participate in an internship during their senior year in a public agency, which involves an integration of macro- and micro-level issues and activities. This major should be strongly considered by students who have a career interest in community organization, social action legislation, and policy-making. Several graduate schools, including the University of Maryland, offer simultaneous degrees in social work and law.

Required Social Work courses (44 HRS)

- SWK 2202 The Family
- SWK 2214 Human Behavior in the Social Environment
- SWK 2217 The Institution of Social Work
- SWK 3322 Social Work Practice I
- SWK 3349 Methods in Social Work
- SWK 4417/4418 Field Instruction in Social Work I & II
- SWK 4415/4416 Field Instruction Seminar I & II
- SWK 3325 Managing Systems in a Macro Environment

Required Political Science courses (32 HRS)

- PSI 1101 Introduction to Political Science
- PSI 2201 American Political Institutions
- PSI 2202 State and Local Government
- PSI 2207 American Public Policy

Four courses selected from the following:

- PSI 2216 Campaigns and Elections
- PSI 3305 Public Administration
- PSI 3308 American Constitutional Law
- PSI/CCS 3310 Politics of Developing Areas

PSI 2266 International Human Rights*

PSI 2266 Identity Politics*

PSI 3366 Conflict Resolution*

*Special Topics courses, presently offered
(Conflict Resolution) or planned for the
future.

Contacts: Dr. Rees, Social Work

*Dr. H. Smith, Political Science and
International Studies*

Social Work Course Descriptions (SWK)

1122 (FR) Concepts and Systems of Social Welfare

4 credits

An introductory course designed to explore social problems and society's response toward them. The course will examine the structure of human service delivery systems, and the impact of policy, politics, human behavior, and environmental conditions on these structures. An emphasis will be placed on the application of research and theories to these settings.

2202 The Family

4 credits

An interdisciplinary approach to the family and its functioning that incorporates an historical perspective as well as cultural, economic influences, communication, and folklore. Emphasis is placed on the biological, psychological and sociocultural factors of family functioning within a micro, meso, and macro framework. A variety of theoretical constructs are explored that are useful in understanding family development and functioning.

Prerequisite: Sociology 1103.

Cross-listed with Sociology 2202.

2214 Human Behavior and the Social Environment

4 credits

This course examines human behavior across the life span from the bio-psycho-socio-cultural and ecological perspectives. Functional and dysfunctional patterns of coping and adaption are identified. Various theoretical perspectives are introduced and social issues such as domestic violence, substance abuse, and eating disorders are highlighted.

Prerequisite: Sociology 1103.

Cross-listed with Sociology 2214.

2217 The Institution of Social Welfare

4 credits

An overview of social welfare in America with an emphasis on its historical development and current institutional nature. Students will be introduced to social policies and programs and roles of the social worker within these systems. The student will learn to identify social problems within the social welfare system and to identify alternative solutions to these problems.

2218 Social Welfare Policy

4 credits

An exploration of social welfare policy development with an emphasis on the identification of variables that shape human service delivery systems. The course will focus on American and international social policy development. Students will learn several policy analysis models and examine a social policy on the local, state, or federal level. Students will be introduced to macro intervention.

Prerequisite: Social Work 2217.

2225 Aging: The Individual and Society

4 credits

An examination of the social processes encountered in adulthood and old age, using a bio-psycho-socio-cultural perspective. Included will be a discussion of theories and research, which explores the phenomenon of aging from an individual and societal perspective. Topics include productivity and social participation, cohort and intergenerational relationships, networks and social support, environment, and economic status. Discussions will consider the effects of ageism on the individual, and policy considerations.

Social Science.

*Prerequisite: Sociology 1103 or permission of
the instructor.*

Cross-listed with Sociology 2225.

3318 Social Work in Special Practice Fields

4 credits

An in-depth study of programs, policies, and practices in a specialized area of social service. Unique needs of the service population and appropriate intervention techniques are emphasized.

3322 Social Work Practice I*4 credits*

An introduction to the conceptual framework for generalist practice with individuals, families, groups, organizations, and communities.

Students are introduced to the common knowledge, values, techniques, and skills that serve as the foundation for social work practice. The ecosystems and strengths perspective are emphasized throughout the course.

Prerequisite: Social Work 2217.

3325 Managing Systems in a Macro Environment*4 credits*

Within a person-environment framework, this course presents social and organizational theories, which allow for a critical analysis of communities, social institutions, and social organizations. Human relations issues as they pertain to the workplace are emphasized. Social inequalities and social injustices are examined while issues such as affirmative action, equal opportunity, and human diversity are understood more fully.

Prerequisite: Sociology 1103.

Social Science.

Cross-listed with Business Administration 3325 and Sociology 3325.

3349 Methods of Social Work Research*4 credits*

An introduction to quantitative and qualitative research methodology within social work practice. Techniques of social research will be applied to the study of social work problems and programs. The evaluation of social work practice will be emphasized.

Prerequisite: Social Work 2217.

3355 Aging and Gender*4 credits*

A study of the impact of gender and society on human development in adulthood from mid-life through death. Students are introduced to theories of feminism and application is made to the adult development process. Topics include relationships in later life, social activism, retirement, multicultural and

multigenerational issues, multiple losses, relocation, role changes, and policy issues.

Prerequisite: Sociology 1103 or permission of the instructor (for minors).

Social Science.

Cross-listed with Sociology 3355.

3392 Internship in Gerontology*2 credits*

Supervised field experiences in appropriate settings designed to assist students in acquiring and using skills and knowledge of the field of study unique to gerontology. Possible settings for internships include long-term care facilities, voluntary health organizations, professional associations, senior centers, churches, pastoral counseling centers, social service agencies for the aged, and research centers.

Cross-listed with Biology 3392, Psychology 3392, Religion 3392, and Sociology 3392.

4409 Social Work Practice II*4 credits*

An introduction to a variety of techniques and theoretical models used in social work interventions. The focus of this course is to expand the conceptual framework for generalist practice and to increase the skill level of social work practice with client systems of various sizes. Change strategies include individual intervention, crisis intervention, social work practice with families, group methods, and community interventions. Each unit will emphasize practice evaluation, social work ethics, gender, class, multiculturalism, and will introduce techniques for incorporating these elements within practice.

Prerequisites: Social Work 2214, 2217, 2218, 3322, 3349.

4415, 4416 Field Instruction Seminar I, II
2, 2 credits

A weekly seminar focusing on integration of social work concepts and theories with field instruction. Emphasis is on preparing students for generalist practice with a diversity of population groups and within systems of various sizes. Assignments are related to students' agency experiences. Practice evaluation, social work, ethics, and the development of the professional self are emphasized.

Prerequisite: Social Work 3322.

4417, 4418 Field Instruction in Social Work I, II

4, 4 credits

Supervised experience in the practice of generalist social work in a community social agency. Students assume direct service responsibility using a variety of social work methods and roles. Each student is assigned to a specific agency for the year. Sixteen hours of field instruction per week is required.

Prerequisites: Social Work 3322 and permission of the instructor.

2265; 2266; 3365; 3366; 4465; 4466 Special Topics in Social Work

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs

2295; 2296; 3395; 3396; 4495; 4496 Internships in Social Work

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499 Independent Studies in Social Work

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Sociology

Associate Professors Lemke (Department Chair) and Dundes; Assistant Professors Shin and B. Smith; Instructor Harlow.

Areas of particular teaching interest:

Professor Dundes: criminology, criminal justice, medical sociology; Professor Lemke: social theory, social stratification, gender roles; Professor Shin: work and occupations, social change, urban sociology; Professor Smith: research methods, sociology of religion, quantitative data analysis; Instructor Harlow: race

and ethnicity and sociology of education.

Sociology is the study of social life and the social causes and consequences of human behavior. Sociology takes a scientific, humanistic, and cross-cultural approach when investigating the structure of groups, organizations, and societies. It also analyzes the relationships that unite societies in the world system. Topics of interest include community life, family patterns and relationships, social change, social movements, inter-group relations, race, gender, social class, the environment and technology.

Sociology is an available liberal arts major for students seeking careers in social research, community and social services, business and industry, government, the justice system, public administration, community and international development, education and market research. The sociology major provides a good foundation for students wishing to pursue professional degrees in social work, education, public health, business administration and community planning, in addition to law, medicine, and divinity school.

BASIC MAJOR (42 HRS)

Required:

SOC 1103 Introductory Sociology

SOC 3319 The Development of Sociological Theory

SOC 3358 Research Methods in Sociology

SOC 4492 Senior Seminar (2 credits)

SOC 4494 Quantitative Data Analysis in Sociology (Capstone)

Two courses from the area Society and the Individual:

SOC 2201 Society and the Individual

SOC 2202 The Family

SOC 2204 Social Psychology

SOC 2205 Criminology

SOC 2214 Human Behavior and the Social Environment

SOC 2225 Aging: The Individual and Society

SOC 3308 Adulthood and Aging

SOC 4410 Work and Occupations

Two courses from the area Social Organization:

SOC 2240 Technology and Social Change

SOC 3315 Sociology of the Criminal Justice System

SOC 3325 Managing Systems in a Macro Environment
 SOC 3348 Legal Forensics
 SOC 3360 Sociology of Education
 SOC 4430 Medical Sociology
 SOC 4433 Religion and Society

Two courses from the area Social Inequality:
 SOC 2203 Urban Sociology
 SOC 2212 Wealth, Power, and Prestige in American Society
 SOC 3328 Liberation Movements and Human Freedom
 SOC 3355 Aging and Gender
 SOC 4427 Gender and Society
 SOC 4429 Race and Ethnic Relations in the U.S.

Recommended:

One course from:
 CSC 1106 Fundamentals of Computing I
 ECO 1101 Introduction to Political Economy
 ECO 2201 Principles of Economics
 PSI 1101 Introduction to Political Science
 PSI 2201 American Political Institutions
 PSI 2203 International Law and Organization

Suggested First-Year Schedule:

English Composition and Foreign Language
 SOC 1103 plus one 2000+ level course
 Heritage Sequence
 Physical Education
 Science Course

DUAL MAJOR: SOCIOLOGY – PSYCHOLOGY (54-56 HRS)

Required:

SOC 1103 Introductory Sociology
 SOC/CCS 1108 Cultural Anthropology or
 SOC 2201 Society and the Individual
 SOC 3319 Development of Sociological Theory
 PSY 1106 Contemporary Psychology
 PSY 2201 Psychology of Learning
 PSY/SOC 2204 Social Psychology
 PSY 2223 Psych. Methods I: Measurement & Assessment
 PSY 2224 Psych. Methods II: Research Design & Analysis

Two courses from:

SOC 2212 Wealth, Power & Prestige in American Society
 SOC 4427 Gender and Society
 SOC 4429 Race and Ethnic Relations in the U.S.

One course from:

PSY 2000+ level or SOC+ 2000 level

One course from:

PSY 2211 Psychology of Abnormality
 SOC 2205 Criminology

One course from:

PSY 2207 Child Development
 PSY 3306 Adolescent Development & Behavior
 PSY/SOC 3308 Adulthood & Aging
 SOC/SW 2214 Human Behavior & the Social Environment

One Capstone course:

SOC 4492 Senior Seminar (2 credits)
 PSY 2202 Behavior Modification
 PSY/BA 2220 Psychology in the Workplace
 PSY 3303 Psychology of Personality
 PSY 3305 Health Psychology
 PSY 3329 Physiological Psychology

Contacts: Dr. Lemke, Sociology

Dr. W. Miller, Psychology

CONCENTRATION IN CRIMINAL JUSTICE (66 HRS)

Required:

Basic Sociology Major
 (Any Sociology class can count for both the major and the concentration.)
 SOC 2205 Criminology
 SOC 3315 Criminal Justice
 Internship or independent study in a related area (minimum: 2 credits)
 SOC 2295, 2296; 2298, 2299; 3395, 3396; 3398, 3399; 4495, 4496; 4498, 4499.

Choose 3 from among the choices below:

SOC 4429 Race and Ethnic Relations in the U.S.
 SOC 2212 Wealth, Poverty and Prestige in American Society
 SOC 2203 Urban Sociology
 SOC 3348 Legal Forensics
 GSC 1140 Introduction to Forensic Science

PSI 3319 American Civil Liberties (Offered alternate years – 2003-2004)

PSI 3308 American Constitutional Law

PSI 2202 State & Local Government

Contact: Dr. Dundes, Sociology

MINOR IN SOCIOLOGY (20 HRS)

Required Courses:

SOC 1103 Introductory Sociology

Four additional courses with at least one from each of the following areas:

Society and the Individual

SOC 2201 Society and the Individual

SOC 2202 The Family

SOC 2204 Social Psychology

SOC 2205 Criminology

SOC 2214 Human Behavior and the Social Environment

SOC 2225 Aging: The Individual and Society

SOC 3308 Adulthood and Aging

SOC 4410 Work and Occupations

Social Organization

SOC 2240 Technology and Social Change

SOC 3315 Sociology of the Criminal Justice System

SOC 3325 Managing Systems in a Macro Environment

SOC 3348 Legal Forensics

SOC 3360 Sociology of Education

SOC 4430 Medical Sociology

SOC 4433 Religion and Society

Social Inequality

SOC 2203 Urban Sociology

SOC 2212 Wealth, Power, & Prestige in American Society

SOC 3328 Liberation Movements and Human Freedom

SOC 3355 Aging and Gender

SOC 4427 Gender and Society

SOC 4429 Race and Ethnic Relations in the U.S.

Contact: Dr. Lemke, Sociology

MINOR IN AFRICAN-AMERICAN STUDIES (20 HRS)

Required Courses (Any of the courses below NOT taken as a required course may be taken as an elective.):

SOC 4429 Race and Ethnic Relations in the U.S.

ENG 2258 African-American Literature or

HIS 3328 African-American History

MUL 2201 The Heritage of African-American Music I or MUL 2202 The Heritage of African-American Music II

Two courses from the list below:

ENG 2253 Southern Literature

ENG 2258 African-American Literature

HIS 3328 African-American History

MUL 2201 The Heritage of African-American Music I

MUL 2202 The Heritage of African-American Music II

MUL 2210 History of Jazz

MUL/REL 2235 History of Gospel Music

REL 2212 Martin and Malcolm

REL/SOC 3328 Liberation Movements and Human Freedom

Contact: R. Harlow, Sociology

ELEMENTARY EDUCATION MINOR

1. Read and review the information under Education in this catalog.
2. If interested in education, make advisory contact with any of the following faculty members:

Elementary Education:

Ms. Sharon Craig, Lecturer

Dr. Francis (Skip) Fennell, Professor

Secondary or K-12 Education:

Dr. Janet Medina, Assistant Professor

Dr. Ochieng K'Olewe, Assistant Professor

All education minors must have an Education Department adviser.

1. Plan to complete a major in a field offering content appropriate for a subject or area of teacher education. See the various department headings in this catalog.
2. Complete and pass Praxis I tests in Reading, Writing, and Mathematics prior to the spring semester of the sophomore year.
3. Expect to spend at least 40 hours in a school-based practicum during semester in which you are completing education courses, excepting EDU 1111 or 1141.
4. Plan your major and BLAR courses so that you are able to complete the student

teaching semester (which will last 15 weeks) during your senior year or immediately after graduation.

5. See the education program requirements provided under Education in this catalog.

MINOR IN ELEMENTARY EDUCATION (57 HRS)

Required:

- EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching and Learning in a
Diverse Society
- EDU 2015 Process and Acquisition of Reading
(includes practicum)
- EDU 3324 Balanced Reading Instruction and
Materials (includes practicum)
- EDU 3312 Teaching Science and Social Studies
– Elementary School (includes practicum)
- EDU 3314 Teaching Elementary School
Mathematics (includes practicum)
- EDU 4205 Assessment of Reading Instruction
(includes practicum)
- Professional Semester (12 hr)
- EDU 4422 Elementary Student Teaching
(primary/intermediate) (6 hrs)
- EDU 4424 Elementary Student Teaching
(intermediate/middle) (6 hrs)
- SLM 3317 Children's Literature
- MAT 1106 Finite Mathematics (Math
proficiency must be passed.)
- MAT 2241 Math for Elementary School
Teachers (Math proficiency must be passed.)
- PSY 2207 Child Development
- HIS 2227 Development of Modern America or
HIS 2225 Colonial America, 1607-1763.
- EPE 1043 Creative Rhythms and Dance
(0.5 hr)
- EPE 1174 Fundamental Motor Skills (0.5 hr)

Strongly Recommended:

- School Based Internship (100 hours) offered in
January Term (2 hrs)
- Statistics
- Geometry

Suggested School for Elementary Education Minor:

First Year

FALL

- EDU 1111 Learning in a Diverse Society
(fall only)

SPRING

- EDU 1141 Teaching and Learning in a
Diverse Society
- EPE 1174 Fundamental Motor Skills (0.5 hr)

Sophomore Year

FALL

- SLM 3317 Children's Literature
- PSY 2207 Child Development
- MAT 1106 Finite Mathematics (Math
proficiency must be passed.)

SPRING

- HIS 2227 Development of Modern
America or HIS 2225 Colonial America,
1607-1763
- EPE 1043 Creative Rhythms and Dance
(0.5 hr)
- EDU 2015 Process and Acquisition of
Reading (includes practicum) –
complete in Spring
- Complete, pass and submit Praxis I scores –
Reading, Writing, Mathematics
- Apply for Education Program Candidacy
Interview

Junior Year

FALL

- EDU courses require passing Praxis I
scores.
- EDU 3324 Balanced Reading Instruction
and Materials (includes practicum)
- MAT 2241 Math for Elementary School
Teachers (Math proficiency must be
passed.)

JANUARY

- School Based Internship (100 hours)

SPRING

- EDU 3312 Teaching Science and Social
Studies – Elementary School (includes
practicum)
- EDU 3314 Teaching Elementary School
Mathematics (includes practicum; MAT
2241 prerequisite)

Senior Year

(Interview, Passing Praxis I scores, 2.5 GPA overall and in the major, grades of "C" or better are all required for acceptance into the student teaching semester.)

FALL

EDU 4205 Assessment in Reading
Instruction

SPRING

EDU 4205 Professional Semester (12 hr)
Passing scores on Praxis II
Presentation of Program Portfolio

MINOR IN SECONDARY EDUCATION (34 HRS)

Required:

EDU 1111 Learning in a Diverse Society or
EDU 1141 Teaching and Learning in a
Diverse Society
EDU 2240 Planning and Evaluating
Instruction (includes practicum)
Passing Praxis I scores and education program
candidacy interview – spring of sophomore
year
Methods Course (see below – includes
practicum)
EDU 4417 Reading in the Content Areas –
Part I (includes practicum)
EDU 4418 Reading in the Content Areas –
Part II (2 hr)
Professional Semester (12 hr)
EDU 4432 Secondary Student Teaching –
Middle (6 hr)
EDU 4434 Secondary Student Teaching –
High (6 hr)
Passing Praxis II scores and presentation of
Program Portfolio – student teaching
semester
PSY 3306 Adolescent Development and
Behavior

Recommended:

School Based Internship (100 hours) offered in
January Term (2 hrs)
CSC 1104 Intro to Computer Science

See Social Studies minor requirements, which
would include the sociology major and one
area of emphasis.

Sociology Course Descriptions (SOC)

1103 Introductory Sociology

4 credits

This course offers an overview of the discipline
of sociology. It explores how social forces
impact the structure of society, social
organizations, the nature of culture and
personality, groups, and human interactions.
Social Science.

1108 Cultural Anthropology

4 credits

A study of the culture of pre-industrial,
complex, and developing societies. The course
examines the increasingly complex social,
economic, and political relationships between
cultures and nations from both an historical
and modern perspective.

Cross-listed with Cross Cultural Studies 1108.
Global Perspective, Social Science.

2201 Society and the Individual

4 credits

This course examines the ways in which social
life contributes to the development of individual
behavior, ideology, and life chances in society.
This encompasses issues regarding how
individual thoughts and emotions influence
social interaction, and how that interaction is
shaped and constrained by social structure.

Prerequisite: Sociology 1103.

2202 The Family

4 credits

A study of the contemporary American family,
its reaction to stress and its function in a rapidly
changing society. The impact of ethnicity on
families, family structure, and communication is
emphasized. Students will review past and pres-
ent novels, films, and television works to analyze
and assess family roles and behavior. Students
will participate in a family intervention project.
Cross-listed with Social Work 2202.

Prerequisite: Sociology 1103.

2203 Urban Sociology

4 credits

The study of differentiation of social structures
and functions within urban communities;
ecological processes involved in the growth of
cities and metropolitan areas; an analysis of
urbanism as a way of life.

Prerequisite: Sociology 1103.

2204 Social Psychology*4 credits*

A study of group behavior and cognition as they can be explained through psychological principles and phenomena. This course provides a survey of how what people think, believe, or do is altered by the presence of other people. Topics include attitudes, attitude change, social perception, social influence, altruism, and group dynamics.

Cross-listed with Psychology 2204.

Prerequisite: Psychology 1106.

2205 Criminology*4 credits*

A study of the theoretical aspects of criminal behavior and crime causation; the measurement of crime and crime statistics as well as techniques of crime prevention and societal reaction to crime.

Prerequisite: Sociology 1103.

2212 Wealth, Power, and Prestige in American Society*4 credits*

A survey of classical and contemporary theories and research on the development and consequences of class inequality in American society. Topics include status, social class, social mobility, class conflict, and income distribution.

Prerequisite: Sociology 1103.

2214 Human Behavior and the Social Environment*4 credits*

An examination of human behavior throughout the life cycle. The course emphasizes the bio-psycho-socio-cultural perspective in its exploration of functional and dysfunctional patterns of coping and adaptation. Various theoretical perspectives are introduced to explain human development.

Cross-listed with Social Work 2214.

Prerequisite: Sociology 1103.

2225 Aging: The Individual and Society*4 credits*

An examination of the social processes encountered in adulthood and old age, using a bio-psycho-socio-cultural perspective. Included will be a discussion of theories and research, which explores the phenomenon of aging from an individual and societal perspective. Topics include productivity and social participation, cohort and intergenerational relationships, networks and social support, environment, and economic status. Discussions will consider the effects of ageism on the individual, and policy considerations.

Cross-listed with Social Work 2225.

Prerequisites: Sociology 1103 or permission of the instructor.

2240 Technology and Social Change*4 credits*

An understanding of how society is organized is crucial to an understanding of human life and social relations. This course is an overview of some of the basic changes in social organization over time, and the impact of these changes on the American way of life. How these changes are related to innovations and social institutions is the crux of understanding many social science disciplines. In particular, we will pay attention to the role of technology in American culture, and how it is connected to a shift from pre-industrial times to today's post-industrial society. We will also discuss the link between technology, the computer age, and the media.

Prerequisite: Sociology 1103.

3306 National Security in a Changing World*4 credits*

A survey of the international and domestic factors that shape contemporary U.S. national security policy and strategy. The course provides a brief introduction to traditional conceptions of military strategy and the use of force, examines the extent to which domestic political factors influence national security policy-making, and explores the merits and shortfalls of future national security strategies. Topics discussed include civil-military

relations, leadership and accountability, terrorism, peacemaking and peacekeeping, and resource management.

Cross-listed with Political Science 3306.

3308 Adulthood and Aging

4 credits

Psychological and personality changes from young adulthood through old age; adult socialization and the age status system; changing concomitants of family relationships, employment, leisure, and retirement; health issues, psychopathology, and death.

Cross-listed with Psychology 3308.

Offered in 2002-2003 and in alternate years.

Prerequisite: Psychology 1106.

3315 Sociology of the Criminal Justice System

4 credits

A study of the functions of police, courts, and corrections as institutions of social control in American society. The most effective methods of organization and analysis of these components of the system are emphasized. Students will participate in field trips.

Prerequisite: Sociology 1103.

3319 The Development of Sociological Theory

4 credits

The study of the major sociological theorists of 18th, 19th, and 20th centuries with special emphasis on Comte, Durkheim, Marx, Weber, and Mead. Emphasis is on the foundation of sociological theory and on using theoretical concepts to understand society. The course is designed to teach critical thinking and problem solving and to prepare students for the 4000-level courses.

Prerequisites: Sociology 1103 and eight additional prior credits in Sociology at the 2000+ level.

3325 Managing Systems in a Macro Environment

4 credits

The integration of concepts from human service organizations, culture, groups, and thinking styles with contemporary human relations issues in the American workplace. Ethnicity, changing societal norms, gender, and employee assistance programs are emphasized. Students work in small groups

and do analytical study with private and public work organizations. Students will be involved in field experiences with community organizations.

Cross-listed with Business Administration 3325 and Social Work 3325.

Prerequisite: Sociology 1103.

3328 Liberation Movements and Human Freedom

4 credits

A study of race, gender, and class and how the struggle of Native Americans, African-Americans, women, and gays/ lesbians contribute to our understanding of human liberation. Paulo Friere's *Pedagogy of the Oppressed* provides the theoretical perspective as we criticize the social, political, and religious forces making for oppression and for liberation.

Humanities, Social Science.

Cross-listed with Religious Studies 3328.

Prerequisite: Sociology 1103.

3348 Legal Forensics

4 credits

Students will explore issues raised in court proceedings related to forensic testimony. Topics include insanity and competency determinations, civil commitments, probate and guardianship hearings, as well as questions surrounding juvenile and criminal cases.

Prerequisites: Sociology 1103 and Sociology 2205 or 3315.

3355 Aging and Gender

4 credits

A study of the impact of gender and society on human development in adulthood from mid-life through death. Students are introduced to theories of feminism, and application is made to the adult development process. Topics include relationships in later life, social activism, retirement, multicultural and multigenerational issues, multiple losses, relocation, role changes, and policy issues. Cross-listed with Social Work 3355.

Prerequisite: Sociology 1103 or permission of instructor.

3358 Research Methods in Sociology

4 credits

This course is an introduction to how sociologists generate knowledge. Students will be introduced to the most common methods of sociological research including survey, experimental, field, and content analytical methods. Philosophical, theoretical, and ethical issues that support sociological practice, as well as the more technical aspects of the research craft including measurement and sampling will be considered. Students will be provided with ample opportunities to engage in hands-on activities designed to acquaint them with the challenges of carrying out social science research. This course also serves to prepare students for both the Senior Seminar and the Department's quantitative data analysis course.

Prerequisites: Sociology 1103 and eight additional prior credits in Sociology at the 2000+ level.

3360 Sociology of Education

4 credits

This course will examine, from a sociological perspective, the relationship between the educational system and society. We will analyze the dynamics occurring within schools and classrooms as well as the broader external influences that impact the educational institution in the context of an entire social system.

Prerequisite: Sociology 1103 or permission of instructor.

3392 Internship in Gerontology

2 credits

Supervised field experiences in appropriate settings designed to assist students in acquiring and using skills and knowledge of the field of study unique to gerontology. Possible settings for internships include long-term-care facilities, voluntary health organizations, professional associations, senior centers, churches, pastoral counseling centers, social service agencies for the aged, and research centers.

Cross-listed with Biology 3392, Psychology 3392, Religion 3392, and Social Work 3392.

4410 Work and Occupations

4 credits

A look into the sociological study of work and occupations, especially the analysis of industries, occupations, labor markets, and technical/social relations of production. Students will examine work patterns, divisions of labor, labor disputes, and the effects of technological innovation on the nature of work, and also deal with demographic variations in work populations and settings. Much attention is paid to how sociologists themselves do their work on a daily basis.

Prerequisites: Sociology 1103 and four additional prior credits in Sociology at the 2000+ level.

4427 Gender and Society

4 credits

An exploration of the social causes of gender differences. The course focuses on the impact of society on gender roles and the impact of gender roles on daily life.

Prerequisites: Sociology 1103 and four additional prior credits in Sociology at the 2000+ level.

4429 Race and Ethnic Relations in the U.S.

4 credits

A comparative approach to race and ethnic relations in the United States. The course compares and contrasts the experiences of multiple racial and ethnic groups. Special attention is paid to the underlying historical and contemporary symbolic and structural factors affecting both intra- and inter-group interactions.

Prerequisites: Sociology 1103 and four additional prior credits in Sociology at the 2000+ level.

4430 Medical Sociology

4 credits

An exploration of the interdependent relationship between culture and health by studying ethical and political aspects of health, illness, and health care. Students examine the social meaning underlying how medical conditions are categorized, interpreted, and treated.

Prerequisites: Sociology 1103 and four additional prior credits in Sociology or permission of instructor.

4433 Religion and Society

4 credits

In this course, we will explore both contemporary and classic sociological perspectives on religion. Focusing on the United States, we will examine religion both as a social institution (an enduring feature of society) as well as an aspect of individual experience. At the institutional level, we will examine the major shifts in religion in the U.S. over the last 100 years. Among other topics, we will discuss whether the U.S. is becoming more or less secular, which religious forms are growing most rapidly and how the emergence of new varieties of religious experience has changed the American religious landscape. We will also focus on a number of controversies in contemporary American religious institutions, as well as conflicts between the religious and secular spheres.

Prerequisites: Sociology 1103 and four additional prior credits in Sociology at the 2000+ level.

4492 Senior Seminar

2 credits

Centered on current issues and enduring debates in Sociology, the seminar will consist of readings and discussions as well as presentations of student research. The Senior Seminar is designed to assist Sociology majors in preparing for the Capstone Experience. Students will participate in the topical seminar. Topic areas are offered on a rotating basis. Topics include Criminology, Education, Gender, Medical Sociology, Race and Ethnicity, Religion, Social Change, Social Organization, and Social Stratification.

Prerequisites: Sociology 3319 and Sociology 3358.

4494 Quantitative Data Analysis in Sociology

4 credits

This advanced course in research techniques has two diverse aims. First, the course emphasizes the conceptual understanding and practical mastery of probability and probability distributions, inference, hypothesis testing, analysis of variance, as well as simple and multiple regression. Second, the course focuses on the assembly and handling of data sets, the

transformation and analysis of data using techniques common in sociological research, and the presentation of findings. The course will meet both in a lecture format (3 hours per week) and laboratory session (1.5 hours per week). As the Capstone Experience for both the class and the Sociology major, students will produce a research paper, which includes an analysis of secondary or original social science data.

Prerequisite: Sociology 4492 and completion of both Arithmetic and Algebra Proficiencies.

2265; 2266; 3365; 3366; 4465; 4466

Special Topics in Sociology

4 credits

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

Prerequisites: Sociology 1103 or permission of the instructor.

2295; 2296; 3395; 3396; 4495; 4496

Internships in Sociology

0-4 credits

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

Prerequisites: Sociology 1103 and permission of the instructor.

2298; 2299; 3398; 3399; 4498; 4499

Independent Studies in Sociology

0-4 credits

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors.

Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Prerequisite: Sociology 1103.

Statistics

Professors Claycombe, J. Olsh (Department Chair) and Seidel; Assistant Professor McIntyre.

Areas of particular teaching interest:

Professor Claycombe: industrial organization, managerial economics; Professor Olsh: economic development, history of economic thought; Professor Seidel: money and banking; Professor McIntyre: macroeconomics, international economics.

No major is offered in this field.

STATISTICS COURSE DESCRIPTIONS (STA)

2215 Elementary Statistics for Social Science

4 credits

Basic statistical principles and techniques; summarizing and presenting data, measuring central tendency and dispersion in data, basic concepts of probability and probability distributions, estimation of parameters and testing of hypotheses through statistical inference, linear regression and simple correlation.

Prerequisites: Mathematics 1001 or passing Arithmetic Proficiency Exam, Mathematics 1002 or passing Algebra Proficiency Exam. Not open to students who have completed Mathematics 3324.

2216 Statistical Methods

4 credits

Development of underlying assumptions, limitations, and practical applications of modern statistical analysis. Emphasis is on multivariate regression and analysis of variance and related computer techniques. Techniques of experimental design and statistical inference in various contexts are developed. Time series and forecasting topics are included.

Prerequisite: Statistics 2215 or Mathematics 3324.

Theatre Arts

Professor Domser (Department Chair); Associate Professor R. Miller; Lecturer van den Berg.

Areas of particular teaching interest:

Professor Domser: design and technical production, theatre management; Professor Miller: acting, theatre history, dramatic literature, paratheatrical performance; Professor van den Berg: acting, voice, and movement.

The theatre arts program offers comprehensive study in theatre history, dramatic literature and criticism, and performance and production skills. Visiting professionals from the Baltimore/Washington area support the permanent faculty with specialized courses in performance. Coursework is further complemented by opportunities to participate in productions directed by faculty, visiting artists, and students. The major in theatre arts prepares students for careers in the professional theatre, for graduate studies in theatre, and for a variety of other vocations which demand the analytic, creative, and interactive skills developed by theatre majors.

Other Educational Options in Theatre Arts: Dual majors with Communication, English, and Music (Musical Theatre); minor in Theatre Arts.

BASIC MAJOR (42 HRS)

Required:

THE 1111 Stagecraft

THE 3332 Production Laboratory

THE 3392 Capstone – Drama Workshop

THE 1113 Acting or THE 1151 Acting: The Creative Process

Three courses from:

THE 2211 Creating A Character

THE/CLT 2225 Theatre of the Western World I

THE/CLT 2226 Theatre of the Western World II

THE/CLT 2227 The Contemporary Theatre

THE/CCS 2230 Performance & Culture

THE 2284 Modern American Drama

Three courses from:

THE 2241 Costume & Make-up Design

THE 2242 Lighting Design

THE 2243 Set Design

THE 2244 Theatre Management

THE 2245 Voice & Movement for the Actor

THE 2246 Scene Study

THE 2248 Modern Acting Styles

THE 2249 Classical Acting Styles

THE 3320 Directing

THE 3328 Playwriting

THE 3353 Musical Theatre Scene Study

One course from:

THE 3330 Performance Laboratory (2 hrs)

THE 3334 Management Laboratory (2 hrs)

THE 3336 Directing Laboratory (2 hrs)

THE 3338 Dramaturgy Laboratory (2 hrs)

THE 3340 Playwriting Laboratory (2 hrs)

Recommended:

THE 1119 Theatre Appreciation

THE/MUL 2216 History of Musical Theatre

THE/ENG 3350 Shakespeare

Suggested First-Year Schedule:

THE 1111 Stagecraft

THE 1113 Acting or THE 1151 Acting: The Creative Process

English Composition

Foreign Language

BLARs

First-year Seminar

MINOR IN THEATRE ARTS (20 HRS)

THE 1111 Stagecraft

THE 1113 Acting or THE 1151 Acting: The Creative Process

Two courses from:

THE 2211 Creating A Character

THE/CLT 2225 Theatre of the Western World I

THE/CLT 2226 Theatre of the Western World II

THE/CLT 2227 The Contemporary Theatre

THE/CCS 2230 Performance & Culture

THE 2284 Modern American Drama

One course from:

THE 2241 Costume & Make-up Design

THE 2242 Lighting Design

THE 2243 Set Design

THE 2244 Theatre Management

THE 2245 Voice & Movement for the Actor

THE 2246 Scene Study

THE 2248 Modern Acting Styles

THE 2249 Classical Acting Styles

THE 3320 Directing

THE 3340 Playwriting Laboratory (2 hrs)

THE 3353 Musical Theatre Scene Study

Contacts: Dr. R. Miller, Theatre

Prof. Domser, Theatre

DUAL MAJOR: THEATRE ARTS – COMMUNICATION (62 HRS)

Required:

THE 1111 Stagecraft

THE 3392 Capstone – Drama Workshop

THE 1113 Acting or THE 1151 Acting: The Creative Process

Two courses from:

THE 2211 Creating A Character

THE/CLT 2225 Theatre of the Western World I

THE/CLT 2226 Theatre of the Western World II

THE/CLT 2227 The Contemporary Theatre

THE/CCS 2230 Performance & Culture

THE 2284 Modern American Drama

Two courses from:

THE 2241 Costume & Makeup Design

THE 2242 Lighting Design

THE 2243 Set Design

THE 2244 Theatre Management

THE 2245 Voice & Movement for the Actor

THE 2246 Scene Study

THE 2248 Modern Acting Styles

THE 2249 Classical Acting Styles

THE 3320 Directing

THE 3328 Playwriting

One course from:

THE 3330 Performance Laboratory (2 hrs)

THE 3332 Production Laboratory (2 hrs)

THE 3334 Management Laboratory (2 hrs)

THE 3336 Directing Laboratory (2 hrs)

THE 3338 Dramaturgy Laboratory (2 hrs)

THE 3340 Playwriting Laboratory (2 hrs)

COM 1102 Interpersonal Communication

COM 1103 Mass Communication

COM 1110 Public Speaking

COM 2202 Communication Research Methods

STA 2215 Statistics for Social Science

Three additional four-credit courses in Communication at the 3000 level or above, including at least one of the following:

- COM 4593 Capstone – Seminar in
Language & Discourse
COM 4594 Capstone – Seminar in Rational
Communication
COM 4595 Capstone – Seminar in
Communication Media & Information
Systems
(Internships do not apply.)

Suggested First-Year Schedule:

- THE 1111 Stagecraft
THE 1113 Acting or THE 1151 Acting: the
Creative Process
COM 1102 Interpersonal Communication
COM 1103 Mass Communication
English Composition
Foreign Language
First-year Seminar

*Contacts: Prof. Domser, Theatre
Dr. Meyer, Communication*

**DUAL MAJOR: THEATRE ARTS –
ENGLISH (58 HRS)**

Required

- THE 1111 Stagecraft
THE 1113 Acting or THE 1151 Acting: The
Creative Process
THE 3392 Capstone – Drama Workshop
Two courses from:
THE 2211 Creating A Character
THE/CLT 2225 Theatre of the Western
World I
THE/CLT 2226 Theatre of the Western
World II
THE/CLT 2227 The Contemporary Theatre
THE/CCS 2230 Performance & Culture
THE 2284 Modern American Drama

Two courses from:

- THE 2241 Costume & Make-up Design
THE 2242 Lighting Design
THE 2243 Set Design
THE 2244 Theatre Management
THE 2245 Voice & Movement for the
Actor
THE 2246 Scene Study
THE 2248 Modern Acting Styles
THE 2249 Classical Acting Styles
THE 3320 Directing
THE 3328 Playwriting

One course from:

- THE 3330 Performance Laboratory (2 hrs)
THE 3332 Production Laboratory (2 hrs)
THE 3334 Management Laboratory (2 hrs)
THE 3336 Directing Laboratory (2 hrs)
THE 3338 Dramaturgy Laboratory (2 hrs)
THE 3340 Playwriting Laboratory (2 hrs)

One course from:

- ENG 2230 Beowulf to Mallory
ENG2231 Renaissance Literature

One course from:

- ENG 2232 Enlightenment Literature
ENG 2233 Romantics

One course from:

- ENG 2234 Victorian Literature
ENG 2270 Twentieth-Century British
Literature
ENG/THE 3350 Shakespeare

One course from:

- ENG 2250 Post-Colonial Literature
ENG 2251 Literature by Women
ENG 2252 Popular Literature
ENG 2253 Southern Literature
ENG 2254 Nature Writing
ENG 2255 Short Story Cycles
ENG 2256 20th-Century American Poetry
ENG 2258 African-American Literature
ENG 2260 Horror Fiction
ENG 2271 Contemporary British
Literature
CLT 2219/20 Great Works I & II

Two courses from:

- ENG 2241 American Lit. I: Colonial &
Renaissance
ENG 2242 American Lit. II: Realism &
Naturalism
ENG 2243 American Lit. III: Modern &
Contemp

Suggested First-Year Schedule:

- THE 1111 Stagecraft
THE 1113 Acting or THE 1151 Acting: The
Creative Process
English Composition
Foreign Language
BLAR
First-year Seminar

*Contacts: Prof. Domser, Theatre
Dr. Panek, English*

**DUAL MAJOR: THEATRE ARTS –
MUSIC (60 HRS)**

Required:

THE 1111 Stagecraft

THE 3392 Capstone – Drama Workshop

THE 1113 Acting or THE 1151 Acting: The
Creative Process

Two courses from:

THE 2211 Creating A Character

THE/CLT 2225 Theatre of the Western
World I

THE/CLT 2226 Theatre of the Western
World II

THE/CLT 2227 The Contemporary Theatre

THE/CCS 2230 Performance & Culture

THE 2284 Modern American Drama

Two courses from:

THE 2241 Costume & Make-up Design

THE 2242 Lighting Design

THE 2243 Set Design

THE 2244 Theatre Management

THE 2245 Voice & Movement for the
Actor

THE 2246 Scene Study

THE 2248 Modern Acting Styles

THE 2249 Classical Acting Styles

THE 3320 Directing

THE 3328 Playwriting

THE 3353 Musical Theatre Scene Study

One course from:

THE 3330 Performance Laboratory (2 hrs)

THE 3332 Production Laboratory (2 hrs)

THE 3334 Management Laboratory (2 hrs)

THE 3336 Directing Laboratory (2 hrs)

THE 3338 Dramaturgy Laboratory (2 hrs)

THE 3340 Playwriting Laboratory (2 hrs)

MUT 1131 Music Theory I

MUT 1132 Music Theory I

MUL 2203 Music of the Western World I

MUL 2204 Music of the Western World II

MUL/THE 2216 History of the Musical Theatre

One course chosen from upper-level electives or
independent studies in Music

Six hours from private lessons:

MUS 1003 Classical Piano

MUS 1006 Voice

MUS 1010 Jazz Piano

(as needed for proficiency)

*Contacts: Prof. Domser, Theatre
Dr. Armstrong, Music*

Theatre Arts Course Descriptions (THE)

1111 Stagecraft

4 credits

An introduction to the theory and practice of stagecraft in the live theatre. Concentration is on basic drafting, stage management, carpentry, rigging, and electronics (stage lighting).

1113 Acting

4 credits

The development in each student of the physical, vocal, emotional, and interactive creativity necessary to imaginative theatrical performance. Humanities.

1119 (FR) Theatre Appreciation

4 credits

An introduction to the analysis and appreciation of theatre. The student receives an overview of dramatic theory and practice by reading and attending plays, studying critical evaluations of professionals, and participating in classroom discussions. Humanities.

1151 (FR) Acting: The Creative Process

4 credits

An introduction to acting combining practical exercises with study of major texts on acting. Emphasis is placed on scene analysis and scene work, as well as written exercises in performance analysis and acting theory. Humanities.

2211 Creating a Character

Building on skills in Theatre Arts 1113/1151, this course uses Stanislavski-based techniques to create a realistic character. Further exploration of voice and movement work is used to develop the emerging actor's instrument. Scenes from both contemporary and classical plays will be used to study text in the development of character.

2212 Play, Ceremony & Performance

4 credits

An exploration of performance in the context of paratheatrical practices such as dramatic play, ceremony, ritual, and psychodrama. This laboratory course blends theoretical readings and research with exercises, improvisations and process work.

2216 History of Musical Theatre

4 credits

A survey of musical theatre from its beginning to the present, studied in relation to its historical, literary, and cultural background. Included is study of such musical theatre forms as opera, operetta, ballad opera, and musicals.

Humanities.

Cross-listed with Music 2216.

Offered in 2001-2002 and alternate years.

2225 Theatre of the Western World I

4 credits

A survey of major developments in Western theatre history and literature from the Golden Age of Greece to the Restoration. Included are theatre and drama of Ancient Greece and Rome, Medieval Europe, Italy, England, and Spain during the Renaissance, the French classical period, and the English Restoration. Heritage Sequence, Humanities.

Cross-listed with Comparative Literature 2225.

2226 Theatre of The Western World II

4 credits

A survey of major developments in Western theatre history and literature from the Restoration to modern drama. The course treats the emergence of the major modern styles of romanticism, realism, expressionism, epic theatre, and theatre of the absurd. Heritage Sequence, Humanities.

Cross-listed with Comparative Literature 2226.

2227 The Contemporary Theatre

4 credits

Studies in dramatic literature, theatre practice, and performance theory since 1960.

Humanities.

Cross-listed with Comparative Literature 2227.

Offered in 2001-2002 and every third year.

2230 Performance and Culture

4 credits

An examination of performance, performance history, and performance theory of non-Western cultures, including those of Asia, Africa, Native America, the Middle East, and South America. Intercultural performance will also be considered with an eye toward the global community.

Global Perspective, Humanities.

Cross-listed with Cross Cultural Studies 2230.

2241 Costume and Make-up Design

4 credits

A study in costume design theories and techniques for modern and period plays in a wide variety of styles. Students will be introduced to the history of Western dress and will be expected to research period costume. A laboratory session each week will explore the principles of make-up design and application.

Offered in 2003-2004 and every third year.

2242 Lighting Design

4 credits

An in-depth study of the function and creation of lighting designs for the theatre. Practical experience is provided through both hypothetical and realized design assignments.

Prerequisite: Theatre Arts 1111.

Offered in 2002-2003 and every third year.

2243 Set Design

4 credits

An in-depth study of the function and creation of scenic designs for the theatre. Practical experience is provided through both hypothetical and realized design assignments.

Prerequisite: Theatre Arts 1111.

Offered in 2001-2002 and every third year.

2244 Theatre Management

4 credits

An investigation of current theatre management practices, concentrating on production, promotion, and operation of an active theatre season. The student will become familiar with the function of box office manager, press agent, producer, theatre manager, and promoter through class projects directly related to the season of the Theatre Arts Department and Theatre on the Hill.

Offered in 2003-2004 and every third year.

2245 Voice and Movement for the Actor

4 credits

An introduction and exploration of the range of techniques used in developing the potential of the actor's instruments: his own voice and body. Exercises will emphasize physical and vocal articulation, posture, proper breathing, and disciplines of movement helpful to the actor. These exercises will be applied through work on texts and other forms of performance.

Prerequisite: Theatre Arts 1113 or 1151.

Offered in 2003-2004 and every other year.

2246 Scene Study

4 credits

An intensive course for those with some introductory coursework or experience. The technique used is based on the Stanislavsky system and emphasizes organic acting, emotional truth, genuine talking, and authentic behavior.

Scenes and monologues from contemporary plays will be studied, rehearsed, and performed.

Prerequisite: Theatre Arts 1113 or 1151.

Offered in 2003-2004 and every third year.

2248 Modern Acting Styles

4 credits

A laboratory course exploring modern acting styles: Epic theatre, Theatre of the Absurd, and Environmental theatre. Work on monologues and scenes; exercises in voice, movement, and imagination; text analysis and research.

Prerequisites: Theatre Arts 2245.

Offered in 2002-2003.

2249 Classic Acting Styles

4 credits

A laboratory course exploring the approaches to acting required by classic theatrical texts in four major styles: Greek tragedy, Shakespeare, comedy of manners, and farce. Work on monologues and scenes; exercises in voice, movement, and imagination; text analysis and research.

Prerequisites: Theatre Arts 2245.

2284 Modern American Drama

4 credits

A course combining traditional study of modern American dramatic literature and theatre history with laboratory work in staging, acting, design, and dramaturgy. This course will trace the development of characteristic American theatrical forms from the late 19th century to the present.

Humanities.

Offered in 2002-2003.

3320 Directing

4 credits

Principles of staging the play through projects designed to provide a wide range of experience in approaching the particular problems of the director.

Prerequisite: Theatre Arts 1113 or 1151 or permission of the instructor.

Offered in 2002-2003 and in alternate years.

3328 Playwriting

4 credits

The principles of playwriting through the analysis of scripts written for the stage. The techniques and demands of playwriting are developed through the construction and composition of original scripts and adaptations. Offered in 2001-2002 and as needed.

3330 Performance Laboratory

2 credits

A practicum in acting associated with a production from the Department's theatre season which provides the student with acting challenges at an advanced level.

Prerequisites: Theatre Arts 1113 or 1151 and permission of the instructor.

This course may be repeated for credit.

3332 Production Laboratory

2 credits

A practicum in design or technical theatre associated with a production from the Department's theatre season which provides the student with design challenges at an advanced level.

Prerequisites: Theatre Arts 1111 and permission of the instructor.

This course may be repeated for credit.

3334 Management Laboratory

2 credits

A practicum in stage management, box office management, or theatre management associated with a production from the Department's theatre season which provides the student with management challenges at an advanced level.

Prerequisite: Theatre Arts 2244 or permission of the instructor.

This course may be repeated for credit.

3336 Directing Laboratory

2 credits

A practicum in play directing associated with a production from the Department's theatre season which provides the student with directing challenges at an advanced level.

Prerequisites: Theatre Arts 3320 and permission of the instructor.

This course may be repeated for credit.

3338 Dramaturgy Laboratory*2 credits*

A practicum in dramaturgy associated with a production from the Department's theatre season which provides the student with dramaturgical challenges at an advanced level.

Prerequisite: Permission of the instructor.

This course may be repeated for credit.

3340 Playwriting Laboratory*2 credits*

A practicum in playwriting associated with a production from the Department's theatre season which provides the student with playwriting challenges at an advanced level.

Prerequisites: Theatre Arts 3328 and permission of the instructor.

This course may be repeated for credit.

3350 Shakespeare*4 credits*

A study of Shakespeare's major works from the poetry through the major tragedies.

Humanities.

Cross-listed with English 3350.

3353 Musical Theatre Scene Study*4 credits*

This course is designed for advanced acting and music students interested in developing musical theatre skills. Using contemporary American and British musical theatre texts, students will be taught to apply acting, singing, and movement techniques to bring characters to life on stage. Professors from both the Music and Theatre Arts Departments will collaborate to develop the student's craft.

Prerequisites: Theatre Arts 1113 or 1151, Music 1104, and by audition during first week of class.

Cross-listed with Music 3353.

4460 Drama Workshop*4 credits*

A Capstone course designed for theatre majors, minors and others interested in advanced problems in the interpretation and performance of theatrical texts. This laboratory course emphasizes the relationship of textual analysis and research to the practical problems encountered by actors, directors, designers, and dramaturgs. A different set of theatrical texts is explored in different years, texts illuminating a genre, a theatrical style, or the work of a major playwright or group of playwrights.

Prerequisite: senior Theatre Arts major, dual major or minor, or permission of the instructor.

2265; 2266; 3365; 3366; 4465; 4466**Special Topics in Theatre Arts***4 credits*

The study of a selected topic in the discipline. Different topics are chosen for each offering, based on students' interests and needs.

2295; 2296; 3395; 3396; 4495; 4496**Internships in Theatre Arts***0-4 credits*

Supervised field experiences in appropriate settings, usually off-campus, designed to assist students in acquiring and using skills and knowledge of the discipline unique to the selected topic.

2298; 2299; 3398; 3399; 4498; 4499**Independent Studies in Theatre Arts***0-4 credits*

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors. Qualified students who are not candidates for such honors but who desire to do independent studies are also admitted with permission of the Department.

Women's Studies

No major is offered in this field.

A minor in Women's Studies is available through the Department of History.

WOMEN'S STUDIES

MINOR (20 HRS)

IDS 1107 Women in Western Culture

IDS 1108 Women in Western Culture

Three courses from:

COM 3351 Gender & Communication

ENG 2251 Literature by Women

GSC 2206 Women in Science: From
Antiquity into the Next Millennium

HIS 1191 Gender & Society in Ancient
Greece

HIS 2208 Roman Women

HIS 2222 Gender & Society in America,
Past & Present

Independent Studies in Women's Studies
(IDS 2298-4499)

REL 2204 Women & Religion

REL 2215 Prejudice and Power: Minorities
in America

REL/SOC 3328 Liberation Movements &
Human Freedom

SOC/SWK 2202 The Family

SOC 3335 Women, Men & Society

Other courses appropriate to the minor, as
approved by the program coordinator

Contact: Dr. D. Evergates, History

College Organization

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Professor of Practice
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Host and Executive Producer
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Business Consultant
Round Hill, Virginia

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Educator (Retired)
Manchester, Maryland

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Baltimore, Maryland

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Educator (Retired)
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(1972)

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Vice President, Institutional Advancement,

Richard G. Kief

Vice President, Administration and Finance,

Ethan A. Seidel

Academic Affairs

H. Samuel Case, Provost and Dean of the Faculty, B.S., M.Ed., Western Maryland College; Ph.D., The Ohio State University

Michael R. Rosenthal, Special Assistant to the Provost, B.A., Western Reserve University; M.S., Ph.D., University of Illinois

Barbara J. Horneff, Associate Dean of the First Year Program, B.S., Towson University; M.Ed., Western Maryland College

Henry B. Reiff, Associate Dean of Academic Affairs, A.B., Princeton University; M.Ed., Ph.D., University of New Orleans

Jan C. Fazzari, Institutional Research Analyst, B.A., University of Maryland Baltimore County; M.S., Western Maryland College

Anna M. Thomas, Executive Secretary

Ralene R. Mitschler, Interim Director of the Honors Program, B.S., M.S., University of Nebraska; Ph.D., Kansas State University

Thomas G. Deveny, Assistant Director of the Honors Program, B.A., State University of New York-Albany; M.A., University of Florida; Ph.D., University of North Carolina

Susan C. Dorsey, Learning Specialist, Academic Skills Center, B.A., University of Maryland, Baltimore City; M.S., Western Maryland College

Kevin D. Selby, Acting Director, Academic Skills Center, B.S., Frostburg State University; M.S., Western Maryland College

Lynda M. Casserly, Coordinator of Interpreting Services, B.S., Saint Bonaventure University

Steven Kerby, Director of Instructional Technology, B.A., Texas Wesleyan University

Lisa M. Breslin, Interim Administrator of the Writing Center, B.A., Colorado College; M.A., Indiana University

Joshua A. Selzer, Arts Manager, B.A., Western Maryland College; M.F.A., California Institute of the Arts

TBA, Director of Multi-Cultural Services

Walter M. Michael, Artist in Residence, B.A., Western Maryland College

Administration and Finance

Ethan A. Seidel, Vice President, Administration and Finance, B.A., The Johns Hopkins University; M.B.A., Wharton Graduate School, University of Pennsylvania; Ph.D., The Johns Hopkins University

Arthur S. Wisner, Director of Financial Services/Treasurer, B.S., Iowa State University

Kimberly A. Seeley, Director of Financial Planning & Budget/Assistant Treasurer, B.S., Towson University

Clement J. Ani, Senior Accountant, B.S., Central State University; M.B.A., Morgan State University

Barbara J. Kashen, Payroll and Accounts Payable Manager, B.A., M.S., Western Maryland College

Maureen L.T. Meloche, Administrative Assistant

Ernest L. Ogle, Telecommunications Manager

Admissions

M. Martha O'Connell, Dean of Admissions, B.S., M.Ed., Rutgers University

Julie A. Biddinger, Senior Associate Director of Admissions, B.A., Western Maryland College

Stephanie D. DeSanctis, Associate Director of Admissions, B.A., Washington College

Jill R. Morsberger, Associate Director of Admissions, B.S., Villa Julie College

Heidi M. Reigel, Associate Director of Admissions, B.A., Western Maryland College

George E. Dix, Admissions Counselor, B.A., Virginia State University

TBA, Admissions Counselor

Alumni Relations

Robin Adams Brenton, Director of Alumni Relations, B.A., Western Maryland College

Michelle Hamilton Kershner, Associate Director of Alumni Relations, B.A., Western Maryland College

Kathryn E. Crowe, Assistant Director of Alumni Relations, B.A., Western Maryland College

Athletics

James M. Smith, Director of Athletics, B.S., Cornell University; M.Ed., Loyola University

Carol A. Fritz, Associate Director of Athletics, B.S., West Chester University of Pennsylvania; M.Ed., Western Maryland College; Ed.D., George Washington University

Steven Peed, Director of Sports Information, B.A., Western Maryland College

Gregg S. Nibbelink, Head Athletic Trainer & Lecturer, B.S., Towson University; M.S., Ohio State University

Melissa D. Lachman, Assistant Athletic Trainer & Lecturer, B.A., M.S., Western Maryland College

Head Coaches

Baseball, **David G. Seibert**

Men's Basketball, **Jay D. Dull**

Women's Basketball, **Rebecca L. Martin**

Cross-Country, **Douglas J. Renner**

Field Hockey, **Mindy Manolovich**

Football, **Timothy F. Keating**

Men's Golf, **J. Scott Moyer**

Women's Golf, **Michael C. Diehl**

Men's Lacrosse, **Keith R. Reitenbach**

Women's Lacrosse, **Mindy Manolovich**

Men's Soccer, **John P. Plevyak**

Women's Soccer, **Scott Swanson**

Women's Softball, **George E. Dix**

Swimming, **Catherine E. Easterday**

Tennis, **Matthew Bilger**

Track, **Douglas J. Renner**

Volleyball, **Carole J. Molloy**

Wrestling, **TBA**

Biology

Kathryn E. Sheridan, Lab Preparer, B.A., Western Maryland College

Bursar's Office

Susan L. Schmidt, Bursar, B.S., Towson University

Harriett E. Corbran, Assistant Bursar, A.A., Brookdale Community College

Campus Safety

Michael N. Webster, Director of Campus Safety, B.S., Northeastern University

Career, Counseling, and Health Services

Karen N. Arnie, Director of Career Advising, B.A., Western Maryland College; M.A., University of Maryland

Alison F. Leister, Assistant Director of Career Advising, B.A., University of Maryland at Baltimore

Susan J. Glore, Director of Counseling Services, B.A., M.S., Shippensburg University

Herbert E. Henderson, College Physician, B.S., University of South Carolina; M.D., Medical University of South Carolina

Katherine B. Moncure, Counselor, B.S., Rochester Institute of Technology; M.A., Fairfield University

Joan M. Lusby, Physician's Assistant (certified), B.S., Johns Hopkins University

Chemistry

Marilyn Kroeger Smith, Chemistry Lab Instructor/Chemistry Hygiene Officer, B.A., St. Olaf College; M.S., Ph.D., University of Nebraska

College Activities

Mitchell K. Alexander, Director of College Activities, B.A., M.Ed., Western Maryland College

Elizabeth E. Chimock, Assistant Director of College Activities, B.S., M.A., Indiana University of Pennsylvania

Ernest F. Thompson, Jr., Operations Supervisor, B.S. & M.Ed., Indiana University of Pennsylvania; M.Ed., Shippensburg University

Communications & Marketing

Joyce D. Muller, Associate Vice President, Communications & Marketing, B.S., Towson University

Peggy Fosdick, Director of Communications, B.A., University of Delaware

Donald W. Schumaker, Jr., Associate Director/Media Relations, B.S., Towson University

Carol A. Rothenberger, Office Manager/Communications Assistant

Development

Steve Krahling-Haddad, Associate Vice President of Development, B.A., Indiana University at Bloomington

Rabab Crawford, Director of Corporate & Foundation Relations, B.A., Hebrew University, Israel

Toni L. Condon, Director of Major Gifts & Campaign Director, B.A., University of Nebraska at Omaha; M.T.S.C., Miami University

Kimberly S. Parks, Director of Annual Giving, B.A., Lynchburg College

Gail C. Shaivitz, Director of Gift Planning, B.A., Goucher College

Vicky E. Shaffer, Director of Research and Records

TBA, Associate Director of Annual Giving

Laura J. Russell, Associate Director of Reunion Giving, B.A., M.S., Western Maryland College

Jennifer L. Fisher, Assistant Director of Annual Giving, B.A., Hood College

Debbie V. Leazer, Coordinator of Donor Relations

Sandra V. Miller, Special Events Coordinator

Cynthia A. Harrison, Annual Giving Coordinator

Facilities Management & Auxiliary Services

Barry L. Bosley, Director of Facilities Management & Auxiliary Services, B.S., Salisbury State University; M.S., Hood College

Mary Jo Colbert, Director of Conference Services, B.S., Erskine College; M.S., Western Maryland College

Katherine L. Cousins, Special Events Coordinator, Conference Services

Victoria L. Peltier, Administrative Secretary

Kyle H. Meloche, Manager, Book Store, B.A., Western Maryland College

Vicki Carlson, Assistant Manager, Book Store

Alan Dolid, General Manager/Executive Chef, Food Services

Brenda Davidson, Director of Operations, Food Services

Melvin J. Whelan, Building Services Coordinator

Facilities Planning & Capital Projects

Edgar S. Sell, Jr., Director of Facilities Planning & Capital Projects

Philip R. Boob, Director of Grounds & Special Events

Joseph P. Bentz, Director of Building Operations & Maintenance

M. Elaine Simpson, Work Orders Coordinator

Financial Aid

Patricia M. Williams, Director of Financial Aid, B.S., M.A.S., The Johns Hopkins University

Eleanor L. Geiman, Assistant Director

School of Graduate & Professional Studies

Kenneth W. Pool, Dean of Graduate & Professional Studies, B.S., Carroll College; M.S., University of Wisconsin-Milwaukee; Ed.D., University of Georgia

Sherri L. Hughes, Assistant Dean of Graduate & Professional Studies/Coordinator HRD Program, B.A., Davidson College; M.S., Ph.D., Georgia Institute of Technology

Sarah R. Richardson, Administrative Asst.

Sheila R. Deane, Deaf Programs Manager

Arden M. Jones, Coordinator, Performance Learning Systems, B.S., University of Puget Sound; M.S., Western Maryland College

Linda L. Parker, Coordinator, C&I Program on Campus, B.S., University of Delaware; M.A., Ph.D., University of Maryland

Leslie J. Simpson, Coordinator, C&I Program Off Campus, B.S., University of Maryland, College Park; M.Ed., Western Maryland College

Randi D. Shamer, Administrator, C&I Program Off Campus, A.A., Carroll Community College

Crystal L. Perry, Administrator of Graduate Records

Human Resources

Thomas G. Steback, Director of Human Resources, A.A., Marietta College; B.S., St. Francis College; M.S., Western Maryland College

Juanita A. Feustel, Benefits and Employment Manager

Information Services

Christine J. Mathews, Director of Information Services, B.A., Salem College; M.S., Hood College

Kevin W. Clark, Colleague System Administrator, B.S., Highpoint University

Maxine A. Groft, Systems and Network Administrator/Programmer, B.A., M.S., Hood College

Edward H. Holthause, Technical Services Specialist

Wallace H. Newsome, Programmer/Analyst, B.A., Ohio Northern University

Anita A. Thiernian, Software Support Specialist/Trainer, B.A., Western Maryland College

Kellie J. Wuorinen, PC Support Technician, A.S., Devry Institute of Technology

Benjamin A. Koger, Webmaster/Assistant Systems & Network Administrator, B.A., Lynchburg College

Cathy S. Brown, Database Administrator, A.A., Frederick Community College; B.A., M.S., Hood College

Institutional Advancement

Richard G. Kief, Vice President for Institutional Advancement, B.S., St. Joseph's University

Beverly G. Staub, Executive Secretary, B.S., Shippensburg University

Library

TBA, Librarian, Director of Hoover Library

Lois J. Szymanski, Assistant to the Director, A.A., Hagerstown Junior College

Linda J. Garber, Acquisitions Supervisor, B.S., Towson University

M. Roxane Brewer, Cataloging Supervisor

Angela M. Shiever, Interlibrary Loan Supervisor

Heshmat Badiee, Audio-Visual Services

Math/Computer Science

Carolyn B. Boner, Director, Math Proficiency Program, B.S., Wittenberg University; M.A.T., Indiana University

President's Office

Joan Develin Coley, President, A.B., Albright College; M.Ed., Ph.D., University of Maryland

Mary Ann Friday, Executive Assistant to the President/Secretary of the College and the Board

Susan J. Cullison, Executive Secretary/Assistant Secretary of the College and the Board

Purchasing and Support Services

Margaret G. Bell, Director of Purchasing & Receiving, B.A., University of Maryland

Larry S. Shockney, Manager, Printing & Mailing Services

Beverly J. Herndon, Support Services Assistant, Central Services

Esther E. Griffith, Support Services Assistant, Post Office

Registrar

Jan A. Kiphart, Registrar, B.S., Colorado State University

Diane M. Morris, Associate Registrar, B.A., Western Maryland College

Kathleen A. Rice, Assistant Registrar for Graduate Studies, B.S., University of Maryland, University College

Amy S. Bell, Coordinator of Data Management & Integrity

Residence Life

Amanda Rose, Residence Life Coordinator, B.A., Western Maryland College

Shonda S. Wilson, Residence Life Coordinator, B.A., Virginia Wesleyan College

Stephanie D. Cook, Residence Life Coordinator, B.S., Pennsylvania State University

TBA, Residence Life Coordinator

Student Affairs

Philip R. Sayre, Vice President & Dean of Student Affairs, B.A., Hamilton College; M.Ed., University of Massachusetts; Ph.D., Boston College

Elizabeth S. Towle, Assistant Dean of Student Affairs, B.A., Assumption College; M.A., University of Vermont

Judith A. Hart, Administrative Assistant

Emeriti

The dates in parentheses following the listing of each person are the dates of first appointment and retirement. Persons are listed in order of retirement from the College.

Emeriti Administration

Philip Elwood Uhrig, B.A., M.Ed., Director of Alumni Affairs Emeritus (1949-1980)

Philip Blettner Schaeffer, B.A., Vice President for Business Affairs & Treasurer Emeritus (1959-1982)

Leonard Stanley Bowlsbey, Jr., B.A., M.Ed., Ph.D., Dean of Graduate Affairs & Professor of Education Emeritus (1969-1989)

Bernice Talbott Beard, B.A., M.L.A.,
Executive Assistant to the President/Secretary
of the Board and College Emerita (1962-1989)

Donna Duvall Sellman, B.A., M.A.,
Director of Alumni Affairs Emerita
(1970-1999)

Emeriti Faculty

Roselda Fowler Todd, A.B., M.A.,
Assistant Professor of Physical Education
Emerita (1930-1965)

Jacques Theophile Derasse,
Baccalaureat es Lettres, Certificat d'Aptitude
Pedagogique de Lille, Licence de l'Academie
de Paris, Mention Honorable en Pedagogie de
Academie de Paris, Assistant Professor of
French
Emeritus (1963-1976)

Charles Edward Crain, B.A., B.D., Ph.D.,
Professor of Religion
Emeritus (1949-1978)

Jean Kerschner, A.B., Ph.D.,
Professor of Biology
Emerita (1952-1980)

Fern Rudolph Hitchcock, Jr., B.A.,
M.Ed., Assistant Professor of Physical
Education
Emeritus (1962-1984)

Julia Taylor Hitchcock, B. Mus.Ed., B.Mus.,
Assistant Professor of Music
Emerita (1960-1985)

David Ralston Cross, B.A., M.A., Ph.D.,
Professor of Chemistry
Emeritus (1964-1989)

Arleen Heggemeier, B.Mus., M.Mus.,
D.Mus., Professor of Music
Emerita (1950-1989)

Donald Richard Zauche, B.A., M.A.,
Assistant Professor of Foreign Languages
Emeritus (1965-1989)

Carl Leo Dietrich, B.Mus., M.Mus.,
Associate Professor of Music
Emeritus (1967-1991)

McCay Vernon, B.A., M.S., M.A., Ph.D.,
Litt.D., Professor of Psychology and Director
of the Western Maryland College Institute on
Hearing Impairment
Emeritus (1969-1991)

George Theodore Bachmann, Jr., B.A.,
M.A., M.S.L.S., Associate Professor of Library
Science & Librarian
Emeritus (1971-1993)

Eleanor Nace Richwine, B.S.Ed., M.S.,
Instructor of Library Science and Librarian
Emerita (1970-1993)

William Thomas Achor, B.S., M.S., Ph.D.,
Professor of Physics
Emeritus (1965-1994)

Melvin Delmar Palmer, B.A., M.A.,
Ph.D., Professor of Comparative Literature
Emeritus (1965-1994)

Helen Bickel Wolfe, B.S., M.S., Ed.D.,
Associate Professor of Education
Emerita (1980-1994)

Ira Gilbert Zepp, Jr., B.A., B.D., Ph.D.,
Professor of Religious Studies
Emeritus (1963-1994)

Franklin Glendon Ashburn, B.A., M.S.,
Ph.D., Professor of Sociology
Emeritus (1971-1995)

Robert Hill Hartman, A.B., S.T.B., Ph.D.,
Professor of Philosophy and Religious Studies
Emeritus (1969-1995)

Donald Robert Rabush, B.A., M.Ed.,
Ed.D., Professor of Education
Emeritus; Laurence J. Adams Distinguished
Chair in Special Education (1973-1995)

Samuel "Tim" L. Weinfeld, A.B., A.M.,
Associate Professor of Dramatic Art
Emeritus (1970-1996)

Harold Ray Stevens, B.A., Ph.D.,
Professor of English
Emeritus (1966-1997)

Herman Edward Behling, Jr., B.S., M.A.,
D.Ed. Associate Professor of Education
Emeritus (1988-1998)

Richard Allen Clower, B.A., M.S., Ed.D.,
Professor of Exercise Science & Physical
Education
Emeritus (1956-1998)

Cornelius Paul Darcy, B.A., M.A., Ph.D.,
Professor of History
Emeritus (1963-1998)

James Edward Lightner, B.A., A.M.,
Ph.D., Professor of Mathematics
Emeritus (1962-1998)

Raymond Clarence Phillips, Jr., A.B.,
M.A., Ph.D., Professor of English
Emeritus (1963-1998)

Carol Jean Quinn, B.A., M.A., M.A.,
Associate Librarian
Emerita (1972-1998)

Ronald Keith Tait, B.A., M.A., Ph.D.,
Associate Professor of Sociology
Emeritus (1968-1998)

Robert Joseph Weber, B.S., M.A., Ph.D.,
Professor of Political Science & International
Studies
Emeritus (1969-1998)

Stephen Wheeler Colyer, A.B., M.A.,
Ph.D., Associate Professor of Psychology
Emeritus (1970-1999)

Donald Eugene Jones, A.B., Ph.D.,
Professor of Chemistry
Emeritus (1963-1999)

Joan Rita Weyers, B.S., Ed.M., Assistant
Professor of Exercise Science and Physical
Education
Emerita (1963-1999)

Alton Dennis Law, B.S., M.S., Ph.D.,
Professor of Economics
Emeritus (1966-2000)

Richard W. Dillman, B.E.S., M.S.,
Associate Professor of Communication
Emeritus (1981-2001)

H. David Neikirk, A.B., M.A., M.L.S.,
Librarian
Emeritus (1987-2002)

Howard B. Orenstein, B.A., M.A., Ph.D.,
Associate Professor of Psychology
Emeritus (1972-2002)

Nancy B. Palmer, B.S., M.A.,
Senior Lecturer of English
Emerita (1965-2002)

Faculty

*Date in parentheses indicates year of appointment
to the faculty.*

Gregory D. Alles, Associate Professor of
Religious Studies, B.A., Valparaiso University;
M.A., The Divinity School, University of
Chicago; M.Div., Lutheran School of Theology;
Ph.D., The Divinity School, University of
Chicago. (1987)

George Samuel Alspach, Jr., Professor of
Biology, A.B., Antioch College; M.S., Ph.D.,
Oregon State University. (1969)

Robin Armstrong, Associate Professor of
Music, B.M., M.A., California State University;
Ph.D., The University of Michigan. (1995)

Mary M. Bendel-Simso, Associate
Professor of English, B.A., The College of St.
Catherine; M.A., Ph.D., The State University
of New York at Binghamton. (1995)

Susan Ruddick Bloom, Professor of Art,
B.F.A., M.F.A., The Maryland Institute College
of Art. (1986)

Robert Philip Boner, Professor of
Mathematics, A.B., Rockhurst College; A.M.,
Indiana University; Ph.D., University of Notre
Dame. (1970)

Margaret A. Boudreaux, Professor of
Music, B.M., University of Arizona, Tucson;
M.Mus., University of Oregon, Eugene;
D.M.A., University of Colorado, Boulder.
(1989)

Michael Mathison Brown, Professor of
Biology, B.S., Lebanon Valley College; Ph.D.,
University of Delaware. (1968)

Glenn G. Caldwell, Associate Professor of Music, B.S., North Carolina Agricultural and Technical State University; M.Ed., Rutgers University; M.A., Ph.D., The Ohio State University. (1991)

James Richard Carpenter, Jr., Professor of Exercise Science and Physical Education, B.S., West Virginia Wesleyan College; M.Ed., Western Maryland College; Ed.D., West Virginia University. (1969)

Rebecca Carpenter, Associate Professor of English, B.A., Amherst College; Ph.D., University of California, Berkeley. (1995)

Howard Samuel Case, Professor of Exercise Science and Physical Education, Provost and Dean of the Faculty, B.S., M.Ed., Western Maryland College; Ph.D., The Ohio State University. (1965)

William Clinton Chase, Associate Professor of History, A.B., Dartmouth College; J.D., Harvard Law School; Ph.D., Harvard University. (1981)

Jack E. Clark, Associate Professor of Mathematics, B.S., Massachusetts Institute of Technology; M.S., Ph.D., Stanford University. (1978)

Richard J. Claycombe, Professor of Economics and Business Administration, B.A., DePauw University; M.Phil., Ph.D., George Washington University. (1981)

Joan Develin Coley, Professor of Education, and President, A.B., Albright College; M.Ed., Ph.D., University of Maryland. (1973)

Judith Coryell, Professor of Education, B.S.N., San Diego State University; M.A., California State University; Ph.D., University of Rochester. (1994)

Donald M. Craig, Professor of Military Science, B.S., West Point; M.S., Troy State University. (2000)

Sharon Craig, Assistant Professor of Education, B.S., University of Arizona; M.S., Western Maryland College; Ed.D., University of Maryland. (2000)

Terence A. Dalton, Associate Professor of English, B.A., Lafayette College; M.A., The Pennsylvania State University. (1990)

Thomas George Deveny, Professor of Foreign Languages, B.A., State University of New York-Albany; M.A., University of Florida; Ph.D., University of North Carolina. (1978)

Ira F. Domser, Professor of Dramatic Art, B.A., Utica College of Syracuse University; M.F.A., Boston University. (1981)

Lauren Dundes, Associate Professor of Sociology, B.A., Stanford University; M.H.S., D.S., The Johns Hopkins University. (1996)

Catherine A. Easterday, Coach/Lecturer, Swimming, B.A., Denison University. (1976)

Mohamed Esa, Associate Professor of Foreign Languages, M.A., Ph.D., University of Heidelberg. (1994)

Linda Ruth Eshleman, Associate Professor of Mathematics and Computer Science, B.S. Florida State University; M.A., Bowdoin College; Ph.D., University of Maryland. (1969)

Donna Evergates, Associate Professor of Foreign Languages and History, B.A., Goucher College; Ph.D., The Johns Hopkins University. (1987)

Theodore Evergates, Professor of History, A.B., Brown University; Ph.D., The Johns Hopkins University. (1973)

Francis Michael Fennell, Professor of Education, B.S., Lock Haven University of Pennsylvania; M.Ed., Bloomsburg University of Pennsylvania; Ph.D., The Pennsylvania State University. (1976)

Volker C. Franke, Assistant Professor of Political Science, Magister Artium, Johannes Gutenberg University; M.P.A., North Carolina State University; M.A., Syracuse University; Ph.D., Syracuse University. (1999)

Carol Ann Fritz, Professor of Exercise Science and Physical Education, B.S., West Chester University of Pennsylvania; M.Ed., Western Maryland College; Ed.D., George Washington University. (1967)

Mark A. Hadley, Associate Professor of Religious Studies, B.A., Reed College; M.A., University of Chicago; Ph.D., Brown University. (1997)

Roxanna E. Harlow, Assistant Professor of Sociology, B.A., Northwestern University; M.A., Ph.D., Indiana University. (2000)

Colette Martin Henriette, Associate Professor of French, Diplôme Universitaire d'Etudes Littéraires; Licence ès Lettres, Université de Madagascar; M.A., Ph.D., University of Maryland. (1990)

David Webb Herlocker, Professor of Chemistry, B.A., Knox College; M.S., Ph.D., University of Illinois. (1966)

Sherri Lind Hughes, Associate Professor of Psychology, B.A., Davidson College; M.S., Ph.D., Georgia Institute of Technology. (1989)

Esther Mildred Iglich, Professor of Biology, B.A., Queens College of CUNY; M.S., Ph.D., University of Georgia. (1979)

Vera Jakoby, Associate Professor of Philosophy, Zwischenprüfung, Johannes-Gutenberg Universität, Mainz; Ph.D., The Freie Universität Berlin. (1996)

Ochieng' K'Olewe, Assistant Professor of Education, B.S., Iowa State University; M.S., Northern Illinois University; Ed.D., West Virginia University. (1997)

Robert M. Kachur, Associate Professor of English, B.A., University of Virginia; M.A., University of Wisconsin; Ph.D., University of Wisconsin. (1998)

Timothy F. Keating, Coach/Lecturer and Head Football Coach, B.A., Bethany College; M.A., DePauw University. (1993)

Ramona Kerby, Associate Professor of Library Science, B.A., Texas Wesleyan University; M.Ed., Texas Christian University; M.L.S., Ph.D., Texas Woman's University. (1994)

Tony Kirschner, Assistant Professor of Communication, B.A., DePaul University; M.A., Ph.D., University of Illinois. (1997)

Erika Koch, Instructor of Psychology, B.A., Emory University; M.A., Wake Forest University. (2002)

Melissa Lachman, Lecturer and Assistant Athletic Trainer, B.S., M.S., Western Maryland College. (1998)

Eddy F. Laird, Assistant Professor of Education, B.A., Gallaudet University; M.S., University of Tennessee; M.A., California State University. (2000)

Christianna Nichols Leahy, Associate Professor of Political Science and International Studies, B.A., The American University; M.A., Ph.D., Georgetown University. (1984)

Robert Lemieux, Associate Professor of Communication, B.A., University of Southern Maine; M.A., Michigan State University; Ph.D., University of Georgia. (1996)

Debra Clements Lemke, Associate Professor of Sociology, B.S., M.A., University of Georgia; Ph.D., Iowa State University. (1994)

Brian L. Lockard, Associate Professor of Education, B.S., Frostburg State University; M.Ed., Western Maryland College; Ph.D., The American University. (1998)

Wilbur Lee Long, Professor of Biology, B.S., Towson University; Ph.D., Dartmouth College. (1973)

Michael L. Losch, Associate Professor of Art History, B.A., M.A., Michigan State University; Ph.D., The Pennsylvania State University. (1990)

Stephanie Madsen, Assistant Professor of Psychology, B.A., Carleton College; M.A., Ph.D., University of Minnesota. (2001)

Kathy Steele Mangan, Ralph and Dorothy John Professorship in the Humanities, Professor of English, B.A., Denison University; M.A., Ph.D., Ohio University. (1977)

Melinda Manolovich, Coach/Lecturer and Field Hockey and Women's Lacrosse Head Coach, B.S., Lynchburg College; M.Ed., Virginia Polytechnic Institute. (1999)

Rebecca L. Martin, Senior Coach/Lecturer and Women's Head Basketball Coach, B.A., M.Ed., Western Maryland College. (1981)

Jeffrey D. Marx, Assistant Professor of Physics, B.S., Rensselaer Polytechnic Institute; Ph.D., Rensselaer Polytechnic Institute. (2000)

Stephen D. McCole, Assistant Professor of Exercise Science and Physical Education, B.S., Lock Haven University; M.S., University of Florida; Ph.D., University of Maryland. (2001)

Margaret McDevitt, Assistant Professor of Psychology, B.A., M.S., California State University; M.A., Ph.D., University of California. (2000)

Kevin McIntyre, Assistant Professor of Economics and Business Administration, B.A., Grinnell College; M.A., Ph.D., University of Virginia. (2000)

Gretchen Krehling McKay, Assistant Professor of Art History, B.A., Colby College; M.A., Ph.D., University of Virginia. (2001)

Janet Medina, Assistant Professor of Education, B.A., University of Montana; M.S.E., St. Bonaventure University; M.A., Psy.D., Alfred University. (2000)

Jasna Meyer, Associate Professor of Communication, B.A., Fontbonne College; M.A., Ph.D., University of Missouri-Columbia. (1994)

Shabbir Apollo Mian, Assistant Professor of Physics, B.A., Berea College; Ph.D., Oklahoma State University. (1999)

Debra A. Miller, Associate Professor of Education, B.S., M.Ed., Frostburg State University; Ph.D., University of Maryland. (2000)

John J. Miller, Associate Professor of Computer Science, B.S., University of Notre Dame; M.S., Southern Methodist University; Ph.D., Cornell University. (2001)

Paul B. Miller, Assistant Professor of History, B.A., B.S., Arizona State University; M.A., M.Phil., Ph.D., Yale University. (1998)

Ronald R. Miller, Associate Professor of Communication and Theatre Arts, B.A., Swarthmore College; Ph.D., University of Wisconsin-Madison. (1987)

William Gene Miller, Professor of Psychology, A.B., West Virginia Wesleyan College; M.Div., Wesley Theological Seminary; Ph.D., Boston University. (1962)

Susan Matz Milstein, Professor of Business Administration, B.S., M.Ed., Towson University; M.B.A., Mt. St. Mary's College. (1983)

Ralene R. Mitschler, Assistant Professor of Biology, B.S., M.S., University of Nebraska; Ph.D., Kansas State University. (1997)

Carole J. Molloy, Coach and Lecturer and Head Volleyball Coach, B.A., M.Ed., Western Maryland College. (1993)

Randall Lee Morrison, Associate Professor of Biology, B.S., University of Dayton; M.S., University of Nebraska; Ph.D., University of Kansas. (1998)

Martine Motard-Noar, Professor of French, Certificat de Didactique des Moyens Audio-Visuels, Maîtrise, Université de la Sorbonne; Ph.D., University of Nebraska, Lincoln. (1989)

Charles Edward Neal, Professor of Political Science and International Studies, B.A., Luther College; M.A., Iowa State University; Ph.D., University of Minnesota. (1978)

Gregg S. Nibbelink, Senior Coach/Lecturer and Head Athletic Trainer, B.S., Towson University; M.S., The Ohio State University. (1990)

Alexander George Ober, Professor of Exercise Science and Physical Education, B.A., M.Ed., Western Maryland College; Ph.D., University of Maryland. (1969)

John Lindsay Olsh, Professor of Economics, B.A., Western Maryland College; M.A., Ph.D., University of California, Davis. (1980)

Julia L. Orza, Associate Professor of Education, B.A., Clark University; M.A., Ph.D., The University of Connecticut. (1995)

Catherine Orzolek-Kronner, Assistant Professor of Social Work, B.A., Western Maryland College; M.S.W., University of Maryland; M.A.S., The Johns Hopkins University; Ph.D., The Smith College School for Social Work. (2000)

Vasilis Pagonis, Professor of Physics, B.S., University of Athens, Greece; M.S., Ph.D., Northeastern University. (1986)

Wasył Palijczuk, Professor of Art, B.A., M.A., University of Maryland; M.F.A., The Maryland Institute College of Art. (1967)

LeRoy Lad Panek, Professor of English, B.A., Marietta College; M.A., Lehigh University; Ph.D., Kent State University. (1968)

Louise Anne Paquin, Professor of Biology, B.A., Trinity College; Ph.D., Georgetown University. (1980)

Kenneth Wayne Pool, Professor of Education and Dean of Graduate Affairs, B.S., Carroll College; M.S., University of Wisconsin-Milwaukee; Ed.D., University of Georgia. (1995)

Christina Lynn Prell, Instructor of Communication, B.A., University of Massachusetts; M.S., Rensselaer Polytechnic Institute. (2001)

Robert Patrick Reed, Associate Professor of History, B.A., University of California, San Diego; M.A., Ph.D., Cornell University. (1989)

Daniel K. Rees, Professor of Social Work, B.A., Ohio University; M.S.W., The Ohio State University; Ph.D., The Catholic University of America. (1975)

Pamela Lynne Regis, Professor of English, B.A., M.A., Ph.D., The Johns Hopkins University. (1984)

Henry B. Reiff, Professor of Education and Associate Dean of Academic Affairs, A.B., Princeton University; M.Ed., Ph.D., University of New Orleans. (1989)

Keith Reitenbach, Coach Lecturer and Head Coach of Lacrosse, B.S., Cornell University. (1994)

Douglas Renner, Coach Lecturer and Head Coach of Cross Country/Track and Field, B.A., Western Maryland College. (1998)

Harry Lewis Rosenzweig, Professor of Mathematics, B.S., Massachusetts Institute of Technology; M.S., University of Arizona; Ph.D., University of Virginia. (1971)

Robert William Sapora, Professor of English, B.A., University of Illinois; M.A., Ph.D., University of Connecticut. (1971)

Simeon K. Schlossberg, Assistant Professor of Education, B.A., M.A., Arcadia University; Ph.D., University of Connecticut. (1997)

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Jean Shin, Assistant Professor of Sociology, B.A., University of Virginia; M.A., Ph.D., Indiana University. (1999)

Diana Sue Singer, Professor of Business Administration, B.S., Towson State University; M.B.A., Loyola College; M.S., University of Baltimore. (1983)

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Richard Hilton Smith, Jr., Professor of Chemistry, B.S., Washington College; Ph.D., University of Virginia. (1971)

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College Fellows

Ronald Hamowy, B.A., City College of New York; Ph.D., University of Chicago.

Edward Regis, B.A., Hunter College; M.A., Ph.D., New York University.

Senior Lecturers and Lecturers

Eric Byrd, Lecturer in Music, B.A., Western Maryland College; M.A., Morgan State. (2002)

Joseph L. Carter, Jr., Senior Lecturer in Business Administration and Internship Coordinator, B.A., Western Maryland College; M.B.A., The Johns Hopkins University. (1981)

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William Padian Spence, Senior Lecturer in English and English as a Second Language Tutor, B.A., Western Maryland College; M.A., University of South Carolina. (1988)

Linda Van Hart, Lecturer in Art, B.S., Western Maryland College; M.Ed., Towson University. (1998)

Adjunct Lecturers

Gloria C. Alvarez, Adjunct Lecturer in Foreign Languages, B.A., University of Maryland; M.A., University of Texas at El Paso.

Patricia C. Baltzley, Adjunct Lecturer in Education, B.A., College of Notre Dame of Maryland; M.S., Shippensburg State University.

Katherine Barrett, Adjunct Lecturer in Music, B. Mus., Boston University.

Garth W. Baxter, Adjunct Lecturer in Music, B.A., Pepperdine University; M.A., California State University.

Cherie Black, Adjunct Lecturer in Sociology, B.S., College of Charleston; M.A., University of Tennessee.

April Blackburn, Adjunct Lecturer in Religious Studies, B.A., Dickinson College; M.A., Arizona State University.

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Ricky L. Perry, Adjunct Lecturer in Deaf Education, B.A., Gallaudet University.

Gerald C. Pilachowski, Adjunct Lecturer in Communication.

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Mary Lee Younger Schmall, Laboratory Assistant and Adjunct Lecturer in Biology, B.A., Western Maryland College.

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Catherine Beck Shoup, Adjunct Lecturer in Communication, B.A., Washington College; M.A., M.S., University of California.

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Ila A. Vidyarthi, Adjunct Lecturer in Philosophy.

Margaret Motter Ward, Adjunct Lecturer in Music, B.Mus., Eastman School of Music.

David W. Weigelt, Adjunct Lecturer in Art.

Robin L. Weisse, Adjunct Lecturer in Economics and Business Administration, B.A., The Johns Hopkins University; J.D., Rutgers University School of Law.

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Jacob Zejmis, Adjunct Lecturer in History, B.S., Georgetown University; M.A., Columbia University; M.A., University of Notre Dame, Ph.D., Georgetown University.

Jody Zepp, Adjunct Lecturer in Political Science, B.A., Western Maryland College; M.A., Syracuse University.

Librarians

TBA, Director of Hoover Library.

TBA, Assistant Librarian.

Clement Ho, Assistant Librarian, B.A., M.A., MLIS, University of Alberta. (1998)

Lisa Janzer Mott, Assistant Librarian, B.S., University of North Dakota; M.L.S., University of Arizona. (2000)

Jane Flickinger Sharpe, Associate Librarian, Catalog, B.S., Millersville University; M.L.A., Western Maryland College. (1970)

Visiting Faculty

Emily Brown, Adjunct Lecturer in Chemistry, B.A., Western Maryland College; Ph.D., Michigan State University.

Michele Gribben, Visiting Lecturer in Mathematics, B.A., Western Maryland College; M.S., University of Maryland.

Deborah Johnson-Ross, Visiting Instructor of Political Science, A.B., Wofford College; M.S., Florida Institute of Technology; M.A., University of South Carolina.

Margaret Trader, Visiting Associate Professor in Education, B.A., M.Ed., Western Maryland College; Ph.D., University of Maryland.

Bryn Upton, Jessie Ball duPont Visiting Scholar, A.B., Bowdoin College; M.A., Brandeis University. (2002)

The Budapest (Hungary) Campus

ADMINISTRATION

László V. Frenyó, Dean of the Faculty of the Budapest campus, DVM., Szent-István University, Budapest; Ph.D., Hungarian Academy of Science. (2000)

Gábor Zoltán Drexler, Director of Administrative Affairs, M.A., Eötvös Loránd University of Arts and Sciences; M.A., School of Political Science, Budapest. (1994)

FACULTY

László Arató, Fine Arts, M.A., Eötvös Loránd University of Liberal Arts and Sciences. (1995)

Tamás Bácskai, Professor of Economics, J.D., Eötvös Loránd University of Liberal Arts and Sciences; Ph.D., Hungarian Academy of Sciences. (1995)

Ottília Boross, Assistant Professor of Psychology, M.A., Eötvös Loránd University of Liberal Arts and Sciences. (2000)

John Ernest Creighton Collins, Business Administration, M.Sc.Ed., Christ Church, University of Oxford; certificate in Financial Administration and Accounting; British Professional Examinations in Law. (1995)

Zsuzsa Deli, Business Administration, M.S., University of Economics, Budapest. (1999)

Erika Fallier, Hungarian, B.A., Eötvös Loránd University of Liberal Arts and Science. (2000)

András Farkas, Statistics, M.Sc., Technical University, Budapest; Ph.D., Budapest University of Technology and Economics. (2001)

László V. Frenyó, Professor of Immunophysiology, DVM., Szent-István University, Budapest; Ph.D., Hungarian Academy of Science. (2000)

Balázs József Gellér, Associate Professor of Law, M.A., Eötvös Loránd University of Arts and Sciences, Budapest; Ph.D., University of Cambridge, UK. (2000)

Alexandra Djajic Horvath, English, B.A., University of Sarajevo, Bosnia. (2000)

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László Horvath, Assistant Professor of Economics, M.S., Budapest University of Economics. (1998)

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Jay Miller, Communication, B.A., City University of New York. (1998)

Michael Walter Mitchell, English, B.A., University of California, Irvine; M.Ed., University of California, Los Angeles. (1997)

Katalin Pallai, Art History, M.S., Technical University, Budapest; M.A., Eötvös Loránd University of Liberal Arts and Sciences. (1996)

László Sándor Pintér, History, Diploma, Sverdlovsk Law School, USSR; M.A., Harvard University; J.D., Eötvös Loránd University of Liberal Arts and Sciences, Budapest; Ph.D., Hungarian Academy of Sciences. (1994)

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Hungarian Academy of Sciences. (1994)

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Ph.D., Hungarian Academy of Science. (1994)

Zsolt Viczián, Information Processing, M.A.,
Technical University of Budapest. (2000)

Endowed Scholarships and Loans

The following endowed scholarships are designed to provide financial assistance for students enrolled at Western Maryland. Full information is available from the Financial Aid Office.

The Alumni Classes Memorial

Scholarship Fund: Established in 1998 to receive gifts from members of the Honor Classes in memory of classmates. This fund will provide scholarship support for worthy students at Western Maryland College based on need.

The Dr. George Stansbury Baker

Memorial Scholarship Fund: Established in 2000 in honor of Dr. George Stansbury Baker, Class of 1927, by Charles D. and Turner Baker Broll. The scholarship is awarded annually to deserving students, either sophomores, juniors, or seniors majoring in the sciences who demonstrate academic distinction and financial need. Preference may be given to those who wish to pursue a career in medicine or a related field.

The Richard J. Baker and Jean L.

Baker Scholarship Fund: Established in 1997 by Richard and Jean Lamoreau Baker, both members of the Class of 1942. It is awarded to an undergraduate student who is a U.S. citizen, who graduates in the top 10% of his/her high school class, who exhibits an interest in business studies, and who has financial need.

The William G. Baker, Jr. Scholarship

Fund: Established as a memorial to Mr. William G. Baker, Jr., a devoted trustee of the College.

The Ballard-McDonald Treasure

Seekers Scholarship Fund: Established in 1987 by Virginia Sweeney Ballard, Class of 1942, Worthy Grand Matron, and Robert D. McDonald, Worthy Grand Patron 1986–87, of the Grand Chapter of Maryland Order of the Eastern Star, as the Grand Matron's special project in Education of the Deaf. The scholar-

ship is awarded annually to a student or students in the Education of the Deaf Program, based on a high level of scholarship and skill.

The Barnes Scholarship Fund:

Established in 1981 through the bequest of Vivian Englar Barnes, Class of 1921, to provide scholarships for students to learn how to teach the deaf.

The Albert Neumann Barrenger '45 Scholarship Fund:

Established in 2000 through the bequest of Albert Neumann Barrenger, Class of 1945, this scholarship is awarded annually to a student based on financial need.

The Paul L. Bates Memorial

Scholarship Fund: Established in 1999 in memory of Colonel Paul L. Bates, Class of 1931 and an All-American football player at the College, who commanded the first all African-American combat tank battalion in Northern Europe during World War II, a unit recognized by the President of the United States for extreme gallantry in action. This scholarship, established as a tribute to the brave men who fought under his command, provides awards for lineal descendants of members of the 761st Tank Battalion who served with the unit from August 1944 through April 1945. Recipients must possess and maintain a 2.0 GPA and demonstrate financial need. In the event that no lineal descendants are eligible, the scholarship is awarded annually to a student who has a 2.0 GPA or better, demonstrates financial need, and excels in extracurricular activities.

The D. Robert '43 and Edna Haller '46 Beglin Scholarship Fund:

Established in 2001 by D. Robert and Edna Haller Beglin in celebration of their love for and dedication to their alma mater. The scholarship is awarded to a deserving sophomore, junior, or senior majoring in music or economics and demonstrating academic distinction.

The Wilmer V. and Alice H. Bell

Memorial Scholarship Fund: Established in memory of Wilmer V. Bell, Class of 1930, former Alumni Association president, winner of the Alumnus of the Year Award in 1970, and outstanding educator in the Baltimore area.

The Clarence H. and Dorothy Gilligan Bennett Memorial Scholarship Fund:

Established in 1984 in memory of Clarence H. Bennett, Class of 1928, past president of the Alumni Association and long-time, devoted trustee of Western Maryland College. This scholarship is to provide financial aid for outstanding, academically qualified students in the humanities.

The Dennis F. '45 and Margaret Fredrich '45 Blizzard Memorial Scholarship Fund:

Established in 2001 by friends and family of Dennis F. and Margaret Fredrich Blizzard. It will provide at least one but no more than three scholarships for a junior or senior majoring in art or art history.

The Doris Kemp Boone '46 Endowed Scholarship Fund:

Established in 2001 by Doris Kemp Boone in recognition of her devotion to Western Maryland College and her appreciation for higher education. It is awarded annually to a sophomore, junior, or senior majoring in biology or exercise science and physical education.

The Margaret A. Bowers Scholarship Fund:

Established in 1980 in memory of Margaret Anne Bowers, Class of 1926, to assist deserving women students.

The Bessie C. Branin Music

Scholarship Fund: Established in 1982 through the bequest of Bessie C. Branin, Class of 1924, for scholarship aid to a music major.

The Arthur G. "Otts" Broll Endowed Scholarship Fund:

Established in 1992 in honor of Arthur G. Broll, Class of 1929 and Trustee Emeritus, on the occasion of his induction into the Western Maryland College Sports Hall of Fame by his sons, Arthur Jr., Charles, and William, to honor their father's lifetime service and loyalty to the College. This scholarship is awarded annually to deserving students

who have achieved or shown potential in both academics and in extracurricular activities, and who have demonstrated financial need.

The George E. Brown Family

Memorial Scholarship Fund: Established in 1995 by Mary Brown Bryson, Class of 1935, and Brady O. Bryson, Class of 1935, in honor of George E. Brown and his four children, Maud, Edwin, Sheldon and Mary, all of whom were students at Western Maryland College.

The Peter H. Büttner Memorial

Scholarship Fund: Established in 1999 by the family of Mary and Ernest Moritz to honor the memory of Professor Peter H. Büttner. The scholarship is awarded to a deserving sophomore, junior, or senior who is majoring in a foreign language, with preference given to an international student.

The Franklin L. Byers and Louise C. Byers Memorial Scholarship Fund:

Established in 1984 through the bequest of Louise C. Byers, because of the family's long-time interest in Western Maryland College, to provide scholarships for students demonstrating excellent scholarship.

The Virginia Calloway Scholarship

Fund: Established in 2002 through the bequest of Virginia Calloway Hand, Class of 1938.

The William W. Chase Scholarship

Fund: Established by the late William W. Chase, M.D., Class of 1923.

The Class of 1932 Scholarship Fund:

Established in 1988 as a memorial to the members of the Class of 1932. It provides scholarships to students who demonstrate a true interest in academic pursuits; participation in community service activities will be considered as a positive factor in favor of an applicant.

The Class of 1939 Extra Mile

Scholarship Fund: Established in 1994 by the Class of 1939 in honor of their 55th reunion.

The Class of 1962 Scholarship Fund:

Established in 1987 on the occasion of their 25th reunion as a memorial to the members of the Class of 1962 to provide scholarships to students who demonstrate a true interest in academic pursuits.

The Class of 1963 Scholarship Fund:

Established in 1988 on the occasion of their 25th reunion as a memorial to the members of the Class of 1963 to provide scholarships to students who demonstrate a true interest in academic pursuits.

The Katharine H. Clower Memorial Scholarship Fund:

Established in 1988 by Dr. Richard A. Clower, Class of 1950, in memory of and in tribute to his beloved wife Kay, M.Ed. Class of 1973.

The James F. and Hazel Gompf

Coleman Scholarship Fund: Established in 1984 by the children of James F., Class of 1938, and Hazel Gompf Coleman, Class of 1938, in memory of their parents. It is awarded annually to a returning student (sophomore, junior, or senior) from the Eastern Shore with at least a B average.

The Samuel '36 and Elizabeth Rankin '41 Corbin Endowed Scholarship Fund:

Established in 1997. It is awarded annually to a full-time undergraduate student who demonstrates financial need and whose chosen field of study is biology.

The Laura Panebaker Darby

Scholarship Fund: Established in 1991 through the bequest of Laura Panebaker Darby, Class of 1919. This scholarship is awarded annually to Carroll or Frederick County students.

The Hugh '69 and Kathy Dawkins

Scholarship Fund: Established in 1989 by Hugh '69 and Kathy Dawkins. This fund is to provide scholarships to students who demonstrate a true interest in academic pursuits and involvement in student organization leadership.

The Julie Ann Dawson Memorial

Scholarship Fund: Established in 1990 by Chet and Julia Dawson in memory of their daughter, Julie Ann Dawson, Class of 1973. This scholarship is awarded annually to a student who demonstrates financial need, with preference given to a student majoring in the arts.

The John DeMey '62 Memorial

Scholarship Fund: Established in 2001 by W. Anthony "Tony" '61 and Rhea '61 Wiles in memory of John DeMey '62 and other graduates of the College who gave their lives in service to our country. It is awarded annually with preference given to students involved in extracurricular activities and who contribute to the College community.

The Lillian Frey Dexter Class of 1934 and Edward B. Dexter Scholarship Fund:

Established in 2000 by Lillian Frey Dexter, Class of 1934, and her husband, Edward B. Dexter. Mrs. Dexter, a dedicated teacher and supervisor, served WMC as her class secretary for over 65 years. Mr. Dexter, her husband, also served his community as an educator and administrator. The scholarship is awarded annually to a sophomore, junior, or senior showing academic achievement and majoring in English, a foreign language, or history with preference given to a student planning to teach.

The William and Winifred Dulany Scholarship Fund:

Established in 1997 by William B. Dulany, Class of 1950, and Winifred Spencer Dulany, Class of 1953, this scholarship is awarded based on scholastic achievements and with consideration of applicants who are studying piano and voice.

The Lowell R. Duren Mathematics

Scholarship Fund: Established in 1983 by the mathematics and computer science department in memory of Lowell R. Duren, a loyal and respected friend and former chairman of the mathematics department, especially remembered for his outstanding teaching. This scholarship is awarded annually to the freshman or sophomore mathematics major who earns the highest score on the Lowell Duren Mathematical Competition.

The Dorothy Elderdice International Student Scholarship Fund: Established in 1979 by the friends of Dorothy Elderdice, Class of 1911, in recognition of her long devotion to the College and to her loving interest in the many foreign students who attended Western Maryland College. The scholarship is awarded annually to a worthy student from a foreign country.

The Lloyd M. '33 and Ruth G. '34 Elderdice Memorial Scholarship Fund: Established in 1991 in loving memory of Ruth G. Elderdice and amended in 1999 by their daughter Betty to include Lloyd M. Elderdice. The scholarship is awarded to assist worthy students in completing their educations.

The Ellin Scholars Fund: Established in 1999 these scholarships will be awarded to talented minority students and WMC-Budapest Program students who will enrich the cultural and academic life of the campus.

The Dr. Homer O. and Laura Breeden Elseroad Scholarship Fund: Established in 1999 in loving memory of Laura Breeden Elseroad, Class of 1940, by her husband, Homer O. Elseroad, Class of 1940, in recognition of Laurie's lifelong service to her community and alma mater. The scholarship is awarded to a deserving junior or senior majoring in education.

The Joseph Englar Scholarship Fund: Established through the bequest of Joseph Englar, a trustee of the College from 1897 until his death in 1924.

The Charles "Rip" and Mary Broughton Engle Scholarship Fund: This fund was begun in 1974 as an annuity to assist a worthy student in attending Western Maryland. Both Charles and Mary Engle are of the Class of 1930.

The Eloise B. and Lowell S. Ensor Scholarship Fund: Established in 1972 at the time of Dr. Ensor's retirement as fifth president of the College by the faculty, friends, students, and alumni of Western Maryland College to honor Dr. and Mrs. Lowell S. Ensor for their 25 years of dedicated service. It is awarded to the student(s) who most

appropriately demonstrate the dedication to the College that Dr. and Mrs. Ensor did during their years on the Hill.

The Dr. James D. Essig Memorial Scholarship Fund: Established in 1985 in memory of Dr. James D. Essig, history professor at Western Maryland College at the time of his death, by his family, friends, colleagues, and students as a living memorial to an outstanding scholar and teacher. The scholarship is awarded annually to a history major with at least a B average demonstrating high personal and academic integrity.

The Dr. Page Etchison/Dr. Willis Morse Memorial Scholarship Fund: Established by the Organized Bible Class Association of Washington, D.C., in memory of Dr. Page McKendree Etchison and Dr. Willis B. Morse.

The Jerome H. '56 and Rheda Fader Scholarship Fund: Established in 1998, the scholarship is awarded to a junior or senior economics and/or business administration major who demonstrates academic excellence.

The Charles and Mary Falkenstein Memorial Scholarship Fund: Established in 1989 by Ruth A. Falkenstein as a memorial to her parents.

The William A. '48 and Esther "Bonnie" Gutbub '49 Finck Scholarship Fund: Established in 1999 in loving memory of William Albert Finck, Class of 1948, and in honor of Bonnie Finck, Class of 1949. This scholarship is awarded on an annual or biennial basis to a deserving sophomore, junior, or senior who demonstrates academic distinction, and who is majoring in either education or the sciences.

The Gaither Lee Fischbach, Jr. Memorial Scholarship Fund: Established by the friends and fellow students of Gaither Lee Fischbach, Jr., who died during his freshman year at Western Maryland College. This scholarship assists a student to prepare for the Christian ministry.

The Richard C. Flavin, Jr. Memorial Scholarship Fund: Established in 1981 by the friends and family of Richard C. Flavin, Jr., Class of 1950, an active member of the Board of Governors of the Alumni Association at the time of his passing.

The Benjamin E. Fleagle Memorial Scholarship Fund: Established by Rena F. Kennedy in 1975 in recognition of her brother, an alumnus of the Class of 1904.

The Benjamin E. Fleagle and Rena F. Kennedy Scholarship Fund: Established in 1991 through the bequest of Rena F. Kennedy, Class of 1909.

The Charles '32 and Lois Forlines Scholarship Fund: Established in 1988 as a tribute to Charles and Lois Forlines, two people devoted to Western Maryland College. In addition to demonstrated need, the recipient must have and maintain at least a 2.5 GPA, and be of exemplary moral character.

The Arthur Pue and Amanda Clark Forsyth Memorial Scholarship Fund: Established by M. J. Grove in memory of the parents of his mother, a member of the Class of 1897.

The Sterling F. "Sheriff" and Virginia Karow Fowble Memorial Scholarship Fund: Established in 1993 to honor the lives of Sterling F. "Sheriff" Fowble, Class of 1936, and Virginia Karow Fowble, Class of 1939. This fund recognizes and celebrates their devotion to young people in Baltimore and their love for the game of baseball. This scholarship is awarded annually to a returning student with preference for an outstanding student who has a demonstrated history of participation in extracurricular activities while at WMC.

The Dr. Grace E. Fox Scholarship Fund: Established in 1984 through the bequest of Grace E. Fox. This scholarship, administered by Western Maryland College, is awarded to high school graduates in the electoral district of Uniontown.

The Sidney M. Friedberg Scholarship Fund: Established in 1983 by Sidney M.

Friedberg, chairman of Fair Lanes, Doctor of Humane Letters, 1983. The scholarship is awarded to students demonstrating great potential for success in their chosen fields.

The Eleanor B. Gaither Memorial Scholarship Fund: Established through the bequest of Mr. and Mrs. James H. Gaither in memory of their daughter, a member of the Class of 1940.

The Arnold W. Garrett Memorial Scholarship Fund: Established in 1980 by his friends and family in memory of Arnold W. Garrett, Class of 1949.

The Idamae T. Riley Garrott Scholarship Fund: Established in 2000 by Idamae Garrott Achievement Awards, Inc. to honor the life of Idamae T. Riley Garrott, summa cum laude graduate of the Class of 1936, lifetime advocate for citizen's rights and consummate Montgomery County (MD) legislator. This scholarship will be made annually to a Maryland resident who is a freshman, sophomore, or junior majoring in political science or history. It was Senator Garrott's wish that preference be given to a student who is interested in working on good land use planning and/or environmental issues at the local and state government levels.

The Madeleine W. Geiman Scholarship Fund: Established in 1987 through the bequest of Madeleine W. Geiman, Class of 1922, to provide scholarship aid.

The Mae Rowe Geist Endowed Scholarship Fund: Established in 1992 through the bequest of Mae Rowe Geist, Class of 1923, to provide scholarship aid.

The Hering Leister Giggard Educational Fund: Established by Gertrude Giggard, in recognition of her brother, to provide scholarships to the handicapped not otherwise able to obtain a college education.

The Ken '61 and Joanne '62 Gill Scholarship Fund: Established in 2000 through a gift of Ken and Joanne Gill, this scholarship will be awarded to a student who excels in extracurricular activities.

The L. Carleton Gooden Scholarship

Fund: Established in 2000 through the bequest of L. Carleton Gooden, Class of 1940, the scholarship is awarded annually to student(s) who have graduated from the public school systems of Caroline, Talbot, Queen Anne's, Kent or Dorchester Counties of Maryland.

The William P. Grace Memorial

Scholarship Fund: Established in 1985 by the family of Col. William P. Grace, Class of 1927, to honor an ROTC Junior Cadet not on an Army scholarship. The scholarship is credited to the Cadet's senior year.

The Reverend Frank W. Grippin

Memorial Scholarship Fund: Established in 1981 in memory of The Reverend Frank W. Grippin, Class of 1926, by his wife.

The Norman M. and Eleanor H. Gross

Scholarship Fund: Established in 2001 through the bequest of Norman M. Gross. It is awarded to students of high scholastic standing.

The Anna Forsyth Grove Memorial

Scholarship Fund: Established by M. J. Grove in memory of his mother, a member of the Class of 1897.

The Stephen Haje Memorial

Scholarship Fund: Established in 1985 in memory of Stephen Haje, Class of 1974, by his parents as a tribute to their beloved son. The scholarship is awarded annually to students majoring in art.

The William L. Hawkins, Jr. '48 and Louise Sapp "Sunny" Hawkins '49

Scholarship Fund: Established in 2001 in honor of their parents by their children and families. The scholarship is awarded to a deserving female sophomore, junior, or senior who demonstrates academic distinction.

The William Randolph Hearst

Endowed Scholarship Fund: Established in 2001 by the William Randolph Hearst Foundation, one of the nation's largest private foundations. This fund will provide annual scholarships to students of diverse backgrounds.

The Mark Helfrich Scholarship Fund:

Established by the friends and family of Mark J. Helfrich, Class of 1980, who died in 1979 while a student at Western Maryland. The scholarship is awarded annually to a student majoring in art.

The James R. Hendon Memorial

Scholarship Fund: Established by the friends and family of James R. Hendon, Class of 1981, who died in 1978 while a student at Western Maryland. Because he was involved in music and varsity wrestling, preference will be given to a person involved in one or both of these activities.

The Dorothy McDaniel Herr Memorial

Scholarship Fund: Established in memory of Mrs. Herr, an alumna of the Class of 1918 and long-time trustee of the College.

The Jim Hindman Scholarship Fund:

Established in 1989 in honor of W. James Hindman, former football coach, by members of his football teams, family, and friends.

The Hines Scholarship Fund:

Established by George Millard Hines, Class of 1925, in memory of his mother, Class of 1897, and other members of his family who attended Western Maryland College.

The Ralph G. Hoffman Scholarship

Fund: Established in 1987 upon his retirement as director and chairman of the Carroll County Bank and Trust Company Board of Directors by the officers and directors of the bank, his family, and friends. The scholarship honors Ralph G. Hoffman, lifelong resident of Westminster; outstanding member of the Bar; and emeritus member of the Board of Trustees, Western Maryland College. It is awarded each year to a Carroll County student majoring in economics or business administration with an outstanding academic record.

The Abbie White Holland Memorial

Scholarship Fund: Established in 1981 by the family of Sarah "Abbie" White Holland, a member of the Class of 1902. The scholarship is awarded annually to a member of the senior class.

The Samuel and Elsie Hoover

Scholarship Fund: Established in 1994 by Dr. Samuel H. Hoover and Elsie Wright Hoover. This scholarship is awarded annually with preference to students who demonstrate a commitment to higher education, scholastic aptitude in their chosen field of study, and genuine need.

The Gerald W. Hopple Memorial

Scholarship Fund: Established in 1991 by family, friends and classmates of Gerald W. Hopple, Class of 1971. This scholarship is awarded to a student who best exemplifies Jerry's love for the college and his dedication to work, country, and academic discipline. The recipient must be an upperclassman majoring in political science who maintains a minimum 3.0 GPA.

The Henry P. and Gretchen Stein

Hornung Scholarship Fund: Established in 2001 by Henry P. Hornung in memory of his wife, Gretchen, and in celebration of their mutual interest in elementary education. It is awarded annually to a sophomore, junior, or senior who has elected to complete a minor in education with preference given to a student preparing to become an elementary school teacher.

The David Huddle '52 Memorial

Scholarship Fund: Established in 1989 in memory of David Huddle, Class of 1952, by his wife, Mary, and endowed in 1995, this scholarship is awarded to a returning sophomore, junior, or senior of high integrity, academic distinction and proven participation in extracurricular activities. Preference will be given to students from Virginia or Maryland demonstrating financial need.

The Paul S. and Carrie E. Hyde

Memorial Scholarship Fund: Established in 1997 through the bequest from Paul S. Hyde, Class of 1937, this scholarship is awarded to a first-year student from the Wicomico County region of Maryland who is selected by the Superintendent of Education of Wicomico County Schools.

The Dr. Alvey Michael Isanogle

Memorial Scholarship Fund: Established in 1952 as a memorial to Dr. Isanogle, who joined the WMC faculty in 1920 and for most of his career served as dean of the School of Education. It provides scholarships to students who demonstrate a true interest in academic pursuits.

The Philip J. and Doris L. Jenkins

Scholarship Fund: Established by Mr. and Mrs. Jenkins in 1974.

The Virginia Hastings Johns Class of 1927 Scholarship Fund:

Established in 1993 through the bequest of Virginia Hastings Johns, Class of 1927, to assist worthy students with the cost of tuition, room and board.

The Dorothy Reed Johnson Memorial

Fund: Established in 1989 through the bequest of Dorothy Reed Johnson, Class of 1929.

The Florence Johnson Memorial

Scholarship Fund: Established by Mrs. George S. Johnson of the Class of 1921. The income is used annually to provide assistance to a student preparing for full-time Christian service in music.

The Harry C. Jones Scholarship Fund:

Established through the bequest of Professor Harry C. Jones. It is awarded to two juniors or rising seniors, one in the chemistry department and one in the physics department.

The Dr. John Bayley Jones Scholarship

Fund: Established in 1985 by the Frostburg United Methodist Church and his many friends and colleagues in honor of the 50th year of Dr. Jones' ordination. It is awarded annually to a junior or senior majoring in sociology and/or religious studies who, through scholarship, personal integrity, and a desire to make the world a more humane place, most effectively embodies the Christian life and thought of John Bayley Jones, a United Methodist clergy; director of public relations and instructor in sociology at Western Maryland College, 1944–49; and long-time trustee of the College. Preference will be given to students from Frostburg or the western Maryland area.

The June Beaver Jordan Endowed

Scholarship Fund: Established in 1999 by her husband Howard G. Jordan, Class of 1954, the scholarship is awarded annually to a sophomore, junior, or senior majoring in mathematics or English.

The D. M. Keel Scholarship Fund:

Established in 1999 by Dorothy M. Keel, Class of 1935, the scholarship is awarded annually to a sophomore, junior, or senior.

The Myra Goodling Keigler Memorial

Scholarship Fund: Established in 1996 in memory of Myra Keigler, beloved wife, mother, grandmother and friend, by William S. Keigler, Chairman of the Board Emeritus, and her family and friends. This scholarship is awarded annually on the basis of financial need with preference given to a female student majoring in the sciences or psychology who wishes to pursue a career in health services.

The Drs. Kerschner, Royer, and Sturdivant Endowed Scholarship

Fund: Established in 1988 by the former students, friends, and colleagues of three premier Western Maryland College professors who spent their careers educating students in the finest tradition of the liberal arts. This scholarship is awarded each year to a student or students majoring in biology, who has at least a 3.0 GPA, and is a returning student.

The Richard C. and Catherine S. '46

Kiddoo Scholarship Fund: Established in 2000 by trustee emerita Catherine S. Kiddoo, Class of 1946, the scholarship is awarded annually to a sophomore, junior, or senior majoring in biology or the sciences.

The Richard W. '34 and Susannah Cockey '33 Kiefer Scholarship Fund:

Established in 2000 by Richard W. and Susannah Cockey Kiefer in celebration of their many years of service and devotion to their alma mater and the community at large. The scholarship is awarded annually to a deserving sophomore, junior, or senior majoring in political science or French who demonstrates academic distinction and financial need. Preference may be given to those who wish to pursue a career in law or teaching.

The Emma Bowen Kistler Scholarship

Fund: Established in memory of Emma Bowen Kistler, Class of 1897, by her sister.

The Leon F. Lamb Memorial

Scholarship Fund: Established by the friends of Mr. Lamb as a tribute to friendship and to assist a worthy student in completing an education.

The Hilda C. Landers Scholarship

Fund: Established in 1999 through the bequest of Hilda C. Landers, this scholarship is awarded based on academic distinction.

The Jeanine Lave Memorial

Scholarship Fund: Established in memory of Miss Lave who was a junior at the College at the time of her death in 1974. The scholarship is awarded annually to a student majoring in art.

The Lee Scholarship Fund: Established through the bequest of Miss Grace Lee.

The Eva L. Lewis Memorial

Scholarship Fund: Established through the bequest of Dr. E. Ralph Lewis and awarded to a pre-ministerial student for the junior and senior years. The award is made by the College on the basis of academic ability and qualification for the Christian ministry.

The Dr. Annabel Glockler Liebelt '48

Scholarship Fund: Established in 1988 upon the 40th reunion of Dr. Liebelt, to provide scholarships to students majoring in biology.

The James Lord, Jr. and Ruby K. Lord

Scholarship Fund: Established in 2001 through the bequest of Ruby K. Lord. The scholarship is awarded to a deserving non-traditional student.

The D. Carlyle MacLea '22 Memorial

Scholarship Fund: Established in 1988 by The Board of Beneficence of St. John's I.M.P. Church, family, and friends as a memorial and celebration of the life of D. Carlyle MacLea, Class of 1922 and a member of Western Maryland's Board of Trustees, and his total commitment to education and service to others. The scholarship is awarded to deserving students who are involved in on- and/or off-campus organizations, demonstrate moral character, and contribute to the College community.

The Frederick Malkus Scholarship

Fund: Established in 2000 by loving family and friends, the scholarship is awarded annually to a sophomore, junior, or senior majoring in history or political science from one of the following Maryland counties: Caroline, Dorchester, Somerset, Talbot, Wicomico or Worcester. Preference will be given to a student from Senator Malkus' home county of Dorchester.

The Frank C. Marino Scholarship

Fund: Under the provisions of this contribution, \$250.00 is available annually to give scholarship aid to needy and deserving students.

The Kendrick M. '51 and Elizabeth Muth '54 McCall Scholarship Fund:

Established in 2000 by Elizabeth McCall in loving memory and in celebration of the life of Kendrick McCall, who devoted his career to improving public education as a teacher, consultant, and administrator. The scholarship is awarded to a deserving sophomore, junior, or senior who is majoring in education or the sciences and who demonstrates academic distinction.

The Anna Kenney Walls McCool

Scholarship Fund: Established in 1988 on the occasion of her 50th class reunion. This scholarship serves as a tribute to Ann McCool, a devoted teacher and honorary trustee of Western Maryland College. The recipient must have and maintain at least a 2.5 GPA and be of exemplary moral character. Preference will be given to a student from Sussex County, Delaware, followed by a resident of the Eastern Shore of Maryland.

The William McCormick, Jr. Memorial Scholarship Fund:

Established by family, friends, colleagues, and former students of Dr. William McCormick, Jr., dean of academic affairs from 1973 until his death in 1983. It is awarded annually to a returning student who represents the qualities for which Dean McCormick is remembered: concern and love for the College community, caring for others in a humane manner, and high personal and academic integrity.

The John P. McGlaughlin Memorial Scholarship Fund:

Established in 1988 by Pete McGlaughlin, Class of 1970, in memory of his father, Class of 1941. Preference is given to those students who are spirited and whose academic and human potential would benefit from wise and sensitive support and counsel as they seek direction to their lives, and to those who enjoy and participate in extracurricular activities.

The Gerald F. Minnaugh Scholarship Fund for Future Teachers:

Established in 1998 by Richard G. Kief in memory of his uncle, Gerald F. Minnaugh. This scholarship is awarded to students in good academic standing who are preparing to become teachers, with preference for students from the Maryland or Pennsylvania area.

The Veronica Kompanek '40 and Alvan N. '38 Moore Scholarship Fund:

Established in 1999, the scholarship is awarded annually to a deserving sophomore, junior, or senior.

The Mund Scholarship Fund: Established in 1969 by Allan W. Mund as a celebration of his life and total commitment to education and service to others. This loyal member of the Western Maryland College community is a distinguished businessman, dedicated church member, devoted family man, and trustee of the College, who gave of his time to serve as acting president of the College in 1970. This scholarship is awarded to a deserving junior or senior, not necessarily based on financial need. The student must have earned at least a 3.0 GPA. Major factors in the selection will be the student's involvement in on- and/or off-campus organizations, moral character, and contribution to the college community.

The Beverly Schott Myers '60 and Jonathan P. Myers '61 Scholarship Fund:

Established in 2000 in honor of their reunions by Beverly Schott Myers '60 and Jonathan P. Myers '61. The scholarship is awarded annually to a sophomore, junior, or senior majoring in sociology or biology who demonstrates academic distinction.

The Dorothy "Dot" Myers Endowed

Scholarship Fund: Established in 1994 in memory of Dot Myers, long-time secretary for the art and art history, music, and theatre arts departments, by her husband, Charles E. Myers, and by her family and friends. This scholarship, in honor of Dot's many years of service as an employee as well as recognition of her accomplishments as a student, is awarded annually to a student majoring in music, theatre or art with preference given to a non-traditional student who has demonstrated financial need.

The Sylvia Friedberg Nachlas

Memorial Scholarship Fund: Established in 1995, it is awarded annually to a minority, graduate student in the Community-Based Human Service Management program of the College (affiliated with TARGET, Inc.).

The Elsie Held Naclerio and Thomas A. Naclerio Scholarship Fund:

Established in 1985 by Elsie Held Naclerio, Class of 1928, and Thomas A. Naclerio. The scholarship is awarded annually to a worthy student majoring in the humanities.

The Charlotte W. Newcombe Foundation Endowed Scholarship Fund:

Established in 1999 by the Charlotte W. Newcombe Foundation, this scholarship is awarded to handicapped students.

The Nichols Scholarship Fund:

Established by Mrs. Laura Wilson Nichols as a memorial to her husband, The Rev. James L. Nichols, Class of 1925, and a former pastor of the Westminster Methodist Protestant Church. The fund has been augmented by their children to include a memorial to the sons, James H. Nichols, Class of 1927, and John Wilson Nichols, Class of 1948. The scholarship is used to assist a worthy student to prepare for a full-time career in Christian service.

The R. Y. Nicholson Scholarship Fund:

Established by Mrs. Altie B. Nicholson in memory of her husband, The Rev. Dr. Reuben Y. Nicholson, a trustee of the College from 1929 to 1947.

The Nicodemus Scholarship Fund:

Established in 1993 through the bequest of

John V. Nicodemus, Class of 1903, in memory of his father and mother.

The Opportunity Scholarship Fund:

Established in 1988 and endowed in 1995 by an anonymous donor. The scholarship is awarded to minority students with academic promise and financial need.

The Sandra Lynne Parise Memorial Scholarship Fund:

Established in 1995 in loving memory of Sandra Lynne "Sandy" Parise by her aunt, Beverley J. Hill, Class of 1960, and supported through periodic gifts. The award is given annually to a non-traditional female student to further her dream of pursuing an education while nurturing a family. Preference is for a student who has demonstrated the qualities for which Sandy is remembered: intellectual curiosity, Christian values, and an unselfish commitment to others.

The Eloise Chipman Payne Scholarship Fund:

Established in 1986 by John R. and Eloise Chipman Payne, Class of 1938. The scholarship is awarded to student(s) for their junior and senior years. The recipient(s) must be academically deserving student(s) who are active in on- or off-campus college-related organizations or activities, be of high moral character, and have contributed the most to the College community.

The Austin E. Penn Endowed

Scholarship Fund: Established in 1995 by Austin E. Penn, Trustee Emeritus and former Chair of the Board of the Baltimore Gas and Electric Company, it is awarded annually to one or more students in their junior or senior year who are majoring in mathematics.

The Duane L. and Clementine Lewis Peterson Memorial Scholarship Fund:

Endowed in 1997 through the bequest of Clementine L. Peterson, long-time trustee of Western Maryland College, it is awarded annually to a worthy student based on need.

The Helen E. Porter Scholarship Fund:

Established in 1983 by the will of Helen E. Porter, Class of 1917. It is awarded annually to students from Wicomico County.

The Wilbur D. Preston, Jr. Scholarship

Fund: Established in 2000 by Trustee Emeritus Wilbur D. "Woody" Preston, Jr. The scholarship is awarded annually to a sophomore, junior, or senior.

The Ralph B. Price Scholarship Fund:

Established in 1987 by Dr. Price's former students to honor him because they have said "his valuable contributions are intricately woven into the fabric of our lives." The recipient will be chosen based on his/her academic performance in department courses as well as overall academic achievement. The recipient must also demonstrate the characteristics for which Dr. Price is most remembered: intellectual curiosity, humane manner, love of the College community, and caring for others.

The Queen Anne County Scholarship Fund:

Established in 1975 by Julia Thomas Burleigh for residents of Queen Anne County, Maryland.

The Lewis C. Radford Memorial

Scholarship Fund: Established in memory of Dr. Lewis C. Radford, Class of 1916, by his friends, family, and classmates.

The Martha Harrison Ramsey

Scholarship Fund: Established in 1983 in memory of Martha Harrison Ramsey, Class of 1934, by her family and friends. It is awarded to a student who plans to teach in the performing arts. Preference will go to students from Baltimore County, Md., and southwest Virginia.

The William C. and Isabel D. Rein

Scholarship Fund: Established in 1998 in memory of William C. Rein, Class of 1931, and in honor of the 90th birthday of Isabel D. Rein, Class of 1931. The scholarship is awarded to a junior or senior who is majoring in English with preference for a student interested in journalism.

The Charles Reisenweber Memorial

Scholarship Fund: Established in 1995 through a bequest and gifts from family and friends, it is awarded annually to a junior or senior art major. Preference is given to students participating in athletics.

The Alleck A. '47 and Harriet S.

Resnick Scholarship Fund: Established in 1999 by Elaine and Alvin Mintzes to honor Alleck A. Resnick's years of dedicated service to his alma mater and in the Baltimore Jewish Community. The scholarship is awarded to a sophomore, junior, or senior majoring in political science or international relations.

The L. Kennard "Dusty" '34 and Mary Frey Rhodes, Jr. Scholarship Fund:

Established in 1999 through the bequest of L. Kennard Rhodes, Class of 1934. The scholarship is awarded to a sophomore, junior, or senior majoring in education.

The Ridgeway-Knott Scholarship

Fund: Established in 1978 by Ethel Grace Ridgeway for a deserving pre-ministerial student in consideration of the wishes of her nephew, Clarence Knott.

The Ruth B. Rosenberg Scholarship

Fund: Established in 1992 in memory of Ruth B. Rosenberg in recognition of her long-time interest in improving the access of qualified students to higher education.

The Lois Rowland Memorial

Scholarship Fund: Established in 2000 through the bequest of Lois Rowland, Class of 1939. The scholarship will be awarded to students majoring in the sciences who possess and maintain a 3.0 GPA.

The Isabel I. Royer Biology

Scholarship Fund: Established in 1990 through the bequest of Dr. Isabel I. Royer to assist and recognize students demonstrating aptitude, interest, and academic achievement in biology.

The Isabel I. Royer Scholarship Fund:

Established in 1990 through the bequest of Dr. Isabel I. Royer. This scholarship is awarded to any student who demonstrates financial need and academic promise.

The Jesse C. and Ruth H. Royer

Scholarship Fund: Established in 1988 through the bequest of Ruth H. Royer as a tribute to Jesse and Ruth Royer. The recipient must have and maintain at least a 3.0 GPA and be of exemplary character.

The Fred '73 and Wanda Rudman

Scholarship Fund: Established in 2001 by Fred Rudman '73 in honor of his wife, Wanda. This scholarship celebrates Wanda's devotion to her family before her own education and her dedication to higher education for the non-traditional student. The scholarship is awarded to a non-traditional female student to enable her to further her education while raising a family.

The Reverend Russell Wells Sapp

Memorial Scholarship Fund: Established in 1979 by the family and friends of Russell Sapp, Class of 1923.

The Agnes B. and Robert D. Schreck

Memorial Scholarship Fund: Established by family and friends in 1969.

The Donna Sellman Alumni Children

Grant Fund: Established in 1986 by Donna DuVall Sellman, Class of 1945, to provide grants to incoming students who are children of WMC alumni. The recipients must meet the following minimum standards to qualify: freshman – 1100 combined SAT score and 3.5 GPA in high school; sophomore transfer – 3.2 GPA in college or the freshman standards; be recognized for outstanding participation in extracurricular activities in high school and a stated intent to participate in student activities in college.

The J. S. Reese Shanklin Scholarship

Fund: Established in 1994 through the bequest of Mildred Shanklin in memory of her father.

The Walter and Judy Shober Family

Scholarship Fund: Established in 1995, this scholarship will benefit graduate students in the Community-Based Human Services Management Program affiliated with TARGET, Inc.

The John H. Simms Scholarship Fund:

Established in 1986 by John H. Simms, Class of 1929, honorary trustee of the College.

The James Herman and Marvel Jackson Simpson Scholarship Fund:

Established in 1997 by Marvel Jackson Simpson, Class of 1936.

The Emma Knox Sisco Memorial

Scholarship Fund: Established in 1999 in memory of their daughter, Emma, by Dennis G. Sisco, Class of 1968, and Alexine S. Lesko. Preference is given to students who have overcome economic, social or physical challenges to achieve academic success while taking an active role in family, school, or community affairs.

The Margaret F. Smith Scholarship

Fund: Established in 1999 through the bequest of Margaret F. Smith, Class of 1937.

The James D. Smyth, Jr. Memorial

Scholarship Fund: Established in 1987 by his parents, Charlotte Haile Smyth and J. Donald Smyth, Sr., both of the Class of 1948, as a living memorial to James D. Smyth, Jr., Class of 1971. This scholarship is awarded annually to a student demonstrating outstanding personal character and an above average academic record. The recipient must be a major in psychology or biology with preference to psychology.

The Eleanor Wheeler '40 and Harry L.

Stalcup Scholarship Fund: Established in 2000 by Eleanor Wheeler Stalcup, the scholarship is awarded annually to a sophomore, junior, or senior majoring in mathematics or chemistry.

The Mary Anne Thomas Stazesky '49

Scholarship Fund: Established in 1999 in honor of Mary Anne's 50th reunion. The scholarship is awarded to a female student based on academic distinction.

The George L. and Sara Stern

Memorial Scholarship Fund: Established in 2000 by their nephew, Norman Stern, Class of 1949. The scholarship is awarded annually to a sophomore, junior, or senior majoring in history or English and completing a minor in education.

The Stone Scholarships Fund: The will of Harvey A. Stone provides that the income from the property he bequeathed to the College shall be applied to the education of male students at Western Maryland who may be pursuing a course preliminary to entering upon a theological course.

The Florence E. Stoner Scholarship

Fund: Awarded annually to student(s) from Frederick County attending Western Maryland College.

The Bishop James H. Straughn

Scholarship Fund: Established in memory of Bishop Straughn, an alumnus of the Class of 1899, active trustee, and president of the Board from 1929 to 1949.

The George M. Sullivan Scholarship

Fund: Established by his wife, Elna R. Sullivan, in honor of her husband, a member of the Class of 1927.

The Surdna Foundation Scholarship Fund

The William and Lucretia Tanner

Scholarship Fund: Established in 1996 through outright contributions and testamentary provisions of William and Lucretia Tanner, it is awarded annually to a full-time undergraduate student who demonstrates need and whose major or intended field of study is one of the following: biology, business administration, chemistry, English, mathematics, physics or political science. Preference is given to students from southern Maryland, southern Virginia and/or northern North Carolina and to students with an agricultural background.

The Margaret Lee Tawes Scholarship

Fund: Established in 1987 by Margaret Lee Nelson Tawes, Class of 1932. This scholarship is awarded annually to a student with a major or minor in music with preference to students from the Delmarva Peninsula. The recipient must maintain a B average to have the scholarship renewed.

The Dr. Charles Roberts Thomas

Scholarship Fund: Established in 1968 by Dr. Thomas, a member of the Class of 1911.

The G. Frank Thomas Scholarship

Fund: Established in memory of Mr. Thomas who graduated from Western Maryland College in 1908 and was a trustee from 1951–1965. It is awarded annually to residents of Frederick County.

The Theron Barker Thompson

Memorial Scholarship Fund: Established in memory of his father by Ernest Thompson, award-winning playwright, to support scholarships for students from Carroll County pursuing studies in the field of the fine or performing arts. Dr. Thompson was a member of the faculty of the College for 13 years, 1961–1974.

The Metro J. Truly, Jr. Memorial

Scholarship Fund: Established in 1983 by the family and friends of Metro J. Truly, Jr., Class of 1979.

The Henrietta Roop Twigg Memorial

Scholarship Fund: Established in 1979 by Mr. and Mrs. Eugene Willis, Classes of 1934 and 1935, in memory of Henrietta Roop Twigg, Class of 1913. The scholarship is awarded annually to a student majoring in music.

The William Tyeryar Scholarship Fund:

Established in 1993 through the bequest of Dorothy T. Tyeryar in memory of her husband, William H. Tyeryar, Class of 1937. It is awarded to students studying the natural sciences or entomology.

The Maurice S. H. Unger Memorial

Scholarship Fund: Established by the will of Miss Eleanor DeForest Boteler of Baltimore as a tribute to a prominent Carroll Countian, Maurice S. H. Unger, who was a Carroll County educator and superintendent for 19 years. The scholarship is awarded to Carroll County residents who demonstrate a strong moral character.

The Sidney H. Waghelstein '39

Memorial Scholarship Fund: Established in 1988 by the family and friends of Sidney H. Waghelstein '39 as a celebration of his life. It is to provide scholarships to students majoring in biology and entering his/her senior year with at least a 2.5 GPA.

The C. Harry Wahmann Memorial

Scholarship Fund: Established in 1984 in memory of C. Harry Wahmann, devoted trustee of the College. It is awarded annually to students with superior academic credentials.

The Leon and Betty Wahrhaftig

Scholarship Fund: Established in 1998 in honor of Leon and Betty Wahrhaftig. This scholarship is awarded to a junior or senior majoring in sciences and interested in a career in the health field. Preference will be given to a student from suburban Maryland, the District of Columbia, or northern Virginia.

The Douglas and Carolyn Powell '61

Walkling Scholarship Fund: Established in 1997 by Douglas and Carolyn Powell '61 Walkling, the scholarship will benefit graduate students in the Community-Based Human Services Management Program affiliated with TARGET, Inc.

The Margaret Wappler Memorial Scholarship for Applied Music Fund:

Established by the Omicron Eta Chapter of Delta Omicron, this scholarship of \$175.00 is awarded annually to an upperclass music major making a significant contribution to music on the Hill.

The W. Edwin Warfield Memorial

Scholarship Fund: Provided by the Lions Club of Silver Spring, Maryland, in memory of W. Edwin Warfield, a member of the club and an alumnus of Western Maryland who died in action during World War II.

The George Henry and Georgie Milby '43 Washington Scholarship Fund:

Established in 1998 by the Washington family in memory of Georgie Milby and George Henry Washington. This scholarship is awarded to students with demonstrated academic distinction.

The William A. and Gladys B. Weech

Endowed Scholarship Fund: Established in 1992 through the bequest of Gladys B. Weech, Class of 1927, to assist needy students in pursuing an education.

The Daniel I. Welliver, M.D. '50

Scholarship Fund: Established in 2000 by members of his family, colleagues and friends, this scholarship is awarded annually to a junior or senior majoring in one of the sciences with preference for a student pursuing a career in medicine or one of the allied health fields such

as nursing, physical therapy, sports medicine or athletic training. The student must maintain a 2.5 cumulative GPA and have demonstrated financial need.

The Western Maryland College

Endowed Scholarship Fund: Established in 1985 by the family and friends of Western Maryland College to honor family and friends.

The Western Maryland College

Student Foundation Scholarship Fund:

Established in 1985 by the members of The Student Foundation. The scholarships are awarded to Western Maryland College students based on leadership and need.

The Dr. and Mrs. Theodore M.

Whitfield Scholarship Fund: Established in 1957 and revised in 1996 by his beloved wife, Elizabeth Denny Dixon Whitfield, to honor Dr. Whitfield, professor of history emeritus and an active advocate in preserving America's heritage, and in recognition of his 60 years of service to and association with the College. It is awarded to a junior or senior history major demonstrating academic excellence and financial need.

The Roger H. Willard Memorial

Scholarship Fund: Established in 1982 by the family of Roger H. Willard, Class of 1930. The scholarship is awarded annually to a WMC student from Frederick County.

The Dr. Charles H. and Margaret V.

Williams Scholarship Fund: Established in 1987 upon the 50th reunion of Dr. Williams, Class of 1937. A student granted this award might be eligible to receive the award in consecutive years, if he/she maintains at least a 3.0 GPA.

The 1st Lt. George W. "Geordie"

Williams Memorial Scholarship Fund:

Established in 1989 in memory of George W. "Geordie" Williams, Class of 1986, a dedicated Army officer, who died aboard Pan Am Flight 103 in December 1988. It provides scholarship(s) to students enrolled in Advanced ROTC.

The Clarence M. Willis Scholarship

Fund: Established by Clarence M. Willis in 1987 in memory of Evelyn Johnson Willis; her mother, Katharine Hobbs Johnson, Class of 1910; and in tribute to his beloved wife, Pearl Dotson Willis.

The Anna May Gallion Wilson

Memorial Scholarship Fund: Established in 1991 in loving memory of Anna May Gallion Wilson, Class of 1931, by her husband, Frank K. Wilson. The scholarship is awarded annually to a student who demonstrates financial need.

The W. Wilson Wingate Memorial

Scholarship Fund: Established in 1981 by his sister, Carolyn W. Todd, in honor of his self-sacrificing devotion to his family and his concern for and support of all young athletes.

The Winkelman Family Memorial

Scholarship Fund: Established in 1998 by Nancy L. Winkelman '51, M.Ed. '70, in memory of her parents, Morris C. and Elizabeth J. Winkelman, and her brother, Barry A. Winkelman '55, and other members of the Winkelman family. This scholarship is awarded to a first-year student who has an interest in the humanities. Each awardee, insofar as possible, will continue to receive the scholarship throughout his/her undergraduate career after which time the award will be made on a similar basis to a student of the opposite gender.

The William R. Winslow Scholarship

Fund: The income from this fund provides scholarships based on financial need.

The Mary Wooden Memorial

Scholarship Fund: Established in 1997, this scholarship will benefit graduate students in the Community-Based Human Services Management Program affiliated with TARGET, Inc.

The Yingling Memorial Scholarship

Fund: Established in 1995 in loving memory of John Edward Yingling '24 and Ruth Benson Yingling '26 by the family of John E. Yingling, Jr., it is awarded annually to an upperclass student who intends to pursue a career in the teaching profession and is participating or scheduled to participate in a

student teaching course. Preference is given to students from Howard County, Maryland.

The B. Irene Young Pre-Medical

Scholarship Fund: Established in 1983 by B. Irene Young, clerk-in-charge of the Western Maryland College post office for many years, for a student seeking a career as a physician.

The Raymond L. and Jessie B. Young

Scholarship Fund: Established by their daughter, B. Irene Young, for the purpose of providing financial aid to a hearing-impaired and blind student. Should there not be a candidate with this dual limitation, the aid may be awarded to a deaf or a blind student.

The Karen Zdravec Scholarship Fund:

Established in 1997, this scholarship will benefit graduate students in the Community-Based Human Services Management Program affiliated with TARGET, Inc.

Other Endowed Funds

Certain funds within the endowment of Western Maryland College have been donated by alumni and friends to support the financial strength of the College. These contributions provide for library acquisitions, student loans, and various discretionary funds.

The Phyllis Elizabeth Geiser Ashcraft

Memorial Fund: Established by her husband, Claud W. Ashcraft, Class of 1953, and her sons, C. Cleveland Ashcraft and Paul Geiser Ashcraft, in memory of a loving wife and mother. This fund will perpetually support the Western Maryland College Annual Fund.

The Baker Chapel Endowment Fund:

Established in 1988 by the Class of 1948 to provide for the upkeep and maintenance of Baker Chapel.

The F. Murray Benson Memorial Fund

The B. Christopher Bothe Memorial

Lectureship Fund: Established in memory of B. Christopher Bothe, Class of 1972, this endowed fund provides support for an annual day-in-residence for a poet or prose writer under the general supervision of the College's English department.

The L. S. Bowlsbey Jr. Endowment:

Established in 1995, in honor of Dr. L. Stanley Bowlsbey Jr., '52, M.Ed. '59, former chair of the education department and former director of graduate studies program, the L. S. Bowlsbey, Jr. Endowment provides support for the Western Maryland College graduate program in administration.

The Burch/Stiller Endowment:

Established in 2001 in honor of Frank Burch and Shale Stiller.

The Robert H. Chambers Presidential

Endowment: Established in 1999, in honor of the seventh President of Western Maryland College, The Robert H. Chambers Presidential Endowment will be used to advance the educational mission and programs of the College and to take advantage of opportunities to enhance the reputation and future growth of the College.

The Class of 1927 Endowed Library

Fund: Established by the Class of 1927 to provide general endowment income for use by the library.

The Class of 1938 Music Fund: Made possible by the generosity of the members and friends of the Class of 1938, this fund was established in celebration of the Class's 55th reunion. It will provide first for "The Class of 1938 Award for Excellence in Music." Additionally, other monies will be used to support the programs and activities of the music department.

The Class of 1993 Endowed Book Fund for the Hoover Library:

Established by the Class of 1993 as their senior class gift to provide general endowment income for the purchase of books for the Hoover Library.

The Dunning Memorial Fund

The Eaton Endowment: Established in 2000 through the generous bequest of Thomas H. Eaton, Class of 1927, and Catharine Welker Eaton, both of whom served Western Maryland College as members of the Board of Trustees.

The John T. and Birdie S. Ensor Memorial Fund**The Hilary A. Faw Loan Fund:**

Established in 1987 by Robert D. Faw, Class of 1941, in memory of his father, to provide loan funds to full-time undergraduate junior and senior students faced with an emergency situation.

The Katherine Frizzell Fund: Established in 1991, this fund supports the general endowment or other express purposes as assigned by the Board of Trustees.

The Laura Kendall Garland

Endowment Fund for Music: Established in 1993 in memory of Laura Kendall Garland through the generosity of her daughter, Robin N. Garland, Class of 1984, and her son, Douglas A. Garland, to support and enhance the music department.

The Maude Gesner Professor of Music

Endowment Fund: Established in 1984 in honor of Maude Gesner, for her many years of dedicated service as inspiring teacher and head of the music department.

The Edwin R. Helwig Science

Endowment: Established in 1990 through the bequest of Edwin R. Helwig, Class of 1922, in support of the sciences.

The Eileen C. Henze Memorial Fund:

Established in 1981 by the will of Eileen C. Henze, Class of 1938, in support of the English department.

The Tony and Sherry Hill Periodical

Publications Fund: Established in 1986, the interest from this fund is used to offset the cost of periodicals.

The Fred Garrigus Holloway

Lectureship Fund: Established in 1986 by anonymous donors to honor Dr. Fred G. Holloway, fourth president of Western Maryland College. The lecture will be held annually in the fall of each year and will be given by a respectable scholar or critic of literature.

The Dr. Samuel H. and Elsie W.

Hoover Library Endowment: Established in 2001 through the bequest of Dr. Samuel H. Hoover, long-time trustee and benefactor of the College. The yield from this fund shall be for the use and general support of the Hoover Library.

The Frank Hurt Tennis Fund: Established in 1981 to provide funds for the upkeep and maintenance of the Frank B. Hurt Tennis Courts.

The Information Technology

Endowment Fund: Established in 1999 during The Defining Moment Campaign, this fund is dedicated in support of new equipment, software, networking and other technological advancements for the Western Maryland College campus. It will be used to enable the College to make significant technological improvements each year and will give increased impetus to the effort by the WMC faculty to expand the use of technology in their teaching.

The Dr. and Mrs. Edgar B. Jenkins

Student Loan Fund: Established by Dr. and Mrs. Jenkins, former faculty members, to assist capable students in receiving an education.

The Ralph and Dorothy John

Professorship: Established in 1999 by former football coach W. James Hindman and his wife, Dixie, of Westminster, Md. The first-ever endowed undergraduate professorship in the humanities was created to honor former President Ralph C. John and his wife, Dorothy. Dr. John served as president from 1972–84 during which time the College nearly doubled its enrollment, earned acclaim for its graduate program in deafness and launched the graduate degree program in liberal arts, adopted long range planning and was approved for a Phi Beta Kappa chapter. The professorship will rotate every five years to faculty in the disciplines representing the Humanities.

The Richard C. Johnson Memorial

Fund: Established in 1991 in memory of Richard C. Johnson, Class of 1984, by his wife, family, and friends. The interest from this fund shall be used each year in support of the men's intercollegiate baseball program.

The Drs. Kerschner, Royer, and Sturdivant Growth Endowment Fund:

Established in 1988 by a group of former students of Dr. Jean Kerschner, Dr. Isabel Thompson Isanogle Royer, and Dr. Harwell P. Sturdivant, this fund will be used by the Board of Trustees for scholarships or for faculty support.

The Margaret Reisler Kishbaugh

Memorial Fund: Established in 1965 through the bequest of Margaret Kishbaugh, this fund supports the general endowment or other express purposes as assigned by the Board of Trustees.

The Sharon L. Klompus Music Student

Support Fund: Established in 1995 and supported through periodic contributions, this fund assists music students in experiencing the wide range of music-related opportunities during their years on the Hill.

The Evelyn C. Mackenzie Endowed

Fund in Music: Established in 1992 through the generosity of Mrs. Evelyn C. Mackenzie, Class of 1931. This fund is used by the music department to enhance current offerings by bringing visiting artists to campus.

The Makosky Book Collection Fund:

Established in 1976 by alumni and friends of John D. Makosky, academic dean emeritus. This fund is used each year to purchase books selected by the English department for Hoover Library.

The Thomas F. Marshall Endowed

Library Fund: Established in 1992 by his wife, Elizabeth Johnson Marshall, in honor of Dr. Thomas F. Marshall, professor of English at Western Maryland College from 1943 to 1955. The earnings from this fund shall be expended at the discretion of the librarian of the College in consultation with the theatre department to maintain, support, and augment the Thomas F. Marshall Theatre Collection.

The Corinthia Caldwell Meyls

Memorial Fund: Established by her bequest, this fund is an endowment designed to provide annual income for the Annual Fund.

The George and Sally Bridges Meyls Memorial Fund: This fund is an endowment which generates annual income for the Annual Fund.

The Oscar Lafayette Morris Library Memorial Fund: Established through the bequest of Oscar Lafayette Morris.

The Ivah M. Norman Memorial Fund: Established in 1999 in loving memory of Ivah M. Norman, by William H. M.Ed. '65 and Ellen E. Norman. This fund was created to further excellence in the teaching field and the annual yield will be distributed to the WMC graduate program for technology needs including equipment, teaching aids or faculty training.

The Edward Nygren Music Endowment: Established in 1995 through the bequest of Edward J. Nygren, M.D., Class of 1947, in support of the music department.

The Melvin D. Palmer Faculty Development Fund: Established in 2001 by Joan Develin Coley, eighth president of Western Maryland College, in honor of Melvin D. Palmer, professor of comparative literature emeritus and former vice president and dean of academic affairs. The fund will provide grants for academic research, projects designed to enhance the academic curriculum, and other appropriate projects awarded by the Provost in consultation with the Faculty Development Committee.

The Col. Harry A. Patterson Memorial Fund

The Virginia Phillips '43 Endowed Library Fund: Established in 1999 by Virginia Phillips, Class of 1943, the annual yield shall be used to support and enhance the Hoover Library and its collections, staff, services, and technological resources.

The Alleck A. and Harriet S. Resnick Endowed Lecture Fund in International Relations or Multicultural Studies: Established in 1999 by Elaine and Alvin Mintzes to honor Alleck A. Resnick's years of dedicated service to his alma mater and in the Baltimore Jewish Community.

The Jean and Donald Richards Endowment Fund for Chemistry:

Established in 1991 through the generosity of Jean Andrews Richards, Class of 1945, and her husband, Donald, to support and enhance the chemistry department.

The Keith and Eleanor Richwine Collections Room Endowment:

Established in 1998 in support of the Special Collections Room in Hoover Library. The fund will be administered by a committee which consists of two English department faculty members and one librarian.

The William and Edith Ridington Annual Lectureship Fund: Established in 1991 to honor Edith Farr Ridington, senior lecturer emerita, and Dr. William Robbins Ridington, professor of classics emeritus, this annual lectureship will attract a distinguished scholar to the campus each year. There will be no restriction with regard to academic discipline.

The E. McClure Rouzer Memorial Fund: Established by E. McClure Rouzer, Class of 1907, a long-time benefactor and trustee of Western Maryland College.

The Evelyn Pusey Ruark Endowment: Established in 2001 through the bequest of Evelyn Pusey Ruark, Class of 1928, for its general use.

The Samuel and J. Corinne Schofield Memorial Endowment in Chemistry: Established in 1989 by an anonymous donor to be used to support and enhance the chemistry department.

The Robert A. and Phyllis M. Scott Endowment: Established in 2001 through the bequest of Robert A. and Phyllis M. Scott, community leaders, patrons of the arts, and long-time benefactors of WMC and higher education.

The Frank E. Shipley Memorial Fund

The Richard Singer Student Research Fund: Established in 2001 by D. Sue Singer in memory of her husband, Richard Singer, in order to support student researchers and encourage students to pursue careers in scientific research.

The Laura F. Stalnaker Scholarship

Loan Fund: Established in memory of Miss Laura F. Stalnaker, Class of 1881. Loans from this fund are available to worthy students on a non-interest bearing basis and are repayable within a ten-year period after graduation.

The Grace T. Stewart Memorial Fund

The TARGET Endowment Fund:

Established in 1988 to fund the Laurence J. Adams Chair in Special Education.

The James Thompson Memorial Fund:

Through a gift made by Dr. and Mrs. William J. Thompson in memory of Dr. Thompson's father, The Rev. James Thompson of the Maryland Conference of the former Methodist Protestant Church. The income from this endowment is used for the purchase of books for the departments of psychology and philosophy and religious studies.

The Tillman "Little" Baker Chapel

Endowment Fund: Established in 1999 by Mr. and Mrs. H. Richards Tillman, Sr. and Mr. H. Richards Tillman, Jr., Class of 2000, in memory of Harry H. and Katherine M. Richards '25 Tillman. The fund was created to maintain the interior and exterior integrity of "Little" Baker Chapel.

The Dr. McCay Vernon Fund for

Support of Deaf Education: Established in 1996 by colleagues and friends to honor Dr. McCay Vernon, professor emeritus of deaf education and internationally renowned for his work with deaf people, in recognition of his 21 years of service to the College as well as his devotion to the community. The yield is awarded annually to a student or faculty member who is involved in research in the deaf education program.

The Wenner-Wingate Memorial Lecture on the History and Literature of Sport

Fund: Established in 1989 by Dr. Evelyn

Wingate Wenner, as a proper and fitting memorial to two very special members of the WMC family: W. Wilson Wingate, Class of 1918, member of the WMC Sports Hall of Fame and noted sports writer, and Charles Malcolm Wenner, Jr., a friend of Western Maryland College and devoted husband to Evelyn Wingate Wenner. This annual lecture will focus on the history of sports in all of its dimensions: literary, historical, and philosophical.

The William J., Jr. and Laura Westervelt Fund for Support of the Academic Skills/504 Center:

Established in 1998 by William J., '71, and Laura Westervelt. This fund will provide support, advance the technological resources and enhance the delivery of services for the Academic Skills Center/504 Program.

The Joseph S. Whiteford Fund: This fund has furnished and endowed a suite of rooms in Albert Norman Ward Hall to be occupied by two worthy young men without charge.

The Louise Widdup Music

Endowment: Established in 2000 by Louise Scott '48 Widdup and John B. Widdup. The fund will support the music program at the College with emphasis on the choral music program.

The Eugene "Stoney" Willis Memorial

Fund: Established in 1994 in memory of Eugene "Stoney" Willis, Class of 1934, by family and friends.

The Mr. and Mrs. William R. Woodfield, Sr. Fund

The Ira G. Zepp Distinguished

Teaching Award: Established in 1995 by Charles E. Moore, Jr., Class of 1971, and Carol Hoerichs Moore, Class of 1970, it is awarded annually to an outstanding member of the faculty at Western Maryland. It is awarded in alternate years with the Ira G. Zepp Teaching Enhancement Grant.

The Ira G. Zepp Teaching

Enhancement Grant: Established in 1995 by Charles E. Moore, Jr., Class of 1971, and Carol Hoerichs Moore, Class of 1970, it is

designed to encourage a significant project designed to enhance teaching and will favor faculty who are in their first decade of service at Western Maryland. It is awarded in alternate years with the Ira G. Zepp Distinguished Teaching Award.

Endowed Annual Prizes and Awards

Western Maryland College has a proud tradition of honoring outstanding students for both academic and other achievements. These accomplishments are recognized through a number of endowed prizes and awards which are made possible by the generous gifts of alumni and friends of the College. They are presented during the annual Honors and Investiture Convocation, Commencement, or other special occasions.

The John A. Alexander Medal: Endowed by the Class of 1917 in memory of John A. Alexander, Class of 1917, awarded to the member of the graduating class with the best record in athletics.

The Jean Alpaugh Award for Interdisciplinary Study: Awarded to the student with an appreciation for cross-cultural experiences whose proposal for off-campus study will most benefit her/his academic program; and who most embodies the enthusiasm for learning, the breadth of scholarship, and the interdisciplinary interests of Jean Alpaugh, Class of 1990, who while graduating with honors in English, excelled also in anthropology, photography, art, history, and music.

The Aristotle Award for Excellence in Communication: Established in 1999 by Richard W. Dillman to honor the Western Maryland College faculty members and students whose vision and persistence led to the establishment of the Department of Communication. It is awarded periodically to a rising junior or rising senior who exhibits an outstanding degree of intellectual sophistication and academic accomplishment in the study of communication history and theory.

The Award for Excellence in

Chemistry or Biochemistry: Established in 1998 by Dr. Richard H. Smith Jr., his family, friends, and former students. This award will be made to a graduating senior chemistry or biochemistry major who demonstrates academic distinction and enthusiasm for liberal learning as well as excellence in scientific research.

The Joseph R. Bailer Award: Endowed in 1992 by Margaret Cassidy Sullivan, Class of 1955, in memory of her husband, Joseph R. Bailer, former head of the education department. This award is made annually to an outstanding graduate of the master's degree program.

The Bates Prize: Established in memory of The Rev. Laurence Webster Bates, D.D. It is awarded to the member of the graduating class who has made the best record during the undergraduate course as a college man.

The Michael and Polly Beaver Award for Excellence in Education: Established in 1985 by the family, colleagues, students, and friends of Michael and Polly (Grayson) Beaver, Class of 1979, as a lasting memorial of their lives and their impact on education. The recipient, selected by the education department, is a graduating senior completing the minor in elementary or secondary education; someone who has had a distinguished college career as reflected in their scholarship and contributions to life both on- and off-campus. The award is presented at Honors Convocation.

The Margaret Fredrich Blizzard '45 Art Award: Established in 2000 by Dennis F. Blizzard, Class of 1945, it will provide for an annual art competition with an overall "best of show" award made in recognition of the interests and talents of Margaret Fredrich Blizzard.

The Elizabeth Lintz Burkhardt Memorial Service Award: Established in 1993 in loving memory of Libby Burkhardt, Class of 1938, by a devoted family to recognize an outstanding senior who has demonstrated exceptional and persistent giving of time and service to others within the College and to the community at large.

The H. Samuel Case '63, M.Ed. '66 and Susan Snodgrass Case '65, M.Ed. '84 Award for Excellence in Scholarly Research: Established in 2000 by several of their classmates to honor Dr. Sam Case and Susan Snodgrass Case. This award is presented to the sophomore or junior who is involved in scholarly research, has achieved academic distinction, and follows the examples that Dr. and Mrs. Case have exhibited for their diligent efforts to expand one's understanding of man's place in the universe.

The Richard A. Clower Award for Excellence in Exercise Science and Physical Education: Established in 1999 to honor Dr. Richard A. Clower who served Western Maryland College for over 40 years as head of the exercise science and physical education department and also as director of athletics. This award is presented annually to the senior exercise science and physical education major who has achieved the best academic record and has exhibited the traits of scholarship, leadership, compassion, and service for which Dr. Clower is known.

The Joan Develin Coley Award for Excellence in Education: Created in 2001 by D. Robert '43 and Edna Haller '46 Beglin in honor of the presidency of Dr. Joan Develin Coley, the eighth president of Western Maryland College. It is awarded annually to a graduate student or undergraduate student in literacy education who, in the opinion of the reading education faculty, has achieved the best record in the study of literacy theory and practice.

The David Brian Cross Memorial Award for Achievement in Mathematics: The award, established in 1983, is based on performance in the William Lowell Putnam Mathematical Competition. It is given in memory of Davey Cross, Class of 1981, whose academic achievements serve as a model of excellence.

The James P. Earp Sociology Award: Established in 1985 in memory of Dr. James P. Earp, former chairman and emeritus professor of sociology. The award is given annually to a junior who has demonstrated

the qualities for which Dr. Earp is remembered: a high level of scholarship in the study of sociology, as well as qualities of character and leadership which have been an inspiration to the campus community.

The Eloise B. and Lowell S. Ensor Award for Graduate or Professional Study: Presented annually to that member of the graduating class whose excellence while at Western Maryland College, based on scholarship, character, and contributions to the life of the College, best predicts success in attaining a graduate or professional degree. This award was established by family and friends to honor Dr. and Mrs. Ensor for their many years of service and dedication to Western Maryland College.

The Lynn F. Gruber Medal: Endowed by the Black and White Club (now Phi Delta Theta fraternity) as a memorial to Lynn F. Gruber, Class of 1926. It is awarded for proficiency in extracurricular activities.

The Charles W. Havens Award: Established in 1981 in honor of Charles W. Havens, Class of 1930, by the 1951 Undefeated Football Team. It is presented to a graduating senior who has participated in intercollegiate athletics and has shown by word and deed the attributes of charity, altruism, benevolence, and a humane and compassionate concern for his fellow man.

The Dr. Reuben Holthaus Award in Philosophy: Established in 1991 to recognize an outstanding senior majoring in philosophy. The student must have maintained at least an overall 3.0 GPA throughout his/her undergraduate academic career.

The Ralph Candler and Dorothy Prince John Award for Academic Excellence and Service to the College Community: Established in 1995 by a friend and former colleague and his wife in honor of the sixth president of Western Maryland College and his wife, this award is made annually to an underclass student demonstrating academic excellence and service to the College community.

The Dr. Henry P. and Page Laughlin

Special Awards: Established in 1991 to recognize outstanding individuals in the five award categories – faculty, student body, administration, Board of Trustees, general public – with awardees selected annually by the president of the College.

The Mary Ward Lewis Prize: Founded in 1920 by the Browning Literary Society in honor of the wife of the second president of the college. It is awarded to the woman of the graduating class who has made the best record during her undergraduate course.

The Makosky Award for Excellence in English: Established in 1981 by the members of the English department to honor John D. Makosky, dean of faculty emeritus. This award is given each year to an outstanding graduating senior.

The Frank and Margaret Malone Award for Excellence in a Foreign Language: Established in 1987 by Col. W. Frank Malone, Class of 1938, in memory of his wife, Margaret C. Malone. The award is made each year to that senior who shall have demonstrated the highest level of excellence in a foreign language.

The McLuhan Award for Excellence in Communication: Established in 2000 by Richard W. Dillman in honor of Marshall McLuhan, the inventor of modern mass communication theory. This award is presented annually to the graduating senior communication major who has achieved the best record in the study of communication history and theory.

The Malcolm L. Meltzer Psychology Award: Established in 1987 by the Meltzer family in memory of and in tribute to Dr. Malcolm L. Meltzer, Class of 1951. The award shall be made each year to the graduating senior who has majored in psychology, has the highest overall GPA, and has been accepted by, and is planning to attend, an accredited graduate school in psychology.

The Charles J. Miller Award for Excellence in Mathematics: Established in 1995 by Charles J. Miller, Class of 1967, this award, which is designated for the purchase of books and supplies, is made annually to a rising senior who demonstrates academic distinction in mathematics, with preference being given to students preparing for a career in teaching.

The James B. Moore Memorial Award: To that member of the sophomore class who during his freshman year showed superior qualities of character and leadership in all phases of campus life and activity including ROTC. The award was established by the family, classmates, and friends of Lt. Col. James B. Moore, Class of 1953, who in 1967 gave his life for his country in Vietnam and who, during his student days and as an officer in the United States Army, demonstrated in an unusual fashion these same qualities of character and leadership.

The Felix Woodbridge Morley Memorial Award: To that member of the freshman class who has most happily justified admission to the college community. The award was established in 1952 by Mr. and Mrs. Felix Morley in memory of their son, who was a freshman at the college during the academic year 1951–1952.

The Philip and Azalea Myers Award for Creativity in English: Established in 1979 by Philip Myers in memory of his wife, Azalea (Sally) Myers, Class of 1914. It is awarded to an outstanding senior in the English department.

The John D. Nawrocki Memorial Award: Established in 1979 by his teammates, fraternity brothers, and friends in honor of John D. Nawrocki, Class of 1977. It is awarded annually to that male member of the senior or junior class who has participated in soccer and lacrosse and who emulates the traits of quiet leadership through example, concern for teammates and friends, and willingness to give fully of himself to the joy and benefit of others.

The Outstanding Sophomore Art

Award: Established in 1982 by Wasyl Palijczuk and WMC patrons of the arts, it is awarded annually to an outstanding sophomore art major for the purchase of art supplies.

The Wasyl Palijczuk Art Award:

Established in 1995 it is awarded annually to an outstanding art major upon completion of the sophomore year. The awardee is selected by the art department, and the award is administered by the Office of the Provost and Dean of the Faculty.

The Phi Delta Gamma Award: Western Maryland College's Psi Chapter of Phi Delta Gamma, a national fraternal organization for graduate students, has established an endowed fund to make an annual award to a member of the graduating class to encourage graduate study.

The Jane M. Prichard Memorial

Award: Established in 1988 in memory of Jane M. Prichard, Class of 1980, by her family and friends.

The Millard Milburn Rice Journalistic

Prize: Established in 1993 through a charitable gift annuity by Millard M. Rice, Class of 1921, to encourage the highest quality of non-fiction writing, it is awarded annually to a junior or senior with preference given to students with financial need who are interested in careers as writers or to students interested in political science, economics, or history.

The Western Maryland Norman E.

Sartorius Gift and Citation: Established in 1982 by the will of Dr. Norman E. Sartorius, Class of 1900. To be awarded every other year to a student who has contributed the most toward the moral and spiritual uplift of the Western Maryland student body.

The Gordon B. Shelton '68 Award for Excellence in the Life Sciences:

Established in 1996 by his wife, Barbara, and children, Dianne, Wade, and Drew, in honor of Gordon's service with distinction to his alma mater, this award is made annually to an underclass student who demonstrates academic distinction in the life sciences and in service to the College community.

The M. Louise Shipley Art Award of

Excellence: Initiated in 1973 by Wasyl Palijczuk, professor of art, in recognition of M. Louise Shipley's years of teaching in the department and her leadership as chairman for many years. The award is given to the outstanding graduating senior art major.

The Esther Smith Award: This award was established in 1971 by Mary and Ira Zepp.

Given annually to a graduating senior who during four years at WMC has displayed a high degree of creativity in the arts (drama, music, or art) and who also is respected by both faculty and students for his or her contribution to the human welfare of the College. This combination of qualities was uniquely characteristic of Esther Smith and endeared her to the entire College community during her 44 years as a member of the dramatic art department.

The SOS/Hinge Griswold-Zepp Award:

Established in 1990 by members of SOS/Hinge celebrating their 20th reunion. This award is to provide a stipend to an undergraduate student who wishes to pursue an SOS/Hinge-type project, which exemplifies volunteerism, during January Term or during the summer months.

The Hugh Barnette Speir, Jr. Prize:

Given to the student showing greatest excellence in European history. It was established by the parents of Hugh Barnette Speir, Jr., Class of 1945, who was killed in World War II while serving with the armed forces in Germany.

The Dr. Clyde A. Spicer Award:

Originally established by Kappa Mu Epsilon in 1969, it was endowed by the family, colleagues, former students, and friends of Dr. Spicer as a living memorial of his 40 years of dedicated service to Western Maryland College and, most specifically, to the mathematics program of the college. This award is given annually to the outstanding graduating senior in mathematics.

The James Stephens Memorial Award:

Established in honor of James C. Stephens, Class of 1964, to provide a trophy to the outstanding football player as voted by his teammates.

The H. P. Sturdivant Biology Award:

Established in 1973 at the retirement of Dr. Sturdivant as chairman of the biology department. Awarded to the senior biology major who displays the following qualities: academic excellence, dedication to the liberal arts philosophy, and unselfish service.

The Anna J. Treff Award for Excellence in Pre-Medical or Biological Studies:

Established in 1995 by her son and family as a lasting memorial to Anna J. Treff, it is awarded annually to an underclass student who demonstrates academic distinction in pre-medical or biological studies.

The United States History Award:

Established through the bequest of Mr. H. Peyton Gorsuch for students excelling in United States history.

The Michael L. Waghelstein Memorial Award:

To that member of the graduating class who demonstrated to the greatest extent the following attributes: military proficiency and leadership potential; athletic ability; sincerity; zest for living; and loyalty to country, college, and friends. The award was established in 1970 by the family, classmates, and friends of Captain Michael L. Waghelstein, Class of 1967, who, during his student days and as a regular Army officer, demonstrated and was recognized for these characteristics.

The Robert Joseph Weber Award for Excellence in Political Science and International Studies:

Established in 1997 by Robert J. Weber, professor of political science and international studies since 1969, departmental chair since 1982. This award will be made to a graduating senior who demonstrates academic distinction in the field of political science and/or international studies and who is involved in on- and/or off-campus activities, and who contributes to the College community.

The Mr. and Mrs. Harold F. Wentz Most Promising Art Freshman Prize:

Endowed by Harold F. Wentz, to be awarded to the freshman showing the greatest promise as an artist.

The Kathryn E. Wentz Art Awards:

Established in 1984 by Harold F. Wentz in honor of his wife for all the understanding and encouragement she has provided to his art career. Cash awards and ribbons are given at the Kathryn E. Wentz Art Show held each spring for the students of Western Maryland College and the May Day Art Show. These two shows are arranged and juried under the direction of the art department.

The Steve Robert Wilson Memorial Award:

Established in 1986 by the alumni fraternity brothers, family, and friends as a living tribute to Steve R. Wilson, Class of 1975, a dedicated member of the track and field team during his four years at WMC. The award is made each year at the Honors and Investiture Convocation to the senior man and senior woman with the most outstanding record in track and field.

The Barry A. Winkelman Memorial Award:

Granted to a student beginning his junior year who has been accepted for advanced ROTC, has evidenced academic and athletic ability, and exhibits certain characteristics reminiscent of Captain Winkelman, Class of 1955, an Army pilot at the time of his death.

The WMC Distinguished Teaching Award:

Established by Sigma Sigma Tau Sorority, this award is given annually to an outstanding member of the WMC faculty.

Annual Awards

UNDERGRADUATE COLLEGE SCHOLARS 2001

Jonathan Shepherd Berr
 Jeanne Marie Chamberlin
 Amanda Joy Cline
 Melanie Gayle Cook
 Melissa Andra Donner
 Megan Leslie Drost
 Honesty Michele Drumgoole
 Ryan Edward Ewing
 Jeffrey Ryan Groff
 Lori Kristin Hansch
 Sarah Mae Harper
 Freda Nicktaria Karos
 Julie Marie Kirchner
 Amanda Sue Leshner
 Benjamin Adam Liska
 Dennis Michael Lucey
 Clinton E. McKay
 Teresa M. Needer
 Shawn Adam Sprague
 Donald Bernard Todt
 Martha Drury Tudor
 Nathan Carter Williams

ARGONAUT AWARD 2001

Donald Bernard Todt

DISTINGUISHED TEACHING AWARD 2001

Debra Clements Lemke
 Associate Professor of Sociology

HONORARY DEGREES 2001

Jack Kelley
 Arthur B. Modell

Academic Calendar

Summer Term 2002

SUMMER SESSION 1

Tuesday, May 28-Friday, June 21

SUMMER SESSION 2

Monday, June 24-Friday, July 19

No classes Thursday & Friday, July 4 & 5

SUMMER SESSION 3

Monday, June 24-Friday, August 2

Fall Semester 2002

- Opening Faculty MeetingWednesday, August 21
- Opening ReceptionWednesday, August 21
- Introduction ConvocationThursday, August 22
- OrientationThursday - Sunday, August 22 - 25
- Daily class schedule begins, 8:00 a.m.Monday, August 26
- Graduate classes beginMonday, August 26
- Labor Day (no classes)Monday, September 2
- Last day to add a class, 4:30 p.m.Wednesday, September 4
- Last date for course drops &
 - Credit/Fail, 4:30 p.m.Monday, September 16
- January Term registrationMonday - Friday, September 23 - 27
- No classesMonday & Tuesday, October 14 & 15
- Mid semester grades are due in the
 - Registrar's Office, 12 NoonTuesday, October 15
- HomecomingSaturday, October 19
- Last date for withdrawal from
 - courses with "W" grade, 4:30 p.m.Monday, October 28
- Spring registrationMonday - Friday, November 11 - 15
- Thanksgiving recess begins, 7 p.m.Tuesday, November 26
- Graduate recess begins 10:00 p.m.Tuesday, November 26
- Classes resume, 8:00 a.m.Monday, December 2
- First semester classes endFriday, December 6
- Reading Day(s)Saturday & Sunday, December 7 & 8
- Examinations beginMonday, December 9
- Graduate semester endsMonday, December 9
- Graduate final grades due in
 - Registrar's Office 10 a.m.Wednesday, December 11
- First semester endsFriday, December 13
- Undergraduate final grades due in
 - Registrar's Office 10 a.m.Tuesday, December 17

January Term 2003

January Term begins, 10 a.m. Monday, January 6
 Last day for course changes, 4:30 p.m. Tuesday, January 7
 Last date for withdrawal from course
 with "W" grade, 4:30 p.m. Wednesday, January 8
 College Holiday—No Classes
 Martin Luther King, Jr., day observed Monday, January 20
 January Term Ends Friday, January 24
 January Term final grades due in
 Registrar's Office, 10 a.m. Friday, January 31

Spring Semester 2003

Second semester classes begin, 8:00 a.m. Monday, January 27
 Graduate classes begin Monday, January 27
 Last day to add a class, 4:30 p.m. Tuesday, February 4
 Last date for course drops and
 Credit/Fail, 4:30 p.m. Monday, February 17
 Spring recess begins, 7 p.m. Friday, March 14
 Mid semester grades are due in the
 Registrar's Office, 12 Noon Tuesday, March 18
 Classes resume, 8:00 a.m. Monday, March 24
 Last date for withdrawal from course
 with "W" grade, 4:30 p.m. Friday, March 28
 Fall registration Monday - Friday, April 7 - 11
 Honors & Investiture Convocation Sunday, May 4
 Graduate classes end Thursday, May 8
 Second semester classes end Friday, May 9
 Reading day(s) Saturday & Sunday May 10 & 11
 Examinations begin Monday, May 12
 Examinations end Friday, May 16
 Senior Week Sunday - Saturday, May 18 - 24
 Graduate final grades due in the
 Registrar's Office, 10 a.m. Tuesday, May 13
 Undergraduate final grades due in the
 Registrar's Office, 10 a.m. Tuesday, May 20
 Baccalaureate Service Friday, May 23
 Commencement Saturday, May 24

Key Administrators and Services

All may be reached through the College direct phone line: 410/848-7000, 410/876-2055

Events and Sports line: 410/857-2766

Fax: 410/857-2729

Web site: <http://www.wmdc.edu>

You may write to any individual or service in care of:

Western Maryland College, 2 College Hill, Westminster, MD 21157-4390

ACADEMIC WORK AND PROGRESS:

H. Samuel Case, Provost and Dean of the Faculty

Barbara Horneff, Associate Dean of the First-Year Program

Henry Reiff, Associate Dean of Academic Affairs

ADMISSIONS:

Martha O'Connell, Dean

ATHLETICS:

Jamie Smith, Director of Athletics

CAMPUS SAFETY:

Michael Webster, Director

COLLEGE ACTIVITIES:

Mitchell Alexander, Director of College Activities

COLLEGE BILLS:

Susan Schmidt, Student Accounts/Bursar

COMMUNICATIONS AND MARKETING:

Joyce E. Muller, Associate Vice-President, Communications and Marketing

COUNSELING AND CAREER SERVICES:

Karen Arnie, Director of Career Advising

Susan Glore, Director of Counseling

FINANCIAL AID:

Patricia Williams, Director of Financial Aid

504 SERVICES COORDINATOR:

Susan Dorsey

FOOD SERVICES:

Alan Dolid, Director

FRATERNITIES AND SORORITIES:

Mitchell Alexander, Director of College Activities

GENERAL INFORMATION:

Information Desk, Decker College Center

GIFTS:

Richard Kief, Vice President for Institutional Advancement

HEALTH SERVICES:

Herbert P. Henderson, M.D.

Joan M. Lusby, PA-C

Luanne A. Frebertshauser, R.N.

Dana D. Plevyak, R.N.

HOUSING DIRECTOR:

Elizabeth Towle, Assistant Dean of Student Affairs

JANUARY TERM:

Office of Academic Affairs

MOTOR VEHICLE REGISTRATION:

Campus Safety Office

NOTARY SERVICES:

Theresa McAndrew, Finance Office

PARENTS BOARD:

Philip Sayre, Dean of Student Affairs

PARKING:

Campus Safety Office

POST OFFICE:

Esther Griffith, Support Services Assistant

PRESIDENT:

Joan Develin Coley

STUDENT RECORDS AND TRANSCRIPTS:

Office of the Registrar

STUDENT SERVICES:

Philip Sayre, Dean of Student Affairs

TITLE IX COORDINATOR:

Susan Bloom, Art Department

WITHDRAWAL:

Office of Academic Affairs

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Directions to Campus

Mileage

From Baltimore	31 miles
From Columbia	36 miles
From Gettysburg	24 miles
From New York	218 miles
From Northern Virginia, Fairfax, Arlington	70 miles
From Philadelphia	136 miles
From Washington	56 miles
From Wilmington	100 miles

Both Washington, D.C., and Baltimore, Maryland, are served by major airlines and Amtrak. Westminster is a short drive from both cities.

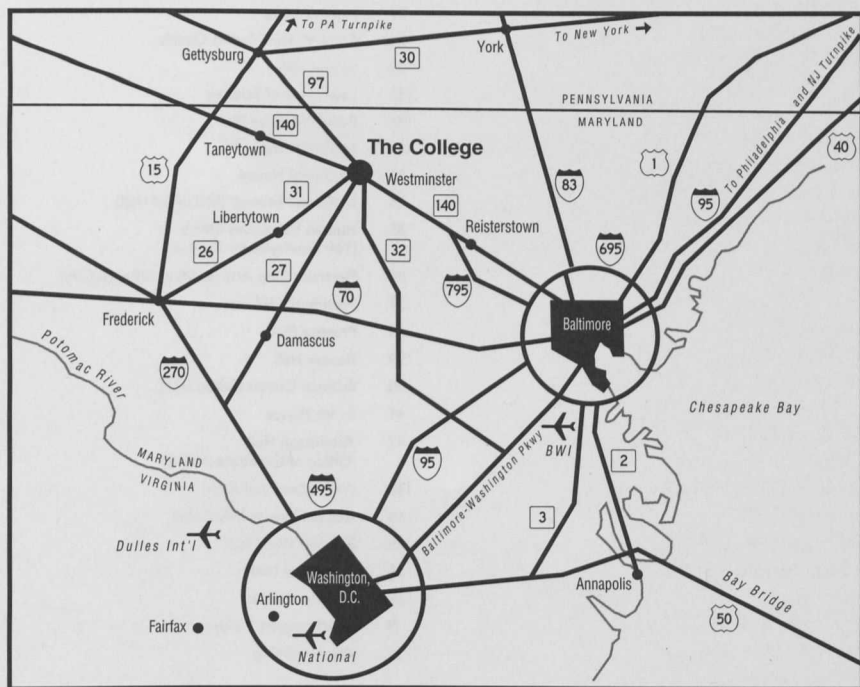
Directions to Campus

FROM BALTIMORE: Take I-695 (Baltimore Beltway) to Exit 19 onto I-795 (Northwest Expressway), continue to its completion. Follow signs to Westminster via Route 140 West around Westminster, and turn left, exiting onto Route 31. Drive 1/4 mile (the

golf course is on your left) and turn left at the second light – onto Uniontown Road. Drive 3/10 of a mile and turn left into Admissions Visitor Parking. The Office of Admissions is located in Carroll Hall, the Victorian-style red brick building.


FROM WASHINGTON D.C.: From the Washington Beltway (I-495), exit onto I-270 North toward Frederick, then onto Route 27 East/Damascus (Exit 16A). Take Route 27 North to Westminster. Turn left at the intersection of Routes 27 and 32, and drive 1/2 mile. Bear left at the forked roadway and turn right into Admissions Visitor Parking.

FROM THE NORTH: From U.S. 15 at Gettysburg, exit onto Route 97 South. Follow 97 to Route 140 North, and follow it around Westminster. Exit left onto Route 31 and go 1/4 mile (WMC golf course is on your left) and turn left at the second light – onto Uniontown Road. Drive 3/10 of a mile and turn left into Admissions Visitor Parking.





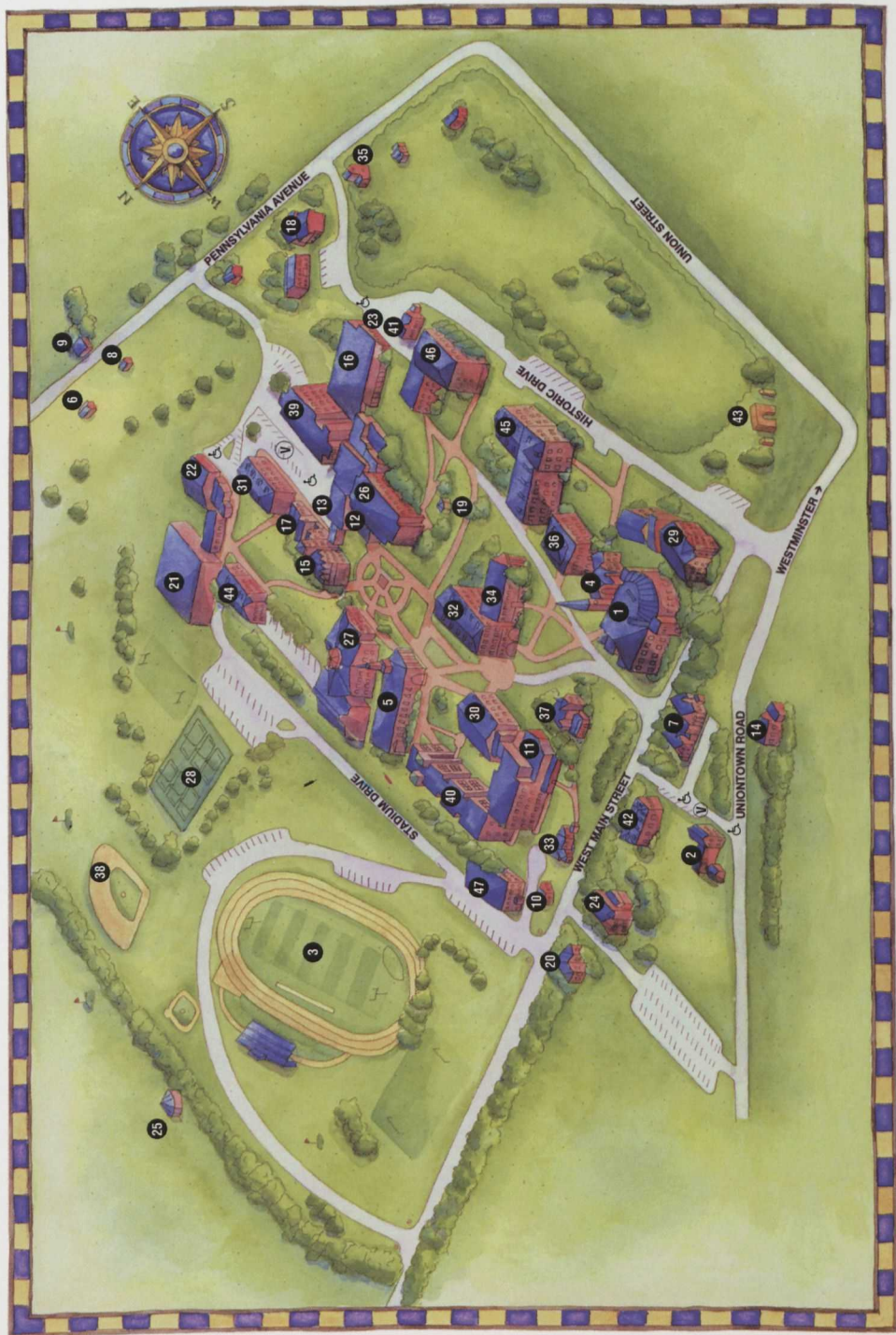
For more information on programs, admission, financial aid, or planning a visit to McDaniel, please call or write:

Dean of Admissions
2 College Hill
Westminster, MD 21157-4390
800/638-5005 (toll free)
410/848-7000 V/TDD
FAX: 410/857-2757
E-mail: admissio@wmdc.edu
Web site: <http://www.wmdc.edu>

 Printed on recycled paper.

Since 1988 there has been a strong student-led environmental movement on the College campus. The College Advisory Committee on Environmental Matters was formed the following year to review environmental practices, educate the community about environmental concerns and to expand the campuswide recycling program. Every effort is made to use supplies made from recycled materials, and to recycle in our classrooms, residence halls and offices. This catalog and other publications are printed on recycled paper. You can help too, by passing this along to any of your friends who may be interested in the educational opportunities the College offers.

1. Alumni Hall Theatre
2. Art Studio
3. Bair Stadium
4. Baker Chapel
5. Baker Memorial Chapel
6. Buell House (Golf Clubhouse)
7. Carroll Hall (Office of Admissions)
8. Central Receiving Dept.
(201 Pennsylvania Avenue)
9. Conference Services/Physical Plant Dept.
(192 Pennsylvania Avenue)
10. Dean's Cottage
11. Decker Auditorium (Lewis Hall of Science)
12. Decker College Center
13. Decker Roof Terrace
14. Doyle House
15. Elderdice Hall
16. Englar Dining Hall
17. Forlines House
18. Garden Apartments
19. Gazebo (Carpe Diem)
20. Geiman House
21. Gill Center
22. Gill Gym
23. Harlow Pool
24. Harrison House
25. Harvey Stone Park
26. Hill Hall
27. Hoover Library
28. Frank B. Hurt Tennis Courts
29. Levine Hall
30. Lewis Hall of Science
31. Daniel MacLea Hall
32. McDaniel Hall
33. McDaniel House
34. McDaniel Lounge (McDaniel Hall)
35. Human Resources Office
(149 Pennsylvania Avenue)
36. Peterson Fine Arts Building (Rice Gallery)
37. President's House
38. Preston Field
39. Rouzer Hall
40. Science Center (Eaton Hall)
41. Smith House
42. Thompson Hall
(Office of Graduate Affairs)
43. Ward Memorial Arch
44. Albert Norman Ward Hall
45. Blanche Ward Hall
46. Whiteford Hall
47. Winslow Center
-  Handicapped Parking
-  Visitor Parking





MCDANIEL
COLLEGE

Founded in 1867 as Western Maryland College

2 College Hill
Westminster, MD
21157-4390

Non-Profit Org.
U.S. Postage
PAID
Westminster, MD
Permit No. 178