

Western Maryland College

1995-1997 Undergraduate Catalog



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Western Maryland College

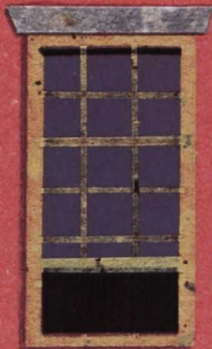
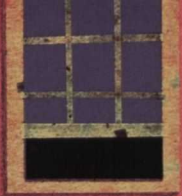
2 College Hill

Westminster, Maryland 21157-4390

On the Cover:

This paper assemblage of the College Gazebo was created by Michael David Brown. This summer house was built in 1907 on the hillside at Western Maryland College and was formally named *Carpe Diem*, a phrase from the then-fashionable Latin. Loosely translated it commanded "Seize the Day" and generations of Western Marylanders continue to follow the edict.

The College reserves the freedom to change any programs, policies, requirements, or regulations published in this catalog.



Western Maryland
College, is a private
college of the liberal arts
and sciences offering its
undergraduate catalog
for the years nineteen
ninety-five through
nineteen ninety-seven.



the Arts

“

language

science of

Grammar



The liberal arts may be regarded as one of the central and controlling elements in human thought. The premise of the dignity of the individual person, the freedom of the human will and the belief that we live under some kind of superhuman power is safeguarded by the treasures of this heritage.

The ideal of the liberal arts embodies what is good, beautiful and reasonable. The liberal perspective places less emphasis on knowledge than wisdom, less on self-interest than the rights of others. It rests on the principles of prudence, compassion, justice and an openness to what is transcendent and vibrant. A disciplined encounter with the liberal arts in the fields of philosophy, literature, history, theology, science and the arts offers the opportunity to seek and face answers to underlying personal and social questions.

The familiarity with the liberal arts takes us to the heart of the ethical dimension of our lives. It lets us see the consequences



that make us responsible for our actions. It enhances the capacity for the development of personal qualities, the enjoyment of things of an aesthetic nature, a sympathetic understanding of varied points of view and the pursuit of a life of growth and critical judgment.

The liberal arts challenge us, therefore, to consider the presence of human character and will in moral life. Although it is difficult to be conversant with the complexity of thought carried over from earlier centuries, the substance and nuanced discourses of the liberal arts afford an opportunity to cement the foundations of personal character, public duty and a commitment to intellectual values that temper knowledge with creative wisdom. Perhaps the greatest challenge derives from attempts to preserve and perfect the means to adapt values to purposeful work, a sense of power over our mental equipment and the fostering of moral stamina.



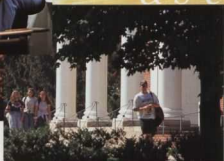
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logic



music



The value of the liberal arts does not rest on utility, but the enlargement and cultivation of reason and wisdom. The liberal discourse strengthens cultural fibers that articulate our society and provide access to one another's minds. While the emphasis on skills and mechanical techniques may appear to be a necessary requirement, to rest on this assumption might introvert the liberal tradition as the nemesis of history.

The ethical dilemma of our times suggests that there is a continuing need for contemplation of the values of the liberal arts. The challenge relies on attention to prospects that provide the opportunity to live wisely, richly and decently.

THE SEVEN LIBERAL ARTS as a course of instruction were originally developed in ancient Greece in the fourth and fifth centuries B.C. by humanists who rejected a study of the world based solely on myth and religion and introduced a systematic study of the world based on a harmoniously united, well-rounded,

and complete educational curriculum known as the *paideia*. This approach to learning was founded on grammatical correctness and intellectual accuracy, and it ultimately evolved into the seven liberal arts, which were divided into the *Quadrivium* —arithmetic, geometry, music, and astronomy — and the *Trivium* — grammar, rhetoric, and logic. Philosophy was considered to be the mother of all the liberal arts. This system of learning formed the basis of Classical education.

In 1912 seven stained glass windows portraying the medieval liberal arts were installed in Alumni Hall. These decorative windows can still be seen in the area known as the Understage. In 1991 new windows were added to grace the expanded Hoover Library and to embody, in modern form, the College's continuing commitment to liberal learning.



Arithmetic

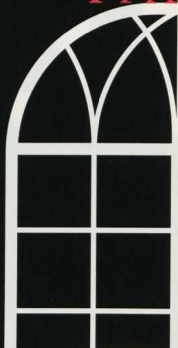
2



Geometry

first

Principles



Western Maryland 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's goal — to provide an academic and social environment that promotes liberal learning — is expressed in its *First Principles*:

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.

COLLEGE HISTORY

12

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 Western Maryland be an innovative and independent institution.

Western Maryland College shall be founded and maintained forever, 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.

Not only was Western Maryland the first coeducational college south of the Mason Dixon line, but 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.

In its 128-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), and Dr. Robert H. Chambers (1984-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

Western Maryland College is fully accredited by the Middle States Association of Colleges and Secondary Schools and is listed as one of 142 selective Liberal Arts Colleges in the nation by the Carnegie Foundation for the Advancement of Teaching. The College's undergraduate programs in teacher education are approved for certification by the Maryland State Department of Education. The College is also on the approved list of the American Association of University Women and the American Chemical Society, and is accredited by the Council of Social Work Education.

Character

Private, independent four-year college of the liberal arts and sciences founded in 1867; named for Western Maryland Railroad.

Location

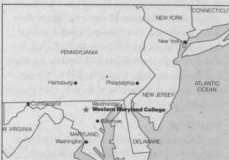
Thirty miles northwest of Baltimore, 56 miles north of Washington, D.C. The College overlooks Westminster, Maryland, Carroll County's largest town and county seat. Both nearby metropolitan cities offer students opportunities for learning and leisure—art and history museums, internships on Capitol Hill, Baltimore Orioles games, and Inner Harbor nightlife.

Campus

Of the 40 buildings on the 160-acre campus, six are listed on the National Historic Register. Campus facilities include a 187,000-volume library (a \$10 million expansion—including an on-line catalog system—was completed in 1991); fully equipped science laboratories—including a scanning electron microscope and transmission electron microscope; a campus cable network that produces its own programming; an audiology lab; a nine-hole golf course; the Physical Education Learning Center with a weight-training center and human performance laboratory and fitness center; and Decker College Center, with a bookstore, lounges, post office, snack bar, photo darkroom, and pub.

Enrollment

1,200 undergraduate students: 45 percent men, 55 percent women. Students come from 22 states and 10 foreign countries; the majority from Middle Atlantic Eastern Seaboard states. An average of 800 part-time graduate students are enrolled in classes on campus and off campus during any one semester.



Faculty

Eighty-three full-time professors; 95 percent hold the most advanced degrees in their disciplines. Student-faculty ratio is 13:1. Average class size is 20. All courses and laboratories are taught by regular faculty members, not by teaching assistants.

Academic Program

All undergraduate students take 30 percent of course work in the liberal arts: humanities, the fine arts, and the natural and social sciences. A 4-1-4 calendar features January Term, three weeks of intensive study during which students pursue special topics. Two graduate degrees are granted by the College: the Master of Liberal Arts and the Master of Science.

Major Fields

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, Theatre arts.

Pre-professional Programs

The College has a strong tradition of providing preprofessional education to students interested

in pursuing such study. A recent survey of Ph.D. productivity during the period 1951-1980 found that Western Maryland 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. (See Pre-Professional Studies, page 37.)

Honor Societies

In addition to Phi Beta Kappa, the national honor society which recognizes liberal arts scholarship of a high order, there are 14 other honorary societies on campus. Two 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 43.)

Housing

Approximately 85 percent of undergraduate students live on campus. Freshmen, sophomores, and juniors are required to live on campus unless they live with their parents, are married, or are over age 25. Freshmen live on campus in single-sex residence halls. Singles, doubles, and triples are available.

Costs

Western Maryland is one of 220 colleges in the nation and four in Maryland to be featured in *The Best Buys in College Education* by Edward B. Fiske, education editor of the *New York Times*.

Average expenses for the academic year 1995-96:

| | |
|-------------------------------|-----------|
| Tuition | \$ 15,300 |
| Room (double occupancy) | \$ 2,555 |
| Board (17 meals/wk.) | \$ 2,810 |
| TOTAL | \$ 20,665 |

Modest annual increases in tuition, room, and board may be expected each year.

Academic Scholarships

The College awards more than \$900,000 in academic scholarships—ranging from \$2,000 to full tuition—every year to academically talented entering students. Transfer students are also eligible.

Financial Aid

Eighty percent of students receive grants, scholarships, loans, or Work-Study employment; about 60

percent receive need-based awards, from \$200 to full tuition, annually. The College also offers numerous endowed scholarships as well as partial to full ROTC scholarships.

Athletics

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

Deaf Education

Western Maryland College is internationally recognized for its graduate program in training teachers for the deaf. Undergraduate students may take courses in this field and many choose to learn sign language.

STUDENT LIFE

An important element of the education at Western Maryland 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 Western Maryland students are reflected in the wide-ranging and continuously evolving selection of activities. There are more than 70 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. At Western Maryland, 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 Government

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 most policy-making College committees, serving with faculty members, administrative staff, and trustees in dealing with institutional concerns such as curriculum, academic policy, athletics, calendar, schedule, admissions, and financial aid. There are three student visitors to the Board of Trustees, two student representatives on most Trustee committees, and six students serve on the Trustee Committee on Student Affairs.

Also, each class at Western Maryland 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.

CAPBoard

CAPBoard, the College Activities Programming Board, sponsors various entertainment opportunities for WMC students. CAPBoard is a very active, student-governed organization, comprised of more than 70 members, subdivided into five committees. CAPBoard fulfills a vast array of students' entertainment interest. The areas are: Films, Mainstage (major performers, bands, and dances), Second Stage (comedians, duo and solo singers/musical performers), and Performing Arts (plays, theatre trips, music festivals). The fifth 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 WMC campus.

Publications and Media

Students interested in writing and publishing may work with three publications edited and published by students: *Phoenix*, the official student biweekly 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 UPLINK, a cable broadcast channel.

Cultural and Special Interest Organizations

There is a substantial number of organizations which offer students the opportunity to become knowledgeable and involved in a field of particular interest.

Examples of these are: Black Student Union, Cheerleaders, Commuter Students, Equestrian Club, Lesbian and Gay Alliance, Pom-Pon Squad, Ranger Platoon, and Sign Language Club.

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 Western Maryland's many musical, dramatic, and artistic activities. Musical organizations include the College 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

Several organizations are designed to expand the experiences of the WMC student and to encourage participation in community projects. The Black Student Union, and the International Relations Club work to enhance social interaction and understanding between people from diverse backgrounds. Several organizations work with elementary school children in Westminster, retarded citizens, and handicapped groups. There is an active Circle K organization.

Religious Life

Seven active student religious organizations on campus represent Catholic, Jewish, Protestant, 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. The Ecumenical Chapel Committee organizes various worship services. Students are also welcomed at the many houses of worship in Westminster. There is a meditation room in the lower level of Baker Memorial Chapel.

Reserve Officers' Training Corps

The Reserve Officers' Training Corps offers an academic military science program through which selected WMC students can qualify at graduation for commissions as officers in the United States Army. Through a cooperative program with the University of Maryland at College Park, Air Force ROTC is also available to WMC students. Additional information may be found under Military Science and Financial Aid.

Social Fraternities and Sororities

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

Approximately a fifth of the students join the Greek letter social organizations. Students with at least a 2.0 average are eligible beginning in their sophomore 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. Western Maryland College prohibits hazing either on College property or off campus by any College organization.

Athletics

Western Maryland 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 Physical Education Learning 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
- 9-hole Golf course
- 6 outdoor Tennis courts (2¹/₂ indoor)
- Volleyball courts
- Basketball courts
- Track
- Gymnasium
- Cross-country trail
- Baseball field
- Badminton
- Stadium
- Squash court
- Raquetball
- 2 Saunas
- Fitness center
- Fencing room
- Dance studio
- Table tennis
- Rappelling facility
- 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, track, and wrestling. Teams for women include basketball, cross-country, field hockey, lacrosse, soccer, softball, swimming, tennis, track, and volleyball.

Western Maryland is a member of the National Collegiate Athletic Association and competes at the Division III level. WMC competes in the all-sports Centennial Conference, a group of 11 national liberal arts colleges and universities which include Dickinson College, Franklin and Marshall College, Gettysburg College, Johns Hopkins University, Muhlenberg College, Swarthmore College, Ursinus College, Haverford College, Washington College, and Bryn Mawr College. 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 35 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 40 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 over a score of colleges and universities within 70 miles.

STUDENT SERVICES

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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 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 on study floors where extended quiet study hours are enforced. 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 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 have a telephone.

Resident Staff

There is a Resident Assistant (RA) assigned to cover areas of residence halls. 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.

Resident Assistants are directly supervised by a professional Residence Life Coordinator. The Director of Residence Life, Assistant Directors of Residence Life, and Residence Life Coordinators are responsible for both the day-to-day operations of the residence halls and handling whatever special student needs that may arise.

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 85 percent of the undergraduate students live in the residence halls, commuting students are a welcome and growing part of the Western Maryland 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, page 21; 41.)

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 being assigned 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 at Harvey Stone Park. 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 in Memorial Plaza.

Food 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 Corporation, and menus include many alternate selections for the diet conscious. Commuting students, parents, and visitors are welcomed 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 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 coordinated by a registered nurse; the College physician visits the Center daily during the week. There are no overnight accommodations.

More comprehensive and specialized care is available at Carroll County General Hospital in Westminster. Students who choose to go to a hospital are responsible for payment for all services at the hospital, including emergency room treatment. 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, Western Maryland 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 you as a 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: VISIONS, a computerized career decision-making system; 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

Western Maryland maintains several services for the convenience of students and faculty in Decker College Center. An Automatic Teller Machine (ATM) provides services for those holding accounts with Carroll County 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

Western Maryland 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 350 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

Western Maryland 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. Western Maryland 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 Western Maryland College can be found in the College's various publications.

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

Western Maryland College

2 College Hill

Westminster, Maryland 21157-4390

or by phoning 410/857-2230,

or toll free 1-800/638-5005,

or by faxing 410/857-2757 or through

Admissions E-mail: admissio@ns1.wmc.car.md.us.

Personal interviews and campus tours are available Monday through Friday from 9:00 a.m. to 4:00 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.

Western Maryland College recommends that high school programs include four years of English, three years of social studies, three years of a foreign language, two years of work in laboratory sciences (biology and chemistry), 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

Western Maryland 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;

- Secondary school class rank and the level of academic competition in the applicant's program;
- 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. Those who wait until their senior year should take the test early in the fall. High school counselors can advise students about the dates, times, and locations for these tests. The WMC Code is 5898.

The Application Process

A complete application for admission to Western Maryland College consists of the application form, official secondary school and college (if any) transcripts, official scores from the SAT or ACT tests, recommendations, and a \$30 nonrefundable application fee. Deadlines for receiving completed applications are December 1 for Early Decision, February 1 for Academic Scholarship consideration, and March 15 for regular admission. Early Decision applicants will be notified by December 15; all other applicants for the entering class will be notified beginning on March 1. Applications from transfer students will be accepted through the summer. Complete applications along with a \$30 nonrefundable application fee, should be sent to:

The Office of Admissions
Western Maryland College
2 College Hill
Westminster, Maryland 21157-4390

Applications will also be accepted over the Internet.

Western Maryland 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.

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

Early Decision

Applicants with strong credentials who are certain in their choice of Western Maryland College may apply to the College for Early Decision.

Candidates for Early Decision must submit a completed application by December 1; they will be notified of the admission decision by December 15. **These candidates must agree to apply for Early Decision at Western Maryland College only, and must enroll if accepted. All applications to other colleges must be withdrawn upon acceptance.** Candidates who do not receive Early Decision may be considered when regular admission decisions are made.

Transfer Application

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

To transfer to Western Maryland College, students should:

- submit a completed application along with the \$30 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.

Applications are accepted up to 30 days prior to the start of each semester.

Nontraditional Students

Western Maryland College encourages applications from adults who have not begun or who have interrupted their college educations. They may enter Western Maryland 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

Western Maryland College has enrolled international students since 1890. The College continues an active commitment to the broadest educational and social experience particularly in bringing together students from diverse cultures. Western Maryland College invites and welcomes international students to 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 550 accepted), and results from any and all secondary school, university, and national examinations; copies of diplomas and certificates are also required. International students must also submit a Certificate of Finances form. A limited number of scholarships is available to qualified international students.

The Budapest Program

In October 1993, Western Maryland College in Westminster, Maryland, U.S.A., established a branch in Budapest, Hungary. This special program will educate young men and women from eastern and central 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, WMC-Budapest, in cooperation with College International Budapest and International Studies, Inc., offers a four-year undergraduate program in business administration and economics 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 will fulfill 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.

Students accepted into the WMC-Budapest business administration and economics program spend two years in Budapest and two years at Western Maryland's home campus in the United States. The initial two years in Budapest feature Western Maryland courses taught in English by highly experienced faculty who have lectured both in the United States and Europe. Successful completion of the entire four-year program will result in the awarding of a B.A. degree with a major in business administration and/or economics from Western Maryland College.

The Honors Program

Western Maryland College's Honors Program features specially designed courses each semester from freshman through junior year and a senior seminar. Honors students 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 Western Maryland College Honors Program should be addressed to the Admissions Office or to the Director of the Honors Program.

Advanced Standing and Placement

Western Maryland 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 Western Maryland 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, Western Maryland 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

Western Maryland 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

Western Maryland 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 Academic Skills Center/504 Office provides services to students with disabilities enrolled at Western Maryland 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.

Students with disabilities usually self-identify during the admissions process. The information that is reviewed includes high school transcripts, SAT scores, educational testing, psychological testing, and personal interviews. The educational testing 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. For information, contact the Coordinator of 504 Services at 410/857-2504 or the Office of Admissions.

FINANCIAL AID

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Western Maryland 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 75 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 presently 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 scholarships, grants, loans, and opportunities for student employment. Frequently an award is a "package" of these four resources 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 if you are eligible for financial aid, you 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. FAFSAs are available at secondary school guidance offices and from the Western Maryland College Financial Aid Office. In addition, students must submit a Western Maryland College Financial 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). The Western Maryland College

Financial Aid Application should be submitted by March 15. Awards are generally announced after March 15. 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. Western Maryland 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 can change accordingly.

Academic Scholarships

Western Maryland College awards more than \$900,000 each year in scholarships to academically talented students. The renewable awards include scholarships which range in value amounts from \$2,000 to full tuition.

First-Year Students

In order to be eligible for the scholarship awards, the student must check off the Academic Scholarship box on the admission application, 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 Offices of Admissions or Financial Aid.

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. Transfer Scholarships are awarded on a competitive basis and preference is given to those students who apply before March 15th.

In order to renew the Academic Scholarships, a student must maintain a stipulated grade point average in their Western Maryland College course work.

College Grants

A substantial number of grants valued from \$100 to \$12,000 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 132.

Family Tuition Reduction Grant

Western Maryland offers families with more than one immediate family member at WMC 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 our undergraduate program. If more than two members attend WMC simultaneously, the tuition reduction will apply for each additional person.

Carroll County Grant

Western Maryland College offers residents of Carroll County who are enrolled full time a \$1,500 renewable tuition grant. In order to receive this grant, the student must be a resident of Carroll County at the time of application for admission to the College. The residence of a

dependent is determined by the residence of their custodial parent/guardian. A student does not have to demonstrate financial need in order to qualify. The grant 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 maximum \$2,000 renewable tuition scholarship. In order to receive this scholarship, students should 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

Western Maryland 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

Western Maryland College offers a maximum \$2,000 tuition scholarship to two 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 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. Every student interested in financial aid must apply for a Federal Pell Grant. Application is made by completing the FAFSA.

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. Applications may be obtained from high school guidance offices or the Western Maryland College Financial Aid Office. 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. A new borrower is someone whose enrollment period began on or after July 1, 1987, and who did not have an outstanding Federal Perkins Loan. For students who did have an outstanding Federal Perkins Loan on July 1, 1987, the grace period is six months.

The Federal Robert T. Stafford Student Loan Program (formerly called Guaranteed Student Loans) also makes low-interest loans available to students. A separate application is required for the Federal Stafford Loan and can be obtained at banks or credit unions. 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. For students who currently have a Federal Stafford Loan, the interest

rate on an additional Federal Stafford Loan will continue to be the same. For new borrowers, the interest rate is variable, but cannot exceed 8.25%. 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, Public Information, 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 Western Maryland 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 Western Maryland 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. These scholarships cover 80% of tuition, textbooks, laboratory fees, and other purely educational expenses, plus \$100 per month for up to ten months of each academic year. In addition, high school seniors receiving three- or four-year ROTC scholarships will receive a WMC grant which covers full room charges. This award is renewable annually, contingent on the student maintaining a minimum 2.50 cumulative grade point average. These scholarship recipients will be considered for a WMC scholarship for the remaining 20% tuition costs through the College admission application process. If successful, a 3.00 cumulative grade point average is required to maintain the 20% tuition scholarship each semester. 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 Western Maryland College through an agreement with the University of Maryland at College Park, MD. Western Maryland 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 \$100 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 or write to Air Force ROTC, Det. 330, Cole Fieldhouse, Room 2126, University of Maryland, College Park, MD 20742-1021.

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 Western Maryland College by the student.

Installment Plans

Western Maryland makes available an installment plan for convenience in paying college expenses; the College 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

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Western Maryland 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 success of this effort has been recognized by Edward B. Fiske, education editor of the *New York Times*: Western Maryland College is one of 220 colleges featured in Fiske's book *The Best Buys in College Education*, Times Books, 1987.

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 20 credits are billed \$300 for each credit hour over 20. 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 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 \$510 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 1/2 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 11, 1995, and the second by January 12, 1996. An additional charge (late payment penalty) of 1-1/2% 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 a Federal Stafford Loan or Federal Supplemental Loan are exempt from the late payment penalty provided a completed application is received by the Financial Aid Office at least two 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 made payable to Western Maryland College and 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 \$15 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 WMC Tuition Contract and the WMC Direct Payment Plan are available; there are also several commercial tuition payment plans. Information describing these plans is mailed to parents annually and may be obtained from the Bursar's Office upon request.

A schedule of tuition and fees follows:

Average Undergraduate Student Expenses

| College Year 1995-96 | Resident | Nonresident |
|--|--------------|--------------|
| Tuition per semester ¹ | \$ 7,650.00 | \$ 7,650.00 |
| Matriculation fee ² | \$ 300.00 | \$ 300.00 |
| Residence Halls/semester ³ | \$ 1,277.50 | |
| Residence Security Deposit ⁴ | \$ 100.00 | |
| Board/semester ⁵ | \$ 1,405.00 | |
| Average total/semester (includes tuition, room & board) | \$ 10,332.50 | \$ 7,650.00 |
| Average total/year | \$ 20,665.00 | \$ 15,300.00 |

¹Comprehensive fee. Students enrolled for more than 20 credit hours are billed an additional \$300 for each credit hour over 20. See tuition below.

²One-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.

³Two persons per room in campus residence halls.

⁴One-time deposit; returned when student leaves campus housing. See Section—"Residence Security Deposit."

⁵Board is optional to residents of Garden Apartments, Pennsylvania Avenue houses, and commuters. Represents cost for 17 meals per week. 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 | \$300.00 | |
| Music fee (private lessons) | \$100.00/1/2 hr. \$200.00/hr. | |
| Physical Education fees: | | |
| Bowling | \$ 28.00 | |
| Skiing | \$ 95.00 no rental \$135.00 full rental | |
| Racquetball | \$ 13.50 | |
| Wallyball | \$ 13.50 | |
| Late Registration fee | \$ 25.00 | |
| Transcript fee | \$ 3.00 (per copy) | |
| Parking Registration fee | | \$30.00 |
| ID Replacement fee | \$ 10.00 (each replacement) | |
| Post Office Key Replacement fee | \$ 10.00 (each replacement) | |
| Yearbook | | \$32.00 |
| Photography Class fee | \$ 35.00 | |
| Ceramics fee | \$ 25.00 | |
| Liberations Class fee | \$ 25.00 | |
| Audit Tuition rate (1/2 of regular credit hour) | \$255.00 | |

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:

Residence Halls

| | |
|-------------|------------|
| double..... | \$1,277.50 |
| single..... | \$1,440.00 |

Garden Apartments

| | |
|-------------|------------|
| double..... | \$1,477.50 |
| single..... | \$1,640.00 |

Pennsylvania Avenue Houses

| | |
|-------------|------------|
| double..... | \$1,440.00 |
| single..... | \$1,602.50 |

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

Several meal plan options are available to resident and commuter students. Students living in the residence halls must select the 20, 17, or the 15 Meal Plan; however, freshmen may only choose the 20 or 17 Meal Plan. Students failing to declare a meal plan option will be placed on the 17 Meal Plan. To change meal plan options, students may submit the application located in the *Allcard Dining Plans* brochure. Residents of the Garden Apartments and Pennsylvania Avenue houses and commuters may select any meal plan option by submitting the application in the *Allcard Dining Plans* brochure.

Students with meal plans have their ID cards activated as *Allcard* debit accounts. Commuter students also have debit card capabilities. Please refer to the *Allcard Dining Plans* brochure for more information. 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 ID cards of ALL students have vending debit card capabilities for the soda and snack machines, washers, dryers, and the Hoover Library copier. Please refer to the *Allcard Dining Plan* and Vending brochures for more information. The meal plans and the semester costs for 1995-96 are as follows:

WMC Meal Plans include *Allcard* Debit Account Dollars and Dining Hall Guest Meal Passes at 50% of the Normal Door Charge.

20 Meal Plan—\$1,455.00 per semester. Breakfast, Lunch, and Dinner, Monday through Friday. Continental Breakfast, Brunch, and Dinner on weekends, plus activates \$50.00 in Debit Account and entitles 5 guests to dine in Englar Dining Hall for 1/2 price.

17 Meal Plan—\$1,405.00 per semester. Offers any 17 meals served, plus \$50.00 in Debit Account and entitles 4 guests to dine in Englar Dining Hall for 1/2 price.

15 Meal Plan—\$1,365.00 per semester. Offers any 15 meals served, plus activates \$50.00 in Debit Account and entitles 3 guests to dine in Englar Dining Hall for 1/2 price.

10 Meal Plan—\$930.00 per semester. Offers any 10 meals served, plus activates \$50.00 in Debit Account and entitles 2 guests to dine in Englar Dining Hall for 1/2 price.

5 Meal Plan—\$490.00 per semester. Offers any 5 meals served, plus activates \$50.00 in Debit Account and entitles 1 guest to dine in Englar Dining Hall for 1/2 price.

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

Health Insurance Fees

A Student Health Insurance fee of approximately \$275 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 PROGRAMS

Western Maryland 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 Bachelors of Arts degree allow students to acquire the skills and body of knowledge 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. They include the structured flexibility of the College's Basic Liberal Arts Requirements, and academic majors, dual majors, minors, pre-professional programs, and student designed majors. 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.

Requirements for the Bachelor of Arts Degree

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

1. Completion of at least 128 credit hours, the last 32 of which must be taken at Western Maryland. (The 32 hour WMC requirement does not include student teaching for the Education minor.) The 128 credit hours are distributed among major requirements, basic liberal arts subjects, at least one January Term course, and electives.
 2. Completion of the Basic Liberal Arts Requirements and competence requirements as outlined below.
 3. Completion of at least one of the academic majors offered by the College with an overall 2.00 GPA in the major.
 4. Completion of at least one January Term.
 5. A grade point average of 2.00 ("C") or above in all work taken at Western Maryland.
- (See Grades and Educational Records on pages 45).

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 Office of the Registrar 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 to meet basic liberal arts requirements under the Credit-Fail option.

A. Heritage Sequence (HS)

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

- HISTORY OF WESTERN ART I and II (Art History 1113 and 1114);
- GREAT WORKS OF THE WESTERN WORLD I and II (Comparative Literature 2219 and 2220);
- HISTORY OF SCIENTIFIC THOUGHT I: Ancient to 1500 AD and HISTORY OF SCIENTIFIC THOUGHT II: 1500 AD to Present (General Science 2203 and 2204);
- WESTERN CIVILIZATION, Origins to 1700, and WESTERN CIVILIZATION, 1700 to the Present (History 1105 and 1106);
- WOMEN IN WESTERN CULTURE I and II (Interdisciplinary Studies 1107 and 1108);
- MUSIC OF THE WESTERN WORLD I and II (Music 2203 and 2204);
- HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY and HISTORY OF MODERN PHILOSOPHY (Philosophy 1113 and 1114);
- CLASSICAL POLITICAL THOUGHT and MODERN POLITICAL THOUGHT (Political Science and International Studies 2221 and 2222);
- THEATRE OF THE WESTERN WORLD I and II (Theatre Arts/Comparative Literature 2225 and 2226).

B. Distribution Requirements

Distribution requirements may be satisfied or reduced by scores on Advanced Placement (AP), or College Level Examination Program (CLEP) tests, or "A" level exams. These results will be determined on an individual basis by the Office of the Registrar and will be made known to the student and his/her adviser prior to registration for the first semester.

The designations for courses which satisfy the various Distribution and Competency requirements can be found in the Courses of Instruction section of this *Undergraduate Catalog* and in the *Courses of Instruction Booklet*, available from the Office of the Registrar prior to the enrollment period for each semester.

Foreign Language (FL)

One or two courses of college level instruction in a foreign language. Those students who have taken fewer than three years of a foreign language or who wish to begin a new language are required to take two courses, unless their performance on the foreign language department's placement test places them above the 1101 course in that language. Those students with three or more years of a language, and who wish to continue in that language, are required to take one course, based on placement, at the 1102 level or higher.

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

Global Awareness (GA)

All cross cultural studies courses fulfill this requirement as does any other course so designated by the faculty. Global Awareness courses are indicated in the catalog.

Courses designated as fulfilling the Foreign Language (FL), Humanities (HU), Literature and Fine Arts (LFA), and Social Science (SS) requirements, and which are cross-listed as Global Awareness (GA) courses, may be used to satisfy BOTH the Global Awareness Requirement AND all or part of the other distribution requirement.

Humanities (HU)

Two courses, from different categories, among the following: American Studies; Classics; Communication History or Theory; History; Philosophy; Religious Studies; and Women's Studies.

The completion of any one of the Heritage Sequences HIS 1105, 1106; IDS 1107, 1108; or PHI 1113, 1114 TOTALLY satisfies the Humanities requirement.

Literature and Fine Arts (LFA)

Two courses, from different categories, among the following: Art History; Literature (American, British, Comparative, French, German, Latin, and Spanish, and EPE 3345); Music History or Appreciation; and Theatre Arts History or Appreciation.

The completion of any one of the Heritage Sequences AH 1113, 1114; CL 2219, 2220; MUS 2203, 2204; or THE/CL 2225, 2226 TOTALLY satisfies the Literature and Fine Arts requirement.

Natural Science (NS and NSL)

Two courses, from different categories, among the following: Biology; Chemistry; General Science; Physics; and EPE 2230 and 3325. At least one course must have a lab component (NSL).

The completion of the Heritage Sequence GS 2203, 2204 satisfies the NON-LAB (NS) portion of this requirement.

Quantitative Analysis (QA)

One course from Mathematics (except for MA 1141), Statistics, or Psychology 2224.

Social Sciences (SS)

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

The completion of the Heritage Sequence PSI 2221, 2222 TOTALLY satisfies the Social Science requirement.

C. Competence Requirements

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 departmentally administered writing exam. 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) 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) 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 Western Maryland 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 0001-0055 and EPE 1101-1155) and (PES) skill (EPE 0066-0099 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 proficiency 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.

Students who wish to modify or reduce the proficiency requirement because of age or physical limitations must obtain the approval of the Exercise Science and Physical Education Department Chairperson.

Mathematics

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

Beginning with the Fall, 1995, semester, students will have two methods to satisfy this requirement.

1. The College will continue to administer 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 will also receive placement into various mathematics courses and will be 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 (MA 0001) and Basic Algebra (MA 0002), 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.

Majors

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
Theatre Arts

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 discipline may be counted toward the 128 hours required for graduation. A student must have a 2.00 or better average (on a 4.00 scale) in courses required for the major. A description of each major is given in the Courses of Instruction section of this *Undergraduate Catalog*, with additional information available in the *Guidance Bulletin*, available from the Office of the Registrar.

In addition to the basic major, many departments offer additional programs that involve particular courses to help students focus on or achieve specific goals. Consult the *Guidance Bulletin* for further information.

Dual Majors

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—Economics

Chemistry

Chemistry—Biology (Biochemistry)

Chemistry—Exercise Science and
Physical Education

Communication

Communication—Art

Communication—English

Communication—Theatre Arts

Computer Science

Computer Science—Mathematics

Economics

Economics—Business Administration

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

Foreign Languages

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—Computer Science
 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

Religious Studies

Religious Studies—Philosophy

Theatre Arts

Theatre Arts—Communication
 Theatre Arts—English
 Theatre Arts—Music (Musical Theatre)

Student-Designed Major

A student-designed major is an option for students whose academic interests cannot be served by an existing program. It provides for those students an opportunity to investigate several branches of knowledge in some depth. Such a program is designed by the student, with the help of a faculty adviser, to attain his/her particular goals and must be as comprehensive, as well-integrated, and as far-reaching in some discipline of thought as a conventional major. The initial proposal should be submitted to the Curriculum Committee in the sophomore year. More detailed instructions for student-designed majors can be found in the *Guidance Bulletin*. The necessary forms are available in the Office of the Registrar.

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. Additional information and requirements for the various minor programs appear in the *Guidance Bulletin*.

Minors

Accounting
 American History
 Art History
 Athletic Training
 Biology
 Business Administration
 Chemistry
 Classical Civilizations
 Communication
 Comparative Literature
 Computer Science
 Cross Cultural Studies
 Economics
 Elementary Education
 English Literature
 European History
 French
 German
 International Relations
 Journalism
 Mathematics
 Music
 Outdoor Education
 Philosophy

Physics
 Political Science
 Psychology
 Religious Studies
 Secondary Education
 Sociology
 Spanish
 Sports Coaching
 Sports Communication
 Studio Art
 Theatre Arts
 Writing
 Women's Studies

Student-Designed Minors

A student-designed minor is also an option for students. Such a program is designed by the student, with the help of a faculty adviser to attain his/her particular goals and must be as comprehensive, as well-integrated, and as far-reaching in some discipline of thought as a conventional minor. More detailed instructions for student-designed minors can be found in the *Guidance Bulletin*. The necessary forms are available in the Office of the Registrar.

Pre-Professional Studies and Cooperative Programs

Students who have received early admission to graduate or professional schools may petition Western Maryland 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 Western Maryland 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 WMC and in the graduate or professional school to equal the 128 credit hours required for Western Maryland College 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 Western Maryland has offered pre-professional education, and graduates of the College 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 Western Maryland 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-forestry studies
 Pre-legal studies
 Pre-medical and health professions studies
 Pre-ministerial studies
 Pre-museum 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 Western Maryland 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 5-year program qualifies the student to receive both the Bachelor of Arts degree from Western Maryland and the Bachelor of Science degree in Engineering from the engineering school.

Pre-Forestry Studies

Coordinator: Dr. Esther Iglich, Biology

Western Maryland College participates in a cooperative program with the School of Forestry and Environmental Studies at Duke University.

Through this 5-year program, students can earn both a bachelor's degree from Western Maryland and a master's degree from Duke. Students spend their first three years at WMC in a program which includes fulfillment of the basic liberal arts requirements, major requirements, the prerequisites for admission to Duke, and electives.

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.

Pre-Medical and Health Professions

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

Coordinators: Dr. Michael Brown, Biology, and Dr. Carol Rouzer, Chemistry

Since 1874 men and women graduates of Western Maryland 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.

Pre-Ministerial Studies

Coordinator: Dr. Gregory Alles, Philosophy and Religious Studies

Students considering the ministry as a profession should consult with their religious bodies to determine precisely what educational preparation is required. Most religious bodies, but not all, will require special professional education after the B.A. 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: Dr. Julie Badiec, 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.

Teaching Certification

Coordinator: Ms. Leslie Simpson, Education

Students who minor in education at Western Maryland College receive certification in either elementary education or one of the following secondary education fields: art, biology, chemistry, English, French, German, mathematics, music, physical education, physics, social studies, and Spanish. The Exercise Science and Physical Education program also offers a K-12 certification option.

Students should select a college major which is compatible with their teaching interests.

Maryland certification includes certification reciprocity with over 35 other states.

Students who desire certification to teach should contact the Education Department as early as possible for assistance in planning their programs. A minimum overall GPA of 2.50 and an interview are required for acceptance into the student

teaching semester. A state qualifying score on the Core Battery, Professional Knowledge, and Specialty Area Tests (subject or level) of the National Teacher Exam (NTE) is also a program and state requirement.

Although work should be planned so that one semester of the senior year may be kept entirely free for student teaching, many students delay this experience until after their graduation. Teacher certification is addressed in detail in the *Guidance Bulletin*.

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.

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.

January Term

The January Term has been an important part of the Western Maryland College curriculum since 1969 and provides both students and faculty with an unusual educational experience. Breadth and depth, while vital components of a liberal education, should not constitute the only objectives of students or of faculty members 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 takes several directions. For some students it is the opportunity to pursue independently, in an organized and guided way, projects or areas of study which 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. For students interested in travel, it is a fine opportunity to join others in a study tour. For all, it is a period of concentrated study normally beyond the range of the more conventional course experiences. This flexibility and experimentation in learning, which is the special feature of the January Term, will thus supplement and enrich the pattern of course work in the two regular semesters.

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.

Students are required to complete one January Term program successfully and may choose to participate in additional January Terms for nominal tuition.

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

Independent Studies

Independent studies courses 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. Students must apply for independent studies on forms available in the Office of the Registrar. 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.

Gallaudet Visiting Student Program

One semester of study is available to juniors and seniors. The grades and credit hours received at Gallaudet are recorded on the Western Maryland College transcript. Residency on the Gallaudet campus is optional.

Contact: WMC, Academic Affairs, Dean Barbara Disharoon, for inquiries.

Gallaudet University, Office of Admissions, Visiting Student Adviser, Karen Cook, at 202-651-5355 for application forms and to inquire about the application and admissions fees.

WMC, Office of Financial Aid and Bursar's Office to complete appropriate forms for available aid.

WMC, Office of the Registrar, for transfer of courses.

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. Students may apply for internships on forms available in the Office of the Registrar.

No more than twelve credit hours of internships may be counted toward the 128 credit hours required for graduation.

Undergraduates enrolling in Graduate Courses

Second semester seniors at WMC may apply to the Provost to enroll in a graduate course if they have a 3.20 grade point average. A maximum of two courses may be taken. These courses will count toward the student's undergraduate degree.

Special Off-Campus Semester Programs

Western Maryland 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.

WMC 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. WMC-Budapest, in cooperation with College International Budapest and International Studies, Inc., offers a four-year undergraduate program in Business Administration and/or Economics, leading to a Bachelor of Arts degree. Students accepted into the WMC-Budapest Business Administration and Economics program spend two years in Budapest and two years at Western Maryland's home 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 B.A. degree with a major in Business Administration and/or Economics from Western Maryland College.

Studying Abroad

Every year a number of Western Maryland College students choose to study abroad. Western Maryland has entered into formal association with several colleges and programs (see the Courses of Instruction section of this Catalog). Many other options for world-wide 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. Study abroad information is available from the program coordinator, Dr. Motard-Noar, Foreign Languages.

Continuing Education

Western Maryland 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 than do first year students who enroll directly after high school. 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 Western Maryland 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 Western Maryland; 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 Western Maryland. The College's 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.

Western Maryland College Honors Program

Students with outstanding academic records and standardized test scores are invited to apply for the WMC 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 America. Its major goal is to support, foster, and recognize the excellence of liberal arts scholarship in the institutions of higher education in America. There are presently 249 chapters in the United States; the Delta of Maryland Chapter at Western Maryland College was established in 1980. The chapter is sheltered by the College and consists of the faculty and staff members who are members of the Society. These members carry on the business of the chapter and elect the student members each year.

Student members are elected in the second semester of their senior year primarily on the basis of broad cultural interests, scholarly achievement, and good character. Eligible students must present a program including not less than 96 credit hours of liberal studies among the 128 or more credit hours required for the bachelor's degree. In addition, they must have completed at least three full semesters of work (48 credit hours) in residence at Western Maryland College and be fully registered, as a full time student, for the fourth semester. They must have obtained the minimum average grade point (at Western Maryland College) specified by the chapter. While this varies slightly from year to year, usually it is 3.5.

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. Applied and professional work shall be understood to include all training intended to develop skill or vocational techniques; this work often leads to licensure or certification. Such courses generally are taken by students who are preparing for a specific type of job. Examples of such courses would be those in business administration, accounting, education, journalism, library science, military science, applied physical education, speech, applied art, applied music, social work, applied communication, and computer science.

Weight shall be given to the breadth of the program of each candidate as shown by the number and variety of courses taken outside of the major. Weight will also be given to the balance and proportion of the liberal arts in the student's degree program as a whole. Students shall also have demonstrated knowledge of mathematics and of a foreign language at least to the level of the basic liberal arts requirement for the Western Maryland College bachelor's degree. The students' character and campus citizenship will be certified by the Office of Student Affairs.

Students who complete their college studies at the end of the summer session, at the end of December, or at the end of January Term shall be considered for membership during the following Spring.

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. No right to election shall adhere to any student solely by reason of fulfillment of the minimum grade point average for election to "membership in course," and no reason need be given for non-election.

Honor Societies

In addition to Phi Beta Kappa, there are thirteen other honorary societies on campus. Two 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), Omicron Delta Epsilon (Economics), 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), Phi Sigma Alpha (Political Science), Psi Chi (Psychology), Pi Gamma Mu (Social Sciences), and Alpha Psi Omega (Theatre Arts).

Dean's List

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

- Highest honors, requiring a semester grade point average of 3.80-4.00.
- 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 Western Maryland College or affiliated programs such as overseas programs, the Washington Semester, the U.N. Semester, the Appalachian Semester, the Drew Semester in Brussels, and courses taken at WMC-Budapest.

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 3.20 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.

ACADEMIC REGULATIONS

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For a full discussion of academic regulations and procedures, including information on academic loads, change of courses, change of academic advisers, minimum scholastic requirements, class absences, residence requirements, and related topics, please see the *Student Guide and Datebook* and the *Guidance Bulletin*.

Grades and Educational Records

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

Grading System

The scholastic standing of students is indicated by a system of grades designated by the letters A, B, C, D, F, CR, NR, and I. Plus and minus grades (e.g., an A- or a B+) may be assigned and will appear on the student's transcript. They do not, however, affect a student's grade point average (e.g., an A- is considered an A for calculating grade point average).

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 and Standards Committee. If the work for which the incomplete was granted is not finished, the instructor will determine the grade for the course. The granting of an incomplete is not an option for graduating seniors in their final semester.

NR (not reported grades) are 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.

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. 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 regular grade prior to the end of the semester. Courses taken Credit-Fail will not count toward a major or minor, nor satisfy basic liberal arts requirements. Some internships and January Term courses are also graded on a Credit-Fail basis for all students.

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, now changed to an R, will no longer be used to determine the grade point average. If a student repeats a course previously passed, he or she will not gain any new hours toward graduation. If the second passing grade is higher than the first, it will be used to determine the grade point average. If it is not higher, then the first grade will continue to be used. The grade not used will be listed as an R. In either case, there is no limit to the number of repeat courses a student may take.

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 4-point scale: A = 4; B = 3; C = 2; D = 1; F = 0. 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 grade point average for one semester is calculated by dividing the total quality points achieved by the number of credit hours in attempted regularly 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. $(4 \times 4) + (4 \times 3) + (8 \times 2) = 44 \div 16 = 2.75$.

Similarly, an overall GPA for all work attempted at Western Maryland is calculated by dividing the total number of quality points earned by the total number of credit hours attempted. Transfer credit, AP credit, CLEP credit, and "credit" grades are not calculated in the College's GPA.

To maintain class standing, students must complete successfully the normal program of credit hours with at least a 2.00, or C, average. Any stu-

dent's record whose cumulative grade point average is less than 2.0 will be reviewed by the Admissions 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 below its title in the section on Courses of Instruction.

Satisfactory Progress Standards (Academic)

At Western Maryland College, a student must successfully complete at least 75% of credit hours attempted, earn the required total credits, and maintain the required GPA for the semesters listed below:

| Number of Semesters | GPA | Credits Earned |
|---------------------|------------|----------------|
| 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 |

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

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. Students may elect to switch from audit to credit prior to the withdrawal date listed in the *Courses of Instruction Booklet*. 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. For further details on Audits, see the *Student Guide and Datebook* and *Courses of Instruction Booklet*.

Withdrawal

A student may withdraw from a course and receive a grade of "W" before the deadline specified for that term in the *Catalog, Courses of Instruction Booklet, 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" or "I" may be permitted provided the student's work was satisfactory ("C" or better) at the time of withdrawal. 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.

Academic records are reviewed each semester by the Committee on Admissions and Standards. A student may be dropped from the College when his/her scholarship record is so low as to justify such action. See the *Student Guide and Datebook* for more information.

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. Western Maryland College assumes an implicit and justifiable trust as custodian of these records. Access to and release of student records are determined by WMC 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 Western Maryland 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 Office of the Registrar. 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*.

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, you 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 can be taken for variable credit (applied music lessons, independent studies, internships, etc.) or which can be repeated for credit are so indicated.

Courses required for major, dual major, and minor programs are stated in full in the *Guidance Bulletin* published annually and available in the Office of the Registrar.

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

Art and Art History

Professors Badiee and Palijczuk; Associate Professor Bloom (Department Chair); Assistant Professor Losch; Lecturers Hankins and Van Hart.

Areas of particular teaching interest:

Professor Badiee: art history with emphasis on both Western and non-Western traditions; Professor Palijczuk: drawing, watercolor, life drawing, painting, sculpture, printmaking; Professor Bloom: drawing, photography, graphic design, computer graphics; Professor Losch: European art history, history of photography; Lecturer Hankins: ceramics; Lecturer Van Hart: jewelry, design.

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 five basic approaches to the art major: graphic design, art history, pre-museum studies, studio art, and combined studio art and art history. See *Guidance Bulletin* for details. The following combined studio art and art history program illustrates one of these approaches.

COMBINED STUDIO ART AND ART HISTORY MAJOR:

Basic Major:

Required Courses:

Art 1101, 1117, Art History 1113, 1114, 2240, and twenty additional hours of studio art and/or art history.

Other Educational Options in Art:

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

Studio Art

Studio Art courses do not fulfill the Literature and Fine Arts 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. *Prerequisite:* 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. *Prerequisite:* permission of the instructor.

2214 JEWELRY

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.

Prerequisites: 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.

Prerequisite: Art 1101, or permission of the instructor.

3310 WATERCOLOR
4 credits

Experimentation with at least ten different techniques of watercolor painting.

Prerequisite: 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.

Prerequisites: Art 1101, 1117, 2216.

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

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 1500 B.C. to 1400 A.D. Included are Near Eastern, Egyptian, Greek, Roman, and Medieval Art. *Heritage Sequence, Literature and Fine Arts.*

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, Literature and Fine Arts.*

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.

Offered in 1995-1996 and alternate years.
Humanities, Literature and Fine Arts.
Cross listed with History 2207.

2213 HISTORY OF PHOTOGRAPHY
4 credits

A survey of the history of photography from its discovery in 1839 to the present day. Old processes such as daguerreotype, albumin, and tintype are discussed as well as new technological trends toward magnetic media. Much emphasis will be placed upon the relationship between painting and photography. Students are also encouraged to develop their abilities to analyze their own visual environment and to understand how photography has been both a chronicler and shaper of the modern world.

Literature and Fine Arts.

2222 ART OF THE MEDIEVAL WORLD
4 credits

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

Literature and Fine Arts.

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.

Literature and Fine Arts.

2229 ARTS OF INDIA, CHINA, AND JAPAN
4 credits

The development of painting, sculpture, and architecture in India, China, and Japan.

Offered in 1996-1997 and alternate years.

Global Awareness, Literature and Fine Arts.

Cross listed with Cross Cultural Studies 2229.

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.

Offered in 1995-1996 and alternate years.

Literature and Fine Arts.

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.

Offered in 1995-1996 and alternate years.

Literature and Fine Arts.

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.

Offered in 1995-1996 and alternate years.

Literature and Fine Arts.

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.

Literature and Fine Arts.

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.

Offered in 1995-1996 and alternate years.

Global Awareness, Literature and Fine Arts.

Cross listed with Cross Cultural Studies 2242.

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 Awareness, Humanities, Literature and Fine Arts.

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

4492 SEMINAR IN ART HISTORY
4 credits

Prerequisites: Art History 1113, 1114, 2240

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 (Department Chair), Brown, Iglich, Long, and Paquin; Lecturer Schmall

Areas of particular teaching interest:

Professor Alspach: comparative physiology of vertebrates and invertebrates, marine biology, physiological ecology; Professor Brown: microbiology; Professor Iglich: ecology, evolution, botany; Professor Long: developmental biology, evolution; Professor Paquin: genetics (human and molecular), cytogenetics, immunology, bioethics.

Biology offers a major that provides the essential background for students who wish to pursue graduate or professional studies 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.

Basic Major:

Required Courses:

Biology 1111, 1112; Chemistry 1103, 1104, 2217. One course from Biology 2203, 2210, 3311, 3366; one course from Biology 3309, 3316, 3323, 3324; one course from Biology 2204, 2205, 3307; one course from Biology 2209, 2217, 3321, 3334; one course from Biology 2220, 2222. Three additional Biology courses chosen from at least two groups; at least four courses must be laboratory courses.

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). Additionally, the department offers a 3-2 program with the Duke University School of Forestry and Environmental Studies, and a 3-2 program in biomedical engineering with Washington University (St. Louis).

1111, 1112 PRINCIPLES OF BIOLOGY I, II **4, 4 credits**

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. 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.

Courses include laboratory.

Prerequisites, Biology 1111, Mathematics 0001 or 0003 for Biology 1112.

Natural Science with Laboratory.

1115 GENETICS, EVOLUTION, AND SOCIETY **4 credits**

Human genetics and evolution for the non-science major. 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.

Prerequisite, Mathematics 0001 or 0003.

Natural Science.

1118 HUMAN BIOLOGY **4 credits**

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

Course includes laboratory.

Natural Science with Laboratory.

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 (the molecular, cellular, organismal, and population) and in a variety of cells and organisms is included.

Prerequisite, Biology 1112, Mathematics 0001 or 0003, Mathematics 0002 or 0004.

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, Mathematics 0001 or 0003, Mathematics 0002 or 0004.

2205 INVERTEBRATE ZOOLOGY**4 credits**

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

Course includes laboratory.

Prerequisite, Biology 1112, Mathematics 0001 or 0003, Mathematics 0002 or 0004.

2209 ENVIRONMENTAL HEALTH**4 credits**

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

Optional laboratory: Biology 2220.

Prerequisite, Biology 1112;

Pre- or co-requisite, Chemistry 1103.

2210 CELL BIOLOGY**4 credits**

The structure and function of cells with emphasis on energetics, transport processes, biosynthesis, and cellular dynamics.

Prerequisite, Biology 1112;

Pre- or co-requisite, Chemistry 1103.

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.

Prerequisite, Biology 1111, Chemistry 1103 or 1121.

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.

Prerequisite, Biology 1112, Mathematics 0001 or 0003, Mathematics 0002 or 0004.

2220 ENVIRONMENTAL LABORATORY**2 credits**

Ecologically- or environmentally-oriented research teams will explore a series of questions which require sequential water, air, and soil analyses, population sampling, and computer modelling.

Pre- or co-requisite, Biology 2209 or 2217.

2222 MOLECULAR BIOLOGY LABORATORY**2 credits**

Principles and applications of recombinant DNA experiments including construction and purification of recombinant DNA, southern hybridization, construction of a genomic library, the polymerase chain reaction, DNA fingerprinting, and restriction mapping.

Prerequisite, Biology 2203, Chemistry 1104.

2250 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 requirement.

Cross listed with Philosophy 2250.

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 1104.

3309 ADVANCED GENETICS - HUMAN**4 credits**

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

Prerequisite, Biology 2203.

3311 ADVANCED GENETICS - MOLECULAR**4 credits**

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

Prerequisite, Biology 2203.

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 1104.

3321 EVOLUTION**4 credits**

The evidences, 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.

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 2210.

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 0001 or 0003, Mathematics 0002 or 0004.

3334 MARINE BIOLOGY**4 credits**

A study of organisms inhabiting marine and estuarine environments to include structural and functional adaptations to these ecological regions. Emphasis will be placed on ecological principles of marine organisms.

Course includes laboratory.

Prerequisites, Biology 2217, Chemistry 1103;

Pre- or co-requisite, Chemistry 1104.

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 Law (Department Chair), Claycombe, J. Olsh and Seidel; Associate Professors Milstein and Singer; Lecturers Carter and Willis.

Areas of particular teaching interest:

Professor Law: international economics, macroeconomics; Professor Claycombe: industrial organization, managerial economics; Professor Olsh: microeconomics, history of economic thought; Professor Seidel: money and banking; Professor Milstein: intermediate and cost accounting; Professor Singer: accounting and taxation.

Students major in this department 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).

Basic Major:

Required courses:

Business Administration 1101, 1102; Economics 2201, 3303, 3320; Statistics 2215, 2216; four hours of mathematics; four hours from Economics 3304, 3310, 3319, 3326, 3327; four hours from Business Administration 2201, 2209, 2213, 2215, 3323, 3324; four hours from Business Administration 2205, 2214, 2220, 3305, 3325; four hours from English 1105, 2208, 2212 or Communication 1110.

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.

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 information 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 the purposes of decision-making, cost control, and managerial planning.

Prerequisite: Mathematics 0001 or 0003.

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.

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.

Offered as needed

Humanities.

Cross listed with Philosophy 2210.

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.

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 1995-1996 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.

2220 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

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 2220.

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.

Cross listed with Political Science 3305.

Social Sciences.

3316 COMPLEX ORGANIZATIONS

4 credits

A study of complex business, industrial, and governmental organizations as operating social systems; patterns of relationships within the hierarchy of these organizations, the nature of restructuring processes, and the relationships between large-scale organizations and society. Networking and quality circles techniques are introduced.

Prerequisite, Sociology 1103.

Cross listed with Sociology 3316.

3323 CORPORATE FINANCE AND FINANCIAL MANAGEMENT

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, and Statistics 2215, or permission of the instructor.

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.

Offered in alternate years.

Cross listed with Economics 3324.

3325 MANAGING SYSTEMS IN THE 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. *Social Sciences.*

Cross listed with Social Work 3325 and Sociology 3325.

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 (Department Chair), Jones, and R. H. Smith; Associate Professor Rouzer; Assistant Professor Wladkowski.

Areas of particular teaching interest:

Professor Herlocker: preparation and properties of transition metal complexes; Professor Jones: computer applications to chemistry, chemical education, analytical and clinical chemistry; Professor Smith: studies in the mechanism of action of chemical carcinogens and the synthesis of cancer chemotherapeutic agents; Professor Rouzer: protein purification and characteristics, the biochemistry and pharmacology of cancer chemotherapeutic agents; Professor Wladkowski: energetics and dynamics of gas-phase, ion-molecule reactions.

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.

Extensive use is made of off-campus internships and on-campus summer research assistantships to give students practical experience in their chosen profession.

Basic Major:Required Courses:

Chemistry 1103, 1104, 2201, 2217, 2218, 2219, 3307, 3308, 4492, and at least one additional four hour course; Mathematics 1117, 1118, or the equivalent; Physics 1101, 1102.

Other Educational Options in Chemistry:

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

1103, 1104 GENERAL CHEMISTRY I, II
4, 4 credits

A study of the fundamental laws and theories of chemistry. The first semester is concerned with a study of matter in its various forms, with emphasis on bonding and structure. The second semester is concerned with the reactions of matter, with emphasis on equilibria. Molecular modelling experiments will be included during each semester's laboratory. *Courses include laboratory.*

Prerequisites: Mathematics 0001 or 0003, Mathematics 0002 or 0004.

Natural Science with Laboratory.

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 main units of biochemistry (carbohydrates, proteins, lipids, and nucleic acids).

Course includes laboratory.

Prerequisites: Mathematics 0001 or 0003, Mathematics 0002 or 0004.

Natural Science with Laboratory.

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 to the commands, techniques, and strategies used in electronic literature searching. The course specifically provides instruction in searching, but is not limited to, Chemical Abstracts On-Line and Biosis.

This course does not satisfy the Natural Science 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 1104.

Offered in 1995-1996 and alternate years.

2210 PHYSICAL CHEMISTRY FOR THE LIFE SCIENCES
4 credits

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

Prerequisites: Chemistry 1104, Mathematics 1117.

Offered in 1996-1997 and alternate years.

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 modeling. Qualitative analysis of organic compounds comprises half of the second semester laboratory.

Courses include laboratory.

Prerequisite: Chemistry 1104.

2219 QUANTITATIVE ANALYSIS
4 credits

Theory of titrimetric and gravimetric procedures; problems of and in sampling; statistical treatment of results for reliability; application and use of elementary procedures such as spectrophotometry (UV, IR, and Flame Emission), chromatography, and potentiometry. When possible the laboratory emphasizes clinical applications.

Course includes laboratory.

Prerequisite: Chemistry 1104.

Offered in 1996-1997 and alternate years.

3307, 3308 PHYSICAL CHEMISTRY I, II 4, 4 credits

A mathematical study of the laws of thermodynamics, equilibria, electrochemistry, chemical kinetics, and introductory quantum and statistical mechanics. Sufficient computer programming is introduced in the laboratory to allow treatment and interpretation of laboratory data.

Courses include laboratory.

Prerequisites: Chemistry 1104, Physics 1102, Mathematics 1118, or permission of the instructor; Chemistry 2219 is strongly recommended. Physical Chemistry I is cross listed with Physics 3307.

3319 BIOCHEMISTRY I 4 credits

An in-depth study of the structure and function of biological macromolecules, including techniques used for their isolation and characterization. The course provides an exploration of enzyme kinetics, mechanism, and regulation and an investigation of major catabolic pathways including principles of bioenergetics and membrane function. Studies will include an independent, extensive survey of the biochemical literature, and a written and oral report on a topic of interest to the student.

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

Credit may not be received for both Chemistry 3319 and 3321.

3321 BIOCHEMISTRY I (LAB) 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.

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

Credit may not be received for both Chemistry 3319 and 3321.

3322 BIOCHEMISTRY II 4 credits

Metabolism, including major anabolic pathways, followed by advanced topics in biochemistry, which will focus on the biochemistry of the cell-receptor function. Membrane receptor structure, the analysis of receptor-ligand interactions, and the enzymology of signal transduction will be included. Emphasis will be placed on use of the original scientific literature and the molecular modeling of proteins.

Prerequisites: Chemistry 2201 or permission of the instructor; Chemistry 3319 or 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 NMR, molecular rearrangements, photochemistry, and heterocyclic compounds, with emphasis on the content and use of current literature. Extensive molecular modeling will be used to answer chemical questions.

Prerequisites: Chemistry 2201, 2218.

Offered in 1995-1996 and alternate years.

4402 INTRODUCTORY QUANTUM MECHANICS 4 credits

Origins of quantum theory, the Schrödinger equation, physical meaning of quantum mechanics, solutions of one- and three-dimensional problems.

Prerequisites: Chemistry 3308, or Physics 2204, 2211.

Offered as needed.

Cross listed with Physics 4402.

4406 INSTRUMENTAL TECHNIQUES 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 in 1996-1997 and alternate years.

4412 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.

Prerequisites, Chemistry 2218, 3307.
Offered in 1996-1997 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. Required of all senior chemistry and bio-chemistry majors.

Juniors and non-majors may be admitted by permission of the department.

Prerequisite, Chemistry 2201.

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 Civilization

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 Civilization is available through the Department of History; see the *Guidance Bulletin* for required courses.

Communication

Professor Sapora; Associate Professors R. Miller and Weinfeld; Assistant Professors DeGroot (Department Chair), Dillman, and Meyer.

Areas of particular teaching interest:

Professor Sapora: film and video production, linguistics, mass media; Professor Miller: film history and criticism, speech arts; Professor Weinfeld: rhetoric and performance; Professor DeGroot: interpersonal communication, rhetorical criticism; Professor Dillman: information systems theory, mass communication; Professor Meyer: cross cultural and family communication.

The major and minor in communication address the history, contexts, processes, and analysis of human communication. The basic major offers students a broad background in both face-to-face and mediated forms of communication. The liberal arts orientation of the basic major prepares students for employment in any occupation where comprehensive understanding of communication processes is beneficial. Optional programs provide opportunities for additional study focused in the areas of communication theory, interpersonal communication, media studies, film and cinematography, and information systems. The optional programs prepare students for graduate study, as well as for entry into various specialized occupations.

Basic Major:

Required Courses:

Communication 1101, 1110, 2201, 2202, 2231, 4492; two courses chosen from Communication 3337, English 2204, 2206, 2207, 2208, 2212, Theatre Arts 3328; three additional courses in Communication at the 3000 level or above.

Other Educational Options in Communication:

Concentration in Film and Video Studies; dual majors in Art and Communication, Theatre Arts and Communication, English and Communication; track in General Systems Analysis; minor in Communication. See *Guidance Bulletin* for details.

1101 FOUNDATIONS OF COMMUNICATION
4 credits

Communication defined and described from a variety of perspectives: rhetorical, technological, linguistic, and cultural. The course is an introduction, interdisciplinary in nature, to the study of communication.

Humanities.

1110 SPEECH ARTS
4 credits

An introductory course designed to prepare the student to meet a variety of public oral communication situations. The student concentrates on the practical application of basic principles and techniques of speech composition, public speaking, and speech criticism.

1131 BASIC FILM AND VIDEO TAPE PRODUCTION
4 credits

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

1149 FILMMAKING: APPRENTICESHIP
1 credit

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.

2201 HISTORY OF HUMAN COMMUNICATION
4 credits

A study of human communication from the advent of speech through the development of writing and movable type to the widespread use of newspapers, film, radio, and television.

Prerequisite, Communication 1101.

2202 COMMUNICATION THEORY AND RESEARCH
4 credits

The formal study of human communication. This course surveys a variety of theoretical approaches and research methods with particular emphasis on the structure and function of communication in contemporary society.

Prerequisite, Communication 2201.

Humanities.

2231 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 and includes a weekly three-hour film viewing session.

Humanities.

2249 FILMMAKING: PRODUCTION DESIGN
1 credit

Students will research, design, script, budget, and propose a film project for Communication 3349 Filmmaking: First Production. They will continue to assist upper-level filmmakers with their productions.

Prerequisite, Communication 1149.

2291 SOPHOMORE SYSTEMS PROBLEM
1 credit

A directed group project designed to introduce students 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, a survey of the history of the linguistic enterprise (including the application of linguistic findings to teaching in the schools), and a linguistic analysis of the history of the English language.

Humanities.

Cross listed with English 3306.

3311 ARGUMENT AND PERSUASION
4 credits

An analysis of classical and contemporary perspectives on argument theory and persuasion theory in a variety of social contexts. This course focuses on the ways in which we are induced to accept beliefs and how we try to influence others to do the same.

Prerequisite, Communication 2202.

3312 PERFORMANCE STUDIES**4 credits**

The individual and group selection, adaptation, interpretation, performance, and criticism of cultural and literary materials with emphasis on performance as a field of knowledge and a way of knowing.

Prerequisite, Communication 1110 or Theatre 1113.

3331 ISSUES IN MASS COMMUNICATION**4 credits**

A critical study of mass communication in contemporary culture. Students identify contemporary issues and analyze them in terms of current theory.

Prerequisite, Junior/senior standing.

Humanities.

3332 TELEVISION ANALYSIS AND CRITICISM**4 credits**

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

Prerequisite, Junior/senior standing.

Humanities.

3333 FICTION INTO FILM**4 credits**

A consideration of film 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.

Prerequisite, Communication 2231.

3334 SEMIOTICS OF PHOTOGRAPHY AND FILM**4 credits**

Notions of foundational semiotic thinkers as applied to a large variety 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.

Prerequisite, Communication 2231.

3335 STUDIES IN FILM HISTORY**4 credits**

Studies of artists, institutions, styles, and themes in the history of world cinema. The course is research-oriented and will include primary and secondary readings in film history, close analysis of film texts, and a weekly three-hour film session.

Prerequisite, Communication 2231.

3336 ISSUES IN FILM THEORY AND CRITICISM**4 credits**

A course exploring issues in the interpretation of cinema, such as aesthetics, genre, authorship, modes of representation, and questions of race and gender. Issues will be explored through readings in film criticism and viewings of relevant films. The course includes a weekly three-hour film session.

Prerequisite, Communication 2231.

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, At least sophomore standing.

3349 FILMMAKING: FIRST PRODUCTION**1 credit**

The execution of the proposal developed and approved in Communication 2249.

Prerequisite, Communication 2249.

3351 GENDER AND COMMUNICATION**4 credits**

A survey of the theoretical perspectives and current research on the relationship between gender and communication. This course explores the contributions human communication makes to the construction of gender and gender identity.

Prerequisite, Communication 2202.

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.

Prerequisite, Junior/senior standing.

3372 INFORMATION**4 credits**

An introduction to information theory and an exploration of its implications in human communication. Topics include entropy, data, noise, feedback, pattern, rule, code, language, and complexity.

Prerequisite, Junior/senior standing.

3391 JUNIOR SYSTEMS PROBLEM**1 credit**

A directed small-group project designed to solve specific problems. Problems are usually located on the campus, and 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.

4431 RESEARCH SEMINAR: MEDIA**4 credits**

A review of current thought on the role of media in human communication. Topics include print media and orality, electronic media and literacy, and the development of hyper and cyber media.

Prerequisite, Communication 2202.

4449 FILMMAKING: FEATURE PRODUCTION**1 credit**

Completion of the production of a feature film proposed in Communication 2249 and started in Communication 3349.

Prerequisites, Communication 3349 and permission of instructor.

4491 SENIOR SYSTEMS PROBLEM**1 credit**

The identification and attempted solution of a campus 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.

4492 SENIOR SEMINAR**4 credits**

A colloquium based on individual research projects relative to current issues or topics in communication.

Prerequisite, Senior standing.

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' interest 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 Phillips (Director); Associate Professor D. Evergates; Senior Lecturer N. Palmer; 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; see the *Guidance Bulletin* for required courses.

1125 STUDIES IN HISPANIC LITERATURE IN ENGLISH TRANSLATION**4 credits**

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

Literature and Fine Arts.

Cross listed with Spanish 1125.

2209 AMERICAN AND JAPANESE FICTION IN THE TWENTIETH CENTURY**4 credits**

A study of representative twentieth century novels of Japan and the American South, with focus on the conflict between tradition and modernization.

Prerequisite: permission of instructor.

Global Awareness, Literature and Fine Arts.

Cross listed with Cross Cultural Studies 2209.

2219 GREAT WORKS OF THE WESTERN WORLD I**4 credits**

Representative masterworks of European culture from ancient times through the Renaissance.

Heritage Sequence, Literature and Fine Arts.

2220 GREAT WORKS OF THE WESTERN WORLD II**4 credits**

Representative masterworks of European culture from the Enlightenment to the present.

Heritage Sequence, Literature and Fine Arts.

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. The course treats 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, Literature and Fine Arts.

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, Literature and Fine Arts.

Cross listed with Theatre Arts 2226.

2227 THE CONTEMPORARY THEATRE**4 credits**

Theatre history and dramatic literature in the Western World from Realism to the present.

Literature and Fine Arts.

Cross listed with Theatre Arts 2227.

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, Literature and Fine Arts.

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 Awareness, Humanities, Literature and Fine Arts.

Cross listed with Cross Cultural Studies 3321 and Religion 3321.

2288 READING LIST: NINETEENTH CENTURY CONTINENTAL NOVEL**2 credits****2289 READING LIST: TWENTIETH CENTURY CONTINENTAL NOVEL****2 credits****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**

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.

Computer Science

Associate Professor Eshleman

Areas of particular teaching interest:

Professor Eshleman: programming languages, computer architecture, numerical methods.

No major is offered in this field. However, computing can be included in a student's major in several ways. The program in mathematics with a concentration in computer science provides a solid foundation for a career in professional computing or for graduate study in computer science. Students in any discipline can prepare for computer-related positions by completing a minor in computer science through the Department of Mathematics and Computer Science; see the *Guidance Bulletin* for required courses.

The College's computing facilities include public access microcomputer labs equipped with Macintosh and IBM microcomputers.

1101 INTRODUCTION TO COMPUTER-HUMAN INTERFACE **4 credits**

A study of computer systems as part of the larger social institutions and culture in which they are embedded. Basic content includes history, jargon, overview of computer architectures or systems, social and ethical aspects of computers, computing vs. information processing, some in-depth focus of computers in one "domain," reduction of computer anxiety, and some development of hands-on mastery with one software or programming/design environment.

1105 INFORMATION PROCESSING IN THE LIBERAL ARTS ENVIRONMENT **4 credits**

An introduction to the use of microcomputers for liberal arts students. This course will provide hands-on experience with various techniques for information processing and retrieval. Included will be use of the software tools of word processors, databases, and spreadsheets, the Macintosh and DOS operating systems, and using network facilities for educational and research purposes.

1106 INTRODUCTION TO STRUCTURED PROGRAMMING **4 credits**

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

Prerequisites: Mathematics 0001 or 0003, Mathematics 0002 or 0004.

1107 ADVANCED STRUCTURED PROGRAMMING **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, trade-offs 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.

Prerequisite: Computer Science 1106.

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 2218.

Offered in 1995-1996 and alternate years.

Cross listed with Mathematics 2210.

3301 ASSEMBLY LANGUAGE PROGRAMMING AND ARCHITECTURE **4 credits**

Principles of computer architecture from various perspectives, including the levels of data representation, machine language execution cycle, addressing modes, digital logic, and microprogramming. Aspects of electronic, digital computer components will include logic, communication, speed, and structure of digital circuits. Relevancy of assembly language programming to certain problems will be studied.

Prerequisite: Computer Science 1106.

Offered in 1995-1996 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.

Prerequisites: Computer Science 1106, 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.

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 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.

Cross Cultural Studies

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

No major is offered in this field. A minor in Cross Cultural Studies is available through the Department of Political Science and International Studies; see the *Guidance Bulletin* for required courses.

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 Awareness.

1102 SOUTH ASIAN CIVILIZATIONS 4 credits

A general introduction to the civilizations of South Asia (the Indian subcontinent). The course deals with the heritage from ancient times to the present and includes a study of the history, religion, art, social conditions, politics, and economics of the area.

Global Awareness.

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 Awareness, 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 Awareness.

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 Awareness.

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 Awareness, Humanities.

Cross listed with Philosophy 2202.

2209 AMERICAN AND JAPANESE FICTION IN THE TWENTIETH CENTURY**4 credits**

A study of representative twentieth century novelists of Japan and the American South, with a focus on the conflict between tradition and modernization.

Prerequisite: Permission of instructor.

Global Awareness, Literature and Fine Arts.

Cross listed with Comparative Literature 2209.

2212 WORLD MUSIC**4 credits**

Surveys in musical traditions other than those of the Western European-American stylistic periods.

Global Awareness, Literature and Fine Arts.

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 Awareness, Humanities.

Cross listed with Philosophy 2219.

2221 GANDHI AND TAGORE: THEIR IMPACT ON TWENTIETH CENTURY INDIA**4 credits**

The influence on modern India of the lives and thoughts of two giants in politics and literature. Special attention is given to Gandhi's understanding of non-violence, to the varied literary output

of Tagore, and to both men's contribution to Indian independence. Students will also develop a deeper understanding of the Hindu world-view.

Offered as needed.

Global Awareness, Humanities.

Cross listed with Religious Studies 2221.

2223 CULTURAL HISTORY OF LATIN AMERICA**4 credits**

Historical and contemporary culture of Latin America.

This course is taught in English.

Offered in alternate years.

Global Awareness, Humanities.

Cross listed with History 2223 and Spanish 2223.

2225 THE PHILOSOPHY AND PRACTICE OF TAI CHI**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 Awareness, 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.

Offered in 1996-1997 and alternate years.

Global Awareness, Literature and Fine Arts.

Cross listed with Art History 2229.

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.

Offered in 1995-1996 and alternate years.

Global Awareness, Literature and Fine Arts.

Cross listed with Art History 2242.

2245 ETHNOGRAPHY OF THE AMERICAN INDIAN **4 credits**

An archaeological and ethnographic analysis of Indian cultures in the Americas, from the early hunters to the high cultures of Maya, Inca, and Aztec including the impact of western civilization up to modern times, and future options and trends.

Offered in alternate years.

Global Awareness, Social Sciences.

Cross listed with Sociology 2245.

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.

Offered as needed.

Global Awareness, Humanities.

Cross listed with Religious Studies 2254.

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 Awareness, 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).

Offered as needed.

Global Awareness, Humanities.

Cross listed with Religious Studies 2256.

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 Awareness, Humanities.

Cross listed with Philosophy 3302 and Religious Studies 3302.

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.

Offered as needed.

Global Awareness, Humanities, Literature and Fine Arts.

Cross listed with Art History 3305 and Religious Studies 3305.

3306 HINDU RITUALS AND ETHICS (KARMA AND DHARMA) **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.

Offered as needed.

Global Awareness, Humanities.

Cross listed with Religious Studies 3306.

3310 THE POLITICS OF DEVELOPING AREAS **4 credits**

An examination of the political, social, and economic problems of the third world with Latin America as the regional focus. The explanatory models of corporatism, bureaucratic authoritarianism, civil-military relations, and dependency are applied to case studies in Argentina, Brazil, Peru, and Cuba.

Global Awareness, Social Sciences.

Cross listed with Political Science 3310.

3317 COMPARATIVE POLITICS OF COMMUNIST AND POST-COMMUNIST POLITICAL SYSTEMS 4 credits

A comparative course exploring the historical, cultural, social, political, and economic similarities and differences of the two largest and most influential Marxist models, the former Soviet Union, and the People's Republic of China. Both nations are compared in terms of their departures from Orthodox Marxism. Marxism-Leninism, Marxism-Leninism-Maoism. Theoretical paradigms that attempt to predict the future of these regimes is also analyzed.

Global Awareness, 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 Awareness, Humanities, Literature and Fine Arts.

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 Awareness, Social Sciences.

Cross listed with Economics 3326.

Economics

Professors Law (Department Chair), Claycombe, J. Olsh, and Seidel; Associate Professors Milstein and Singer; Lecturers Carter and Willis.

Areas of particular teaching interest:

Professor Law: international economics, macroeconomics; Professor Claycombe: industrial organization, managerial economics; Professor Olsh: microeconomics, history of economic thought; Professor Seidel: money and banking; Professor Milstein: intermediate and cost accounting; Professor Singer: accounting and taxation.

Students major in this department 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).

The dual or double major of Economics and Business Administration combines the advantages of both theoretical and applied disciplines.

Basic Major:

Required Courses:

Economics 2201, 3303, 3320, 4405 and a minimum of twelve additional hours at 3000-4000 level; four hours of Mathematics; Statistics 2215, 2216; four hours from English 1105, 2208, 2212, Communication 1110.

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).

1101 INTRODUCTION TO POLITICAL ECONOMY 4 credits

An introduction to economic reasoning and its application in analyzing economic problems and institutions.

Prerequisite: Mathematics 0001 or 0003.

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 0001 or 0003, Mathematics 0002 or 0004.

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**

Principles of international trade, exchange, and investment; problems of trade restriction, cartels, economic integration, balance of payments, multinational firms, underdeveloped areas of the world, commercial policies of countries of the world.

Prerequisite: Economics 2201, or permission of the instructor.

Offered in alternate years.

3310 MONEY AND BANKING**4 credits**

A study of the history of money and monetary policy, principles and structure of banking, monetary theory, and the international monetary system.

Prerequisite: Economics 2201, or permission of the instructor.

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.

Offered in alternate years.

3320 MACROECONOMIC THEORY**4 credits**

A study of the theory of national income determination. Monetary and fiscal policies of government and their management for the purpose of price level and employment stabilization are examined. Projects in national income forecasting are undertaken.

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.

Offered in alternate years.

Cross listed with Business Administration 3324.

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 Awareness, Social Sciences.

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 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.

4405 THE HISTORY OF ECONOMIC THOUGHT**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, Fennell, and Macht; Associate Professors Behling (Department Chair), Coryell, and Reiff; Assistant Professors Kerby and Orza.

Areas of particular teaching interest:

Professor Coley: diagnosis and remediation of reading disabilities, comprehension development; Professor Fennell: curriculum, elementary school mathematics; Professor Macht: adult special education (TARGET); Professor Behling: educational administration, psychology of education; Professor Coryell: deaf education-theoretical and empirical basis, curriculum and instruction for deaf, hard of hearing pupils; Professor Kerby: media/library science, young adult non-fiction; Professor Orza: counseling psychology, empathy and counselor education; Professor Reiff: exceptional children.

No major is offered in this field. Students desiring certification to teach in elementary or secondary schools complete a minor in Education. Students preparing to teach secondary school

select a major in their specialty area; students desiring certification to teach in the elementary school select any major, usually one which supports the field such as Communication, English, Sociology, or Psychology. Students receive certification in elementary or the following secondary education fields: art, biology, chemistry, choral music, English, French, German, instrumental music, mathematics, physical education, physics, social studies, and Spanish. The physical education program also offers a K-12 certification option. A reciprocity agreement provides certification in over 30 other states; a list is available in the Education Office.

Students who desire certification to teach in the various programs offered should contact the Education Department as early as possible for assistance in planning their programs. A minimum overall GPA of 2.50 and an interview are required for acceptance into the student teaching semester. A state qualifying score on the Core Battery and a Specialty Area Test (subject or level) of the National Teacher Exam (NTE) is also a state certification requirement.

Work should be planned so that one semester of the senior year may be kept entirely free for student teaching. Teacher certification is addressed in detail in the *Guidance Bulletin*.

Minor in Elementary Education

Required for certification in grades 1-6 (and the middle school):

Education 1141, 2240, 3312, 3314, 3325; Mathematics 1106, 1141; Exercise Science and Physical Education 0043, 1174; Psychology 1106, 2207; History 1108 or 2225; Education Semester: Education 3327, 3329, 4422, 4424.

Minor in Secondary Education

Required for certification in grades 7-12 (middle/high school):

Education 1141, 2240; Education 3340-3350 (choose the appropriate course for area of concentration); Psychology 1106, 3306; Education Semester: Education 3327, 3329, 4432, 4434 (Physical Education K-12 certification students must take Education 4442 and 4444).

Education Semester

During the education semester, all students take Education 3327, 3329 and 8 credits of student teaching at the appropriate level(s).

1141 LEARNING AND TEACHING IN A TECHNOLOGICAL ERA **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. Observations of carefully selected videotapes and/or videodiscs and structured observations in elementary and secondary schools are included.

2225 AMERICAN SIGN LANGUAGE I **4 credits**

A beginning course in the basic grammar of American Sign Language (ASL) as it differs from English. The student will learn the concepts of directionality, positioning, repetition, and sequence of hand signs and their importance in American Sign Language. Sign language idioms will also be taught.

2226 AMERICAN SIGN LANGUAGE II **4 credits**

A continuation of American Sign Language I, with opportunity for individual hands-on experience in language learning. Emphasis is given to a study of cultural behaviors, values, and norms. The use of video text to improve conversational skills and preserve the integrity of the language are critical components.

Prerequisite: Education 2225.

2230 INTRODUCTION: THE EXPERIENCE AND EDUCATION OF DEAF PEOPLE **4 credits**

An introduction to Deaf Education. The historical background of education of deaf students as well as present and past trends, problems, and issues in the education of deaf students will be discussed.

2240 PLANNING AND EVALUATING INSTRUCTION **4 credits**

Planning and assessment for whole class, small group, and tutorial instruction on a long term and daily basis. The course includes the study of outcomes for cognitive, affective, and psychomotor learning and emphasizes assessment from formative to summative and standardized to performance-based and portfolio. Students will participate at local elementary or secondary schools twice a week during the semester.

Prerequisite: Education 1141.

3301 AMERICAN SIGN LANGUAGE III **4 credits**

A continuation of American Sign Language II, with a more in-depth discussion of the principles of ASL. Further exposure to more sophisticated dialogues is included.

Prerequisite: Education 2226, or permission of the instructor.

3302 AMERICAN SIGN LANGUAGE IV **4 credits**

A continuation of American Sign Language III, with emphasis on increasing expressive and receptive fluency and proficiency in the use of the language in various settings, including working with deaf students.

Prerequisite: Education 3301.

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. Students acquire familiarity with a variety of teaching techniques and commercially available materials in these two content areas. Field experiences are also included.

Prerequisite: Education 2240.

3314 TEACHING ELEMENTARY SCHOOL MATHEMATICS **4 credits**

A focus on reform issues within the field of elementary school mathematics. Constructivist learning, technology and instruction, diagnosis, problem solving, number sense, and connections in mathematics learning are included. Field experiences are also included.

Prerequisite: Education 2240, Mathematics 1106, 1141.

3325 TEACHING LITERACY: READING, LISTENING, SPEAKING, WRITING **4 credits**

A study of literacy as it relates to the elementary child. The course examines teachers' roles in improving students' ability to understand, recall, and integrate information from text, and strategies to improve general and specific reading comprehension of the independent learner. Participation at an elementary school each week during the entire semester is included.

Prerequisite: Education 2240.

3327 READING IN THE CONTENT AREAS
4 credits

The teaching of reading for content area classrooms with a special emphasis on the use of reading techniques which are effective for textbook use at all levels to meet individual and group needs.

Prerequisites: Education 3312, 3314, 3325 (for elementary minors); Secondary Methods in the student's field (for secondary minors).

3329 DIVERSITY
4 credits

A focus on increasing awareness, building understanding, and responding to the individual needs of students from multicultural backgrounds and students with disabilities. The student teacher will explore a variety of classroom management and teaching strategies that can be used effectively in inclusive education settings.

Prerequisites: Education 3312, 3314, 3325 (for elementary minors); Secondary Methods in the student's field (for secondary minors).

3340-3350 IMPLEMENTING INSTRUCTIONAL PLANS (SECONDARY METHODS)
4 credits

An in-depth study of specific methods for the student's teaching field, classroom management techniques applicable to the discipline, and varied behavioral management strategies including affective concerns. Participation and/or selected teaching in the public schools are also included.

Prerequisite: Education 2240.

3340 CHORAL MUSIC

3341 ENGLISH

3342 ART

3343 FOREIGN LANGUAGE

3344 MATHEMATICS

3345 SOCIAL STUDIES

3346 INSTRUMENTAL MUSIC

**3348 EXERCISE SCIENCE &
PHYSICAL EDUCATION**

3350 SCIENCE

4422 ELEMENTARY STUDENT TEACHING
(GRADES 1-3)
4 credits

An internship teaching at the primary level of the elementary schools. Experiences proceed from introductory participation to the assumption of full teaching assignment with all related planning responsibilities and the extra-curricular involvements of the professional teacher.

Prerequisites: a minimum 2.5 GPA, completion of all minor requirements leading to student teaching, and permission of the Education Department. There is an extra fee for this course.

4424 ELEMENTARY STUDENT TEACHING
(GRADES 4-6)
4 credits

An internship teaching at the intermediate level of the elementary schools. Experiences proceed from introductory participation to the assumption of full teaching assignment with all related planning responsibilities and the extra-curricular involvements of the professional teacher.

Prerequisites: a minimum 2.5 GPA, completion of all 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)
4 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 extra-curricular involvements of the professional teacher.

Prerequisites: a minimum 2.5 GPA, 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)
4 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 extra-curricular involvements of the professional teacher.

Prerequisites: a minimum 2.5 GPA, 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) 4 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 extra-curricular involvements of the professional teacher.

Prerequisites: a minimum 2.5 GPA, 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) 4 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 extra-curricular involvements of the professional teacher.

Prerequisites: a minimum 2.5 GPA, 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 Phillips (Department Chair), Chambers, Mangan, Panek, Sapora, and Stevens; Associate Professors Dalton and Regis; Assistant Professors Bendel-Simso and Instructor Carpenter; Senior Lecturer N. Palmer; Lecturer Spence.

Areas of particular teaching interest:

Professor Phillips: colonial and nineteenth century American literature; Professor Chambers: southern American literature; Professor Mangan: creative writing, American literature, women's literature; Professor Panek: Renaissance literature, popular fiction; Professor Sapora: Medieval literature, linguistics, literary theory; Professor Stevens: eighteenth and nineteenth century British literature, the twentieth century novel; Professor Dalton: journalism; Professor Regis: seventeenth and eighteenth century literature, expository writing; Professor Bendel-Simso: Colonial nineteenth and twentieth century American literature and southern literature; Professor Carpenter: modern British literature.

Study of the English language and literature offers a basic liberal arts education which students may use in many ways. Graduates with the English major are pursuing careers in journalism, law, business, social work, and government service. A number have entered theological seminaries and schools of library science. Many teach in the public school system; others, after graduate work, join college faculties. Several students combine English with another subject in a dual major.

Basic Major:

Required Courses:

English and American literature surveys: 2221, 2222, 2223, 2224; five courses from among the following, chosen in consultation with one's advisor: Genre: English 3381, 3382, 3383, English/Theatre 2284; Major Figures and Groups: English/Theatre 2263, English 3360, 3363, 3364; Major Themes: English 2282, 2283; Special Topics: English 2265, 2266, 3365, 3366; two Reading lists (2 hours each) from English 2285, 2286, 2287, 2288, 2289 and English 4492.

Other Educational Options in English:

Minors in English/American Literature, Writing, or Journalism. Dual majors with Communication, Theatre Arts, Political Science, or History, Teacher Certification: Elementary grades K-6, Secondary grades 7-12 (middle/high school).

English 1101 and 1102 or the equivalent or permission of the instructor is prerequisite to all other English courses.

WRITING AND LINGUISTICS

1101, 1102 COMPOSITION AND READING I, II 4, 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.

Completion of these courses with acceptable writing competence satisfies the English Composition requirement.

1105 COMPOSITION AND READING I: JOURNALISM EMPHASIS 4 credits

Instruction in how to write clear, concise, and accurate journalistic prose, with practice in careful, analytical reading of relevant non-fiction literature and training in newsgathering and research techniques.

Completion of this course, along with English 1102, with acceptable writing competence satisfies the English Composition requirement.

**2201 ETYMOLOGY: GREEK AND LATIN
ELEMENTS IN ENGLISH**
4 credits

An introduction to the early sources of the English language to help students expand their English vocabulary through the historical study of Greek and Latin roots, prefixes, suffixes. Some technical, medical, and legal terminology is included.

Offered in 1996-1997 and alternate years.

2203 INTRODUCTION TO JOURNALISM
4 credits

The 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. Instruction is also offered in the art of news reporting and writing.

2204 JOURNALISM II
4 credits

Development of advanced skills in news reporting and writing. Students learn and practice interviewing and other forms of news gathering, then apply those methods in a variety of news and feature stories. A two-phase in-depth news story is done in lieu of a final exam.

Prerequisite, English 1105 or 2203.

2205 MEDIA ETHICS
4 credits

An examination of the various ethical dilemmas that confront journalists, including conflict of interest, "freebies," invasion of privacy, reporter-source problems, and use of deception to gather news. Students analyze such problems and attempt to find workable solutions.

2206 CREATIVE WRITING — POETRY
4 credits

A workshop in poetry that focuses on the discussion of student writing and the reading of works by contemporary poets.

2207 CREATIVE WRITING — FICTION
4 credits

A workshop in short fiction writing. Class discussion focuses on student writing and stories by recognized contemporary authors.

2208 ADVANCED COMPOSITION
4 credits

Advanced instruction and practice in writing graceful and vigorous prose. Attention is given to the elements of rhetoric and to the practical problems of grammar and usage.

2212 TECHNICAL WRITING
4 credits

A workshop in technical writing with assignments based primarily on topics from the individual student's field of major interest. Focus is on objective writing and editing to communicate technical material meaningfully to the general reader.

**3306 APPROACHES TO THE STUDY
OF LANGUAGE**
4 credits

An introduction to the principles and methods of linguistics, a survey of the history of the linguistic enterprise (including the application of linguistic findings to teaching in the schools), and a linguistic analysis of the history of the English Language.

Humanities.

Cross listed with Communication 3306.

LITERATURE SURVEYS

2221 BRITISH LITERATURE I
4 credits

A study of masterworks of English literature from the Anglo-Saxon era to the dawn of the Romantic era. In addition to the anonymous poets of *Beowulf* and *Sir Gawain and the Green Knight*, the major figures included are Chaucer, Spenser, Shakespeare, Donne, Marlowe, Milton, Swift, Pope, and Johnson.

Literature and Fine Arts.

2222 BRITISH LITERATURE II
4 credits

A study of the major literary figures of the English Romantic and Victorian movements, and of significant twentieth-century writers. Among those discussed are Wordsworth, Byron, Shelley, Keats, Tennyson, Browning, Arnold, Dickens, Hardy, Shaw, Yeats, Conrad, and Eliot.

Literature and Fine Arts.

2223 AMERICAN LITERATURE I
4 credits

A study of American writers from the Colonial Period to the Civil War, with special emphasis on the works of Franklin, Poe, Hawthorne, Emerson, Thoreau, Melville, and Whitman, as well as the development of significant themes.

Literature and Fine Arts.

2224 AMERICAN LITERATURE II**4 credits**

A study of the late nineteenth-century American writers, such as Twain, Dickinson, the Realists and the Naturalists, through the Lost Generation of the Twenties, to selected post-World War II and contemporary writers.

Literature and Fine Arts.

MAJOR FIGURES AND GROUPS**2263 SHAKESPEARE****4 credits**

A study of Shakespeare's major works from the poetry through the major tragedies.

Literature and Fine Arts.

Cross listed with Theatre Arts 2263.

3360 CHAUCER**4 credits**

A reading of *The Canterbury Tales*, *Troilus and Criseyde*, and the minor poems, with some attention given to the influence of continental authors on Chaucer's works.

Literature and Fine Arts.

3363 MAJOR FIGURES AND GROUPS I**4 credits**

An intensive study of the work of a major British or American writer or of small related groups of writers.

Literature and Fine Arts.

3364 MAJOR FIGURES AND GROUPS II**4 credits**

An intensive study of the work of a major British or American writer or of small related groups of writers.

Literature and Fine Arts.

MAJOR THEMES**2282 MAJOR THEMES IN BRITISH LITERATURE****4 credits**

The examination of an idea, myth, plot, question, or area of concern with consideration of how different ages and individuals treat the same theme.

Literature and Fine Arts.

2283 MAJOR THEMES IN AMERICAN LITERATURE**4 credits**

The examination of an idea, myth, plot, question, or area of concern with consideration of how different ages and individuals treat the same theme.

Literature and Fine Arts.

GENRE**3381 FICTION****4 credits**

A study of British and American fiction, either in the novel or the short story as a type of literary expression.

Literature and Fine Arts.

3382 POETRY**4 credits**

The study of British and American poetry as a type of literary expression.

Literature and Fine Arts.

3383 DRAMA**4 credits**

The study of British and American drama as a type of literary expression.

Literature and Fine Arts.

READING LISTS**2285 READING LIST: EIGHTEENTH CENTURY BRITISH NOVEL****2 credits****2286 READING LIST: NINETEENTH CENTURY BRITISH NOVEL****2 credits****2287 READING LIST: TWENTIETH CENTURY BRITISH NOVEL****2 credits****2288 READING LIST: NINETEENTH CENTURY AMERICAN NOVEL****2 credits****2289 READING LIST: TWENTIETH CENTURY AMERICAN NOVEL****2 credits****4492 SENIOR SEMINAR****4 credits**

Designed for senior English majors, with a different theme, genre, or topic each semester, and with an emphasis on techniques and methods of literary criticism.

2265; 2266; 3365; 3366 SPECIAL TOPICS IN ENGLISH**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 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.

Exercise Science and Physical Education

Professors Clower (Department Chair), Carpenter, Case, Fritz, and Ober; Assistant Professor Weyers; Lecturers Easterday, Keating, Lauret, Martin, Molloy, Nibbelink and Seibert.

Areas of particular teaching interest: Professor Clower: sport sociology and history; Professor Carpenter: sport psychology; Professor Case: exercise physiology; Professor Fritz: teacher education; Professor Ober: kinesiology; Professor Weyers: adapted physical education.

Beyond the basic Exercise Science and Physical Education major, the department provides a variety of options for the major, including teaching certification in elementary-secondary school physical education. This K-12 certification program is approved by the Maryland State Department of Education.

Basic Major:

Required Courses:

Exercise Science and Physical Education 2211, 2222, 2230, 2240, 2245 and four activities beyond basic liberal arts requirements; Biology 1111, 2211; Chemistry 1121 or 1103, 1104; Psychology 1106.

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. Teacher

certification can be attained in elementary-secondary school physical education (K-12). A cooperative program in occupational therapy is also available.

ACTIVITY

The College requires that each student demonstrate competence in activities that fall into two broad categories: fitness (courses numbered 0002-0055, 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 or by successfully completing courses chosen from those listed below.

Many of the courses listed below 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 testing or 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.

PHYSICAL EDUCATION ACTIVITY **0.5 credit**

Instruction in the fundamental skills and basic knowledge of the activity named.

Each activity meets approximately fifteen hours and carries 0.5 semester hour credit.

Fitness Activities

- 0002 FENCING**
- 0003 JUDO**
- 0005 WRESTLING**
- 0008 KARATE**
- 0016 WEIGHT TRAINING**
- 0017 WATER AEROBICS**
- 0018 ORIENTEERING**
- 0020 JOGGING**

- 0031 BALLET
- 0033 MODERN DANCE
- 0035 MODERN JAZZ
- 0037 TAP DANCE
- 0039 BASIC AEROBICS
- 0041 STEP AEROBICS
- 0043 CREATIVE RHYTHMS & DANCE
- 0045 SQUARE & WESTERN DANCE
- 0047 FOLK/SOCIAL DANCE
- 0055 SPECIAL TOPICS IN FITNESS ACTIVITIES

Skill Activities

- 0066 SPECIAL TOPICS IN SKILL ACTIVITIES
- 0067 ARCHERY
- 0068 BACKPACKING
- 0069 BADMINTON
- 0071 BASKETBALL
- 0072 BOWLING
- 0073 CASTING
- 0074 CANOEING
- 0076 FIELD HOCKEY
- 0077 GOLF
- 0078 KAYAKING
- 0079 LACROSSE
- 0081 RACQUETBALL
- 0082 RAPPELLING
- 0083 ROCK CLIMBING
- 0084 SKIING
- 0086 SOCCER/SPEEDBALL
- 0087 SOFTBALL
- 0088 TEAM HANDBALL
- 0089 TENNIS
- 0091 VOLLEYBALL
- 0092 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.

- 1145 FUNDAMENTALS OF GYMNASTICS**
1 credit

The development and analysis of basic gymnastic skills including tumbling, floor exercise, and apparatus skills.

- 1149 MARATHONING**
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

- 1174 FUNDAMENTAL MOTOR SKILLS**
1 credit

The development and analysis of primary movement skills, a variety of activities of low organization, and activities appropriate for the instruction of the elementary school age child.

- 1176 LIFEGUARDING**
2 credits

Principles, techniques, and skills of aquatic life-guarding. 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.

2211 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 people, events, programs, and guiding thought that have evolved into the current status of the discipline and the profession as well as closely allied fields.

2215 ADAPTED PHYSICAL EDUCATION
4 credits

Organization of developmental, remedial, atypical, and handicapped programs 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 0001 or 0003, Mathematics 0002 or 0004
Natural Science.

2234 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL
4 credits

An analysis of the physical education program in the elementary school and its place in the total educational experience. Consideration is given to the selection of activities, skill development, teaching styles and materials, program planning, class organization, and evaluation techniques. Knowledge, organization, and presentation of fundamental motor skills appropriate for elementary school children are also included.

2236 PRINCIPLES OF SPORTS COACHING
4 credits

Basic principles involved in the coaching of interschool athletics including various administrative aspects. Topics include philosophy, contest management, scheduling, championship determination, ethics, equipment selection, finance and budget, team selection and organization, public relations, and legal considerations. One particular sport will be selected by the student for an in-depth exploration.

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.

2245 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.

3303 ADMINISTRATION AND EVALUATION OF PHYSICAL EDUCATION
4 credits

The administration of physical education in an educational setting including administrative theory and styles, organization of programs, and evaluation of programs and individuals. Objectives, scheduling, policies, and structure are considered. Evaluative devices including standardized tests and skill assessment along with basic statistical techniques are stressed.

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 ATHLETE TRAINING
4 credits

Practical experience and extensive field work in athletic training.

Prerequisite, Exercise Science and Physical Education 2225.

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.

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.

Prerequisites, Mathematics 0001 or 0003, Mathematics 0002 or 0004.

Natural Science.

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.

Literature and Fine Arts.

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

Professor Deveny (Department Chair); Associate Professors D. Evergates, Motard-Noar and Williams; Assistant Professors Esa and Henriette.

Areas of particular teaching interest:

Professor Deveny: Golden Age Spanish literature, Spanish cinema; Professor Evergates: Greek, Latin; Professor Motard-Noar: nineteenth and twentieth century French literature; Professor Williams: nineteenth and twentieth century peninsular literature, Latin American literature; Professor Esa: German, German Women Writers, Nouvelles, Proverbs, and Idioms; Professor Henriette: Renaissance and eighteenth century French literature.

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 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. Western Maryland also grants full academic credit for a number of programs which sponsor a summer, a semester, or a year abroad. Information on such programs is available from the Study Abroad Adviser.

A student may elect a major in French, German, or Spanish; courses in Greek or Latin may count toward a minor in Classical Civilization.

Basic French, German, or Spanish Major:

Required Courses:

A minimum of thirty-six hours is required, including courses numbered 1101, 1102, 2211, 2212, 3301, 3302, 3320, and 4410. The total number of hours may be reduced by placement. In order to complete a major in French or Spanish, students must either live for one year in the appropriate language house on campus or live abroad for at least one semester.

Other Educational Options in Foreign Languages:

Dual majors with another language, 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.

FRENCH

**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.

**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 Awareness.

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.

**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, Literature and Fine Arts.

**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, Literature and Fine Arts.

3310; 4410 ADVANCED STUDIES IN FRENCH
4; 4 credits

Designed for upperclass French majors, with a different topic dealing with aspects of the French or Francophone literature or culture each semester.
Prerequisites: French 2211, 2212, 3301, 3302, or permission of the instructor.
Literature and Fine Arts.

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.

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

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.

**1125 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.

**1131 CULTURE OF GERMANY, AUSTRIA, AND
SWITZERLAND**
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.

2211 GERMAN 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 GERMAN-SPEAKING EUROPE **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.

3301, 3302 INTRODUCTION TO THE STUDY OF GERMAN LITERATURE **4, 4 credits**

Analysis of major representative works from German literature.

Prerequisite, German 2212.
Literature and Fine Arts, *Foreign Language*.

3310; 4410 ADVANCED STUDIES IN GERMAN **4, 4 credits**

Designed for upperclass German majors, with a different topic dealing with aspects of the German literature or culture each semester.

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.

4453 ADVANCED GERMAN FOR DUAL MAJORS **4 credits**

Extensive readings of more advanced texts (newspapers, magazines), translation of texts from the students' field of study, and composition.

This course is taught entirely in German.
Prerequisite, German 3302.

4454 DEUTSCH-AMERIKANISCHER KONTRAST **4 credits**

A comparison of German and U.S. social, political, educational, economical, and health systems to meet the further interests and needs of the students.

This course is taught entirely in German.
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

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.

Offered as needed.
Foreign Language.

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.

LATIN

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, Literature and Fine Arts.

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

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.

1125 STUDIES IN HISPANIC LITERATURE IN ENGLISH TRANSLATION

4 credits

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

Literature and Fine Arts.

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.

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.

Prerequisite, one History course.

Global Awareness, Humanities.

Cross-listed with Cross Cultural Studies 2223 and History 2223.

3301, 3302 INTRODUCTION TO THE STUDY OF HISPANIC LITERATURE

4 credits

Analysis of major representative works from Spanish and Latin American literatures.

Prerequisite, Spanish 2212 or the equivalent.

Foreign Language, Literature and Fine Arts.

3310; 4410 ADVANCED STUDIES IN SPANISH

4, 4 credits

Designed for upperclass Spanish majors with a different topic dealing with aspects of the Hispanic literature or culture each semester.

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.

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.

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 and R. Smith; Associate Professor Pagonis; Assistant Professor Guerra.

No major is offered in this field.

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 with Laboratory.

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.

Offered as needed.

Natural Science with Laboratory.

1118 SOCIETY AND THE WEATHER
4 credits

An interdisciplinary study of weather with emphasis on the science of meteorology, and on the influence of weather on society and culture.

Offered as needed.

Natural Science.

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 with Laboratory.

1135 RADIOACTIVITY AND ITS SOCIAL CONSEQUENCES
4 credits

A study of nuclear decay (radioactivity) from its discovery in the 1890's until the present. Topics include factors causing and affecting radioactivity and applications (weapons, power plants, medicine, dating, and art/archaeology).

Offered as needed.

Natural Science.

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 re-emergence in the Renaissance is traced.

Heritage Sequence, Natural Science.

2204 HISTORY OF SCIENTIFIC THOUGHT II
4 credits

A course which traces the development of the modern scientific theories in Astronomy, Biology, Chemistry, and Physics from the Renaissance to the present. Though initially national in focus, the course follows the growth of an international scientific community.

Heritage Sequence, Natural Science.

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 courses in geography are offered in conjunction with the graduate program of the College. Admission to the courses requires enrollment in the secondary social studies program or permission of the Education Department.

No major is offered in this field.

3316 GEOGRAPHY: A MODERN SYNTHESIS
4 credits

A focus on the links between an academic tradition and areas of public concern, with emphasis on applied aspects of ecology, economic change, and social issues. Attention is given to systems, cycles, and trends as examples of modern geographic analysis.

History

Professors Darcy (Department Chair) and T. Evergates; Associate Professors Chase, D. Evergates, and Reed.

Areas of particular teaching interest:

Professor Darcy: modern Europe; Professor T. Evergates: medieval and renaissance Europe; Professor Chase: modern America; Professor D. Evergates: Greek and Roman history; Professor Reed: early America.

In its broadest sense history is the study of the changing character of civilizations and nations, and as such provides a fundamental context for a liberal arts education. The history program offers majors a background in the main periods of

American and European history, as well as a closer understanding of selected topics. The history major is qualified to pursue a number of careers, including law, government service, business, and education.

Basic Major:

Required Courses:

History 1105, 1106, 2292, 4492; six additional courses in History including one upper level course in each of the following: Ancient or pre-1789 European history, Europe since 1789, and American. One of these six must be a 3000 level seminar.

Other Educational Options in History:

Dual majors with History of Art, English, a Foreign Language, or Political Science; Teacher Certification Secondary (middle/high school) Social Studies. Minors in American History, or European History, or Classical Civilization.

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 and analysis of Western traditions organized thematically: the Age of Absolutism, the Scientific Revolution, the Enlightenment, and continuing through 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.

1108 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.

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.

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.

Offered in 1995-1996 and alternate years.

Humanities.

1192 BECOMING AMERICAN: TOPICS IN AMERICAN HISTORY
4 credits

Freshman seminar in American history. This course introduces students to significant cultural, political, and social themes in the history of the United States through the use of both traditional and non-traditional sources. Emphasis is placed upon critical reading and written analysis of sources.

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.

Offered in 1996-1997 and alternate years.

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.

Offered in 1995-1996 and alternate years.

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.

Offered in 1995-1996 and alternate years.

Humanities, Literature and Fine Arts.

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.

Offered in 1996-1997 and alternate years.

Humanities.

2213 THE HIGH MIDDLE AGES
4 credits

An examination of the distinctive achievements of Western Europe during the eleventh, twelfth, and thirteenth centuries. Emphasis will be on feudal institutions and chivalry, monarchy and ideas of political representation, and the rise of urban economies and an international trading system. The course is based largely on primary source readings from autobiographies, chronicles, courtly literature, and legal documents.

Humanities.

2214 EARLY MODERN EUROPE**4 credits**

The course examines the transformation of Western Europe from the fourteenth through the sixteenth centuries. Topics include the fourteenth century crash, Renaissance society and humanism, 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.***2216 BRITISH HISTORY SINCE 1485****4 credits**

A survey from the larger-than-life figures of Henry VIII and Elizabeth I into the twentieth century of Margaret Thatcher. Special emphasis will be on political revolution and reform in the 17th and 19th centuries, the origins and impact of the industrial revolution, Victorian imperialism, World War I and national decline. The course provides background for the study of British literature.

*Humanities.***2217 RUSSIAN HISTORY SINCE PETER THE GREAT****4 credits**

A survey of Russian history from Peter to Gorbachev and the dissolution of the Soviet Union. Social, cultural, and economic developments in each period are blended with traditional political and military history. Students will use primary sources and interpretive works.

*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 TWENTIETH 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**

The historical and contemporary culture of Latin America.

*This course is taught in English.**Global Awareness, Humanities.*

Cross listed with Cross Cultural Studies 2223 and Spanish 2223.

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.

2228 AMERICA AS A GREAT POWER

4 credits

An exploration of America's world role since the late nineteenth 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 in-depth study 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 development and practices of history as a discipline, by means of group reading and discussion and a practicum on historical research and writing.

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.

Offered as needed.

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 eyewitness accounts of the crusades. The course will include discussion of recent interpretations of the crusades and their significance for Europe and the Mediterranean.

Humanities.

3318 SEMINAR: WORLD WAR I

4 credits

Within the context of the first world war, the English experience of the war front and the home front as depicted by eyewitnesses and interpreted by historians—the trauma and the legacy.

Humanities.

3322 TRANSFORMATION OF THE AMERICAN EXPERIMENT, 1840-1877

4 credits

An examination of political, social, and economic conflicts and change in mid-nineteenth 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.

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.
Humanities.

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.

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 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.

Interdisciplinary Studies

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

No major is offered in this field. See the *Guidance Bulletin* for those courses which are required for minors.

1107, 1108 WOMEN IN WESTERN CULTURE
4 credits

A two-semester interdisciplinary study of the status and roles 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.

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.

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

Assistant Professor M. Kerby

Areas of particular teaching interest:

Professor Kerby: Media/library science program, young adult non-fiction.

No major is offered in this field.

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 lower 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 upper middle school and high school classrooms are included.

4415 THE ART OF STORYTELLING

4 credits

An introduction to source materials for storytelling and the techniques for learning and telling tales. The course includes the selection, adaptation, learning, and presentation of stories for all ages.

Mathematics

Professors R. Boner (Department Chair), Lightner, and Rosenzweig; Associate Professors Clark and Eshleman; Lecturer C. Boner.

Areas of particular teaching interest: Professor Boner: abstract algebra, combinatorics, graph theory, number theory; Professor Lightner: mathematics education, geometry, history of mathematics; 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, provid-

ing individual help and attention to each student. To accomplish this, in addition to regular courses, advanced courses are offered for one to four students whom we think will benefit from a particular subject. Recent courses have included Differential Topology, Galois Theory, Set Theory, Tensor Analysis, and Chaos Theory and Dynamical Systems.

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, Michigan State University, Washington University in St. Louis, Cornell University, The Johns Hopkins University, North Carolina State University, and SUNY at Stony Brook.

Almost every graduate of our program is currently working in a professional position. Places of employment include IBM, Hewlett-Packard, the Pentagon, NASA, the National Security Agency, the Department of Defense, and various actuarial firms. Graduates of our mathematics education program are eagerly sought by school systems throughout Maryland.

Basic Major:

Required Courses:

Mathematics 1117, 1118, 1119, 2218, 2221, 3305, 3316, 3323; two hours of problem seminar; twelve additional hours chosen from Mathematics courses at the 2000 level or above; Computer Science 1106.

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. Minors are also available in Mathematics and Computer Science.

0001 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.

0002 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 0001 or 0003, Mathematics 0002 or 0004.

Quantitative Analysis.

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 0001 or 0003, Mathematics 0002 or 0004.

Quantitative Analysis.

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.

Quantitative Analysis.

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.

Quantitative Analysis.

1119 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.

Prerequisite: Mathematics 1118, or placement by the department.

Quantitative Analysis.

1141 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 Quantitative Analysis requirement.

Prerequisites: Mathematics 0001 or 0003, Mathematics 0002 or 0004, Mathematics 1106.

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 1996 - 1997 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 nonlinear equation, the solution of linear systems, interpolation and approximation, differentiation and integration, and the solution of eigenvalue problems.

Prerequisites: Computer Science 1106, Mathematics 2218.

Offered in 1995-1996 and alternate years.

Cross listed with Computer Science 2210.

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.

Quantitative Analysis.

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.

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.

Prerequisite: Mathematics 1118.

Offered in 1996-1997 and alternate years.

3305 INTRODUCTION TO MATHEMATICAL ANALYSIS **4 credits**

A rigorous 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 seventeenth century.

Prerequisites: Mathematics 1117, 2221.

Offered in 1996-1997 and alternate years.

3312 REAL ANALYSIS **4 credits**

A rigorous 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 1119; Mathematics 3305 is highly 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 1995-1996 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 1119 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 1996-1997 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 rigorous 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 1995-1996 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.

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 Keller, Jr. (Department Chair); Captain Burke; Master Sergeant Gobeil; Sergeant First Class Hull.

No major is offered in this field. However, Military Science can be an integral part of a student-designed major or an elective in any major.

The Army Reserve Officers' Training Corps program, offered at Western Maryland College since 1919, is a means by which both men and women students, when they receive their college diplomas, also are commissioned as Army officers with the rank of Second Lieutenant. Students can be guaranteed part-time service as an officer with the Army Reserve or Army National Guard, or can compete for full-time positions in the Active Army.

Courses are open to both men and women.

Freshman and sophomore students can enroll in the program without obligating themselves to service as an Army officer. 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 who have completed the freshman and sophomore courses or who have received constructive credit for them.

The total number of elective credit hours which can be earned for Military Science courses is 17 (plus 2 if a January Term course is taken).

Military Science can be an integral part of a student-designed major or an elective in any major. The courses are designed to develop the leadership ability of each student.

Cadets attend a weekly one-hour leadership laboratory which provides practical training in skills such as rifle marksmanship, first aid, rappelling, dismounted drill, radio communications, and water survival.

Other optional activities are available for Army cadets. These include parachuting, cross country skiing, and winter survival training. The Ranger Platoon, which specializes in adventure training (rappelling, patrolling, mountain operations and river operations), is a student organization open to all Army cadets.

Freshman and sophomore students can compete for Army ROTC scholarships. These merit scholarships pay \$12,000.00, \$8,000.00, \$5,000.00, or \$1,550.00 toward tuition, plus educational fees and expenses. Scholarship recipients also receive a substantial book allowance (\$450.00 per year) and \$150.00 per month during the academic year; the College waives room costs for all Army ROTC scholarship recipients.

Western Maryland College likewise supplements the Army's scholarship benefits for all students who enter the college as Army ROTC scholarship winners as a result of their participation in the nationwide Army ROTC scholarship competition for high school seniors. These scholarship recipients are considered by the College to receive the remaining tuition plus free room for all four years.

Non-scholarship cadets entering the junior year

and choosing to do so sign a contract with the government. Like scholarship cadets, they receive \$150.00 per month during the academic year, plus pay for attending Advanced Camp (six weeks of training during the summer between their junior and senior years), and agree to complete the Military Science course of instruction and to accept an officer's commission if tendered. Officers serve in a variety of fields, including aviation, medical, personnel, armor, finance, communications, management, infantry, law enforcement, and engineering.

1101, 1102 THE ARMY AS AN INSTITUTION 1.5, 1.5 credits

First semester: An introduction to the U.S. Army, including small unit organization, weapons systems, and the traits and principles of leadership. Second semester: An introduction to using a map and compass to navigate cross-country.

One class period and one practical leadership laboratory period a week. Voluntary adventure training, tactical field training, and weapons firing off campus each semester.

2201, 2202 MILITARY HISTORY AND SCIENCE 2.5, 2.5 credits

First semester: A study of American military history. Emphasis on the strategy, tactics, and planning of battles. Second semester: Continued study of American military history. The role of the military in support of national policy will be examined.

Two class periods and one practical leadership laboratory period a week. Voluntary adventure training, tactical field training, and weapons firing off campus each semester.

3301, 3302 APPLIED LEADERSHIP 2.5, 2.5 credits

Theory and principles of small unit leadership and practical application; the principles of war; the chain of command and the roles of the officer and non-commissioned officer; small unit tactics; advanced land navigation; physical and mental conditioning. Emphasis is placed on teamwork and mission accomplishment, and prepares the cadet for success at Advanced Camp.

Prerequisite, permission of the department head.

Two class periods and one practical leadership laboratory period per week. At least one weekend field training exercise each semester.

4401, 4402 RESPONSIBILITIES OF OFFICERSHIP 2, 2 credits

A study of officership as a profession and of the ethics associated with the profession; the Uniform Code of Military Justice; command and staff functions; the Army training management system; written and oral communications; Army personnel management systems.

Prerequisite: permission of the department head.

Two class periods and one practical leadership laboratory period per week. At least one weekend field training exercise each semester.

Music

Associate Professor Boudreaux (Department Chair); Assistant Professors Armstrong and Caldwell; Senior Lecturer Kreider; Lecturers Bachman, Bailey, Baxter, Connell, Crowder, Eckard, Engler, Hooks, Horneff, Kirkpatrick, List, Seligman, Tippet and Tseng.

Areas of particular teaching interest:

Professor Boudreaux: choir, music history; Professor Armstrong: music history; Professor Caldwell: theory and composition, single reeds; Senior Lecturer Kreider: piano and music history; Lecturer Eckard: jazz; and Lecturer 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 Music 1101-1105, 1110-1122 to 8 of the 128 hours required for graduation.

Basic Major:

Required Courses:

Music 1131, 1132, 2201, 2202, 2203, 2204; four additional hours in music history at the 2000 level; four additional hours at the 2000 level in Music History or Music Theory, part or all of

which may be special studies; 8 hours of applied music lessons, at least 6 credits on one major instrument. Majors other than piano must study 2 credits of piano at the discretion of the music faculty; majors must give one public recital. (The final 3 semesters of private study before the senior recital should be in the major instrument.) Majors must participate in a department musical performance group each semester in residence and must attend 5 department-sponsored recitals per semester.

Other Educational Options in Music:

The department also offers a minor in music, certification in Music Education (middle/high school, either choral or instrumental), and a dual major in Musical Theatre.

Applied Music courses do not fulfill the Literature and Fine Arts Distribution requirement.

0001-0024 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.

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.

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.

1105 GOSPEL CHOIR
0-1 credit

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.

1110-1122 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

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.

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.

Literature and Fine Arts.

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.

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: permission of the instructor.

One year of music theory recommended.

Offered as needed.

1154 WOODWIND PEDAGOGY
1 credit

An analysis of the principles and practices current in the teaching of woodwind instrument.

Prerequisite: permission of the instructor.

One year of music theory recommended.

Offered as needed.

1155 PERCUSSION PEDAGOGY**1 credit**

An analysis of the principles and practices current in the teaching of percussion instruments.

Prerequisite, permission of the instructor.

One year of music theory recommended.

Offered as needed.

1156 BRASS PEDAGOGY**1 credit**

An analysis of the principles and practices current in the teaching of brass instruments.

Prerequisite, permission of the instructor.

One year of music theory recommended.

Offered as needed.

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, permission of the instructor.

At least two semesters of applied voice or voice class.

Offered as needed.

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.

Offered as needed.

2201, 2202 ADVANCED MUSIC THEORY I, II**4, 4 credits**

The continuation of Music 1131, 1132 through the use of remote harmonies, twentieth century compositional styles, counterpoint, and form. Special emphasis will be given to analysis.

Prerequisite, Music 1132, or permission of the instructor.

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 twentieth century, observed against the backdrop of cultural history.

Heritage Sequence, Literature and Fine Arts.

2208 MUSIC IN THE UNITED STATES**4 credits**

A survey of the cultivated traditions of American music, from colonial times to the present.

Offered in 1995-1996 and alternate years.

Literature and Fine Arts.

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.

Offered in 1996-1997 and alternate years.

Literature and Fine Arts.

2212 WORLD MUSIC**4 credits**

Surveys in musical traditions other than those of the Western European-American stylistic periods.

Global Awareness, Literature and Fine Arts.

Cross listed with Cross Cultural Studies 2212.

2214 MASTERS IN MUSIC**4 credits**

A study of one major composer's life and representative composition.

Offered as needed.

Literature and Fine Arts.

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.

Offered in 1996-1997 and alternate years.

Literature and Fine Arts.

Cross listed with Theatre Arts 2216.

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 phoeneticization will be used.

Prerequisite, at least two semesters of applied voice or voice class.

3309 COUNTERPOINT**4 credits**

Study of 18th century counterpoint with an emphasis on both analysis and composition.

Prerequisites: Music 1132 and permission of instructor.

Offered in 1996-1997 and alternate years.

3310 FORM AND ANALYSIS**4 credits**

Detailed study of the structural principles and forms of tonal music.

Prerequisites: Music 1132 and permission of instructor.

Offered in 1995-1996 and alternate years.

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 1132, 2202, basic keyboard skills, and permission of the instructor.

Co-requisite: participation in the College Band.

Offered as needed.

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 1132, 2202, basic keyboard skills and permission of the instructor.

Co-requisite: participation in the College Choir.

Offered as needed.

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.

4403 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.

Prerequisite: Music 1134, or permission of the instructor.

Offered as needed.

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.

Philosophy

Associate Professors Alles (Department Chair) and Wu.

Areas of particular teaching interest:

Professor Alles: religions of South Asia and the Mediterranean world, history methods of the study of religions; Professor Wu: contemporary philosophy, East Asian studies, philosophy of science.

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.

Students may plan their programs for general liberal education, for graduate study, or for special objectives in related fields.

Basic Major:

Required Courses:

Philosophy 1113 and 1114; one course from Philosophy 1105, 2210, 2246, 2250; four hours from Philosophy 2265, 2266, 3365, 3366; Philosophy 4492; 20 hours of additional Philosophy courses.

Other Educational Options in Philosophy:

Dual major in Philosophy and Religious Studies, and special programs combining Philosophy and other disciplines.

1101 BASIC QUESTIONS I

4 credits

A study of selected thinkers dealing with fundamental concepts and of the methods for dealing with issues reflectively and coherently. The course will include theory of knowledge, theory of reality, scientific thinking, and legal/political philosophy. *Humanities.*

1102 BASIC QUESTIONS II

4 credits

A study of selected thinkers dealing with fundamental concepts and of the methods for dealing with issues reflectively and coherently. The course will include ethics, values, personhood, and social philosophy. *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-Platonist, 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 the Post-Renaissance through focusing upon the Rationalists and Empiricists of the 17th and 18th century. The course includes early developments in political and scientific thinking and thinkers such as Marsiglio of Padua, Jean Bodin, Machiavelli, Francis Bacon, Leonardo da Vinci, Johannes Kepler, and Galileo. Detailed attention will be given to Hobbes, Descartes, Spinoza, Leibniz, Newton, Locke, Berkeley, Hume, and Kant, and will include extensive reading from original sources.

Prerequisite, Philosophy 1113.

Heritage Sequence, Humanities.

2202 ZEN AND CREATIVITY

4 credits

A study of Zen's way of life through a close look at the Zen classics, Zen practicals, 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 Awareness and 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 exist-

tentialist 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.

Offered as needed.

Humanities.

Cross listed with Business Administration 2210.

2215 REVOLT AND REVOLUTION IN THE NINETEENTH CENTURY
4 credits

A study of the major figures and the movements they initiated which brought about critical and radical changes in thinking about history, religion, morality, society, and the nature of human existence. Thinkers will include Hegel, Marx, Feuerbach, Schopenhauer, Kierkegaard, Comte, Mill, Darwin, Spencer, and Nietzsche. Movements will include existentialism, utilitarianism, evolution, positivism, and nihilism.

Offered as needed.

Humanities.

2216 THE AMERICAN EXPERIENCE
4 credits

A study of major thinkers, writers, and movements from Puritanism through Pragmatism. Figures will include Edwards, Emerson, Thoreau, Peirce, James, Dewey, Santayana, Royce, and Whitehead.
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 Awareness and Humanities.

Cross listed with Cross Cultural Studies 2219.

2223 LOGIC AND CRITICAL THINKING
4 credits

An introduction to the fundamentals of deductive and inductive logic and their application to the solution of problems in such fields as science, ethics, philosophy, religion, law, and contemporary social issues. The course will include the functions of language and the forms of discourse, the principles and methods of evaluating arguments and evidences, and the strategies of rational decision-making.

Humanities.

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 Awareness, Humanities.

Cross listed with Cross Cultural Studies 2225.

2246 ETHICS AND THE ENVIRONMENT
4 credits

A critical examination of the theories and related practices that deal with the ethical issues concerning the environment. The course will include the Native American approach, several religious traditions, animal rights, the wilderness ethic, deep ecology, eco-feminism, the aesthetic view, and anthro-

pocentrism. Consideration will also be given to the role of science and the role of moral philosophy.

Offered as needed.

Humanities.

2250 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 2250.

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."

Offered as needed.

Global Awareness and Humanities.

Cross listed with Cross Cultural Studies 3302 and Religious Studies 3302.

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.

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

Associate Professor Pagonis; Assistant Professor Guerra (Department Chair).

Areas of particular teaching interest: Professor Pagonis: solid state physics, microcomputers, archaeological dating; Professor Guerra: laser based systems in environmental studies.

Physics deals with the most basic aspects of the natural world, and is characterized by its emphasis upon the analysis and solution of those problems that the study of nature presents.

The Physics major is designed to provide students with knowledge of and experience in the basic concepts and methods used in physics. This background is appropriate for further study in a variety of areas, including law, medicine, teaching, the social sciences, engineering, mathematics, computer science, and the natural sciences (astronomy, biology, chemistry, geology, meteorology,

oceanography as well as physics itself). By a judicious choice of electives, the student with an undergraduate major in physics can prepare for entry into graduate and professional study in any of these fields.

Basic Major:

Required Courses:

Physics 1101, 1102, 2204, 2211, 2212, 3311; four hours from 3307, 3309, 3312, 4402; Chemistry 1103, 1104; Mathematics 1117, 1118; and four hours from Computer Science 1106, or Mathematics 1119, 2218, 3304.

Other Educational Options in Physics:

Dual major with Mathematics, Pre-Engineering, Professional major, Teacher Certification Secondary (middle/high school).

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, special relativity, 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 with laboratory.

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.

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 1995-1996 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 1996-1997 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.

3307 PHYSICAL CHEMISTRY I 4 credits

The laws of thermodynamics, equilibria, electrochemistry, chemical kinetics, introductory quantum and statistical mechanics. Sufficient computer programming is introduced in the laboratory to allow treatment and interpretation of laboratory data.

Course includes laboratory.

Prerequisites, Physics 1102, Mathematics 1118, Chemistry 1104, or permission of the instructor.

Cross listed with Chemistry 3307.

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 1995-1996 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 1996-1997 and alternate years.

3312 ADVANCED CLASSICAL PHYSICS
4 credits

Advanced topics in mechanics, and in electricity and magnetism. Included are Lagrangean and Hamiltonian formulations of mechanics, Maxwell's equations, electromagnetic waves, and relativistic dynamics. Other topics will be chosen to meet the needs of the students enrolled.

Prerequisite, Physics 2212.

Offered as needed.

4402 INTRODUCTORY QUANTUM MECHANICS
4 credits

Origins of quantum theory, the Schrödinger equation, physical meaning of quantum mechanics, solutions of one- and three- dimensional problems.

Prerequisites, Physics 2204, 2211, or Chemistry 3308.

Offered as needed.

Cross listed with Chemistry 4402.

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 Weber (Department Chair) and H. Smith; Associate Professors Leahy and Neal.

Areas of particular teaching interest: Professor Weber: international law, American foreign policy, political gaming and simulation; 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.

The curriculum in political science is directed towards an understanding of National and International Studies with particular emphasis on preparing students for the study of law, for graduate school, and for responsibilities in political, administrative, educational, and social fields.

Opportunity is afforded to a limited number of students to participate in off-campus programs—the Drew University Semester at the United Nations or in Brussels, the Washington Semester at The American University.

Basic Major in Political Science:

Required Courses:

Political Science 1101; 2221 or 2222; 4492; four hours from Political Science 1198, 1199, 2298, 2299, 3398, 3399, 4498, 4499; twelve hours from Political Science 2201, 2202, 2207, 2216, 3305, 3308, 3319; twelve hours from Political Science 2203, 2204, 2213, 3307, 3310, 3317.

Other Educational Options in Political Science:

Dual majors with Economics, English, a Foreign Language, History; Pre-Legal; Teacher Certification Secondary (middle/high school) Social Studies. Minors are also available in Political Science and International Studies.

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 Sciences.

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 Sciences.

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 Sciences.

2203 INTERNATIONAL LAW AND ORGANIZATION **4 credits**

An inquiry into the nature and scope of international law, with emphasis on jurisdiction, nationality, territory, international agreements, state responsibility, force, and war.

Social Sciences.

2204 WORLD POLITICS **4 credits**

A study of the patterns of political interaction between international actors, the nation-state system, causes of war, conflict resolution, and some global issues such as hunger and environment.

Social Sciences.

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 Sciences.

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 Sciences.

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.

Offered as needed.

Social Sciences.

2221 EARLY WESTERN 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 Sciences.

2222 MODERN WESTERN POLITICAL THOUGHT **4 credits**

A survey of the ideas of the great political thinkers from Machiavelli to the present. The course will examine the political ideas embodied in liberalism, the reformation, conservatism, and various contemporary ideologies.

Heritage Sequence, Social Sciences.

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 Sciences.

Cross listed with Business Administration 3305.

3307 UNITED STATES FOREIGN POLICY PROCESS

4 credits

A survey of U.S. foreign policy since World War II. American approaches to such issues as containment, detente, arms control, deterrence, international law, and third world economic development will be discussed. United States foreign policy formulation, including the roles of the public, congress, and the president in the process, will be included.

Offered as needed.

Social Sciences.

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 Sciences.

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 environmental development politics are also included.

Global Awareness, Social Sciences.

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, political, and economic similarities and differences of the communist regimes of the former Soviet Union and China, and of the postcommu-

nist Russia and reformist China. Both systems are compared in terms of their departures from Orthodox Marxism. Theoretical paradigms that attempt to predict the future of these regimes are also analyzed.

Global Awareness, Social Sciences.

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 Sciences.

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, Associate Professors Colyer (Department Chair), Hughes, and Orenstein; Lecturer MacLean-Blevins.

Areas of particular teaching interest: Professor Miller: abnormal behavior, adulthood and aging, psychotherapy, clinical neuropsychology; Professor Colyer: learning, cognitive behavior modification, developmental psychology; Professor Hughes: industrial psychology, organizational behavior, psychological assessment, social psychology; Professor Orenstein: human memory, psychophysiology of sleep, perceptual learning.

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 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.

Basic Major:

Required Courses:

Psychology 1106, 2201, 2211, 2223, 2224; four hours from Psychology 3329, 3330, 3340; and sixteen additional hours of Psychology.

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.

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, work place 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 and/or behavioral intervention. 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.

2207 CHILD DEVELOPMENT **4 credits**

A critical survey of research problems and theories pertaining to child behavior; review and application of principles of learning in early childhood.

Prerequisite, Psychology 1106.

2211 PSYCHOLOGY OF ABNORMAL BEHAVIOR **4 credits**

The incidence, causes, treatment, and prevention of disorganized behavior of persons.

Prerequisite, Psychology 1106.

2220 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

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 Business Administration 2220.

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 0001 or 0003, Mathematics 0002 or 0004.

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. Quantitative Analysis.

3303 THEORIES OF PERSONALITY

4 credits

An overview of the major theories of personality. Emphasis will be on the normal personality in a culturally diverse world.

Prerequisite, Psychology 1106.

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; life review, reconciliation, and termination.

Prerequisite, Psychology 1106.

Cross listed with Sociology 3308.

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, emotion, learning, and memory.

Prerequisite, Psychology 1106.

3330 PSYCHOLOGY OF PERCEPTION

4 credits

An information processing approach to contemporary issues in perception. Topics include analysis of signal detectability, selective attention, taste perception, figure formation, illusions, visual stability, memory, novelty, and space, time, and motion perception.

Prerequisite, Psychology 1106.

3335 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.

Course includes a 15-hour practicum experience.

Prerequisites: Psychology 1106, 2211.

3338 LABORATORY 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 humans with focus on neuropsychological assessment.

Prerequisite: Psychology 1106.

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 stu-

dents 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 (Department Chair) and Wu; Lecturer Maxey.

Areas of particular teaching interest:

Professor Alles: religions of South Asia and the Mediterranean world, history methods of the study of religions; Professor Wu: contemporary philosophy, East Asian studies, philosophy of science.

In Religious Studies, students are encouraged, by exposure to a variety of religious expressions and beliefs, to develop attitudes and convictions of their own while gaining an appreciation for the meaning of religion in the lives of people throughout the ages and across cultures.

Fundamental to our approach is the comparative study of world religions, which includes historical and phenomenological methods. While we engage in the academic study of religion as an empirical dimension of human life, we do not espouse one single religious tradition.

The departmental curriculum is divided into historical/interpretive courses, e.g., Religion of the Ancient World and Sacred Architecture and ethical/critical courses, e.g., God and the Holocaust and Liberation Movements and Human Freedom.

Basic Major:

Required Courses:

Religious Studies 1101 or 1102, 2240, 4492; 8 hours from Historical-Interpretive Religious Studies; 8 hours from Ethical-Critical Religious Studies; 4 hours from Religious Studies at the 2000 level or higher, 8 hours from History 1105, 1106, 2213, 2214, 3315.

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 level or above.

1101 WAYS OF BEING RELIGIOUS**4 credits**

The nature and meaning of religion as a dimension of human life. A general overview of the significance of myth, symbol, ritual, and the sacred is followed by emphasis on pilgrimage, initiation, and the priestly and prophetic modes of religion. Historical, phenomenological, and comparative methods will be used.

*Humanities.***1102 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.***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.

*Offered as needed.**Humanities.***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.

*Offered as needed.**Humanities.***2213 HEBREW BIBLE****4 credits**

An examination of the historical background, composition, and dominant religious themes of the books of the Hebrew Bible (Old Testament) as well as the use of these writings as sacred scripture.

*Humanities.***2214 CHRISTIAN SCRIPTURES****4 credits**

An examination of the historical background, composition, and dominant religious themes of the books of the Christian Scriptures (New Testament) and related writings, as well as the use of these writings as sacred scripture.

*Humanities.***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.

*Offered as needed.**Humanities.***2221 GANDHI AND TAGORE: THEIR IMPACT ON TWENTIETH CENTURY INDIA****4 credits**

The influence on modern India of the lives and thoughts of these two giants in politics and literature. Special attention is given to Gandhi's understanding of non-violence and to the varied literary output of Tagore and both men's contributions to Indian independence. A significant by-product will be a deeper understanding of Hindu world-view.

*Offered as needed.**Global Awareness, Humanities.**Cross listed with Cross Cultural Studies 2221.***2230 GOD, HUMAN SUFFERING, AND THE HOLOCAUST****4 credits**

An examination of significant questions related to the so-called "problem" of evil. Why do innocent people suffer in a world governed by a good God? How can we talk of God after Auschwitz? The course focuses on several forms of human suffering with particular attention to the Nazi Holocaust.

*Offered as needed.**Humanities.***2240 RELIGION AND CRITICAL THOUGHT**

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.

2253 JUDAISM, CHRISTIANITY, AND ISLAM
4 credits

A study in some detail of the major monotheistic 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 indigenous Americans.
Offered as needed.

Global Awareness, Humanities.

Cross listed with Cross Cultural Studies 2254.

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 Awareness, 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).

Offered as needed.

Global Awareness, Humanities.

Cross listed with Cross Cultural Studies 2256.

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."

Offered as needed.

Global Awareness, Humanities.

Cross listed with Cross Cultural Studies 3302 and Philosophy 3302.

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).

Offered as needed.

Humanities.

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.

Offered as needed.

Global Awareness, Humanities, Literature and Fine Arts.

Cross listed with Art History 3305 and Cross Cultural Studies 3305.

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.

Offered as needed.

Global Awareness, Humanities.

Cross listed with Cross Cultural Studies 3306.

3320 CRITICAL ISSUES IN RELIGIOUS THOUGHT
4 credits

An attempt to engage religious thought in an intellectual exchange with other world-views represented by psychoanalysis (Freud), biological science (Darwin), and social theory (Marx).

Offered as needed.

Humanities.

3321 COMPARATIVE MYTHOLOGY
4 credits

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

Global Awareness, Humanities, Literature and Fine Arts.

Cross listed with Cross Cultural Studies 3321 and Comparative Literature 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.

4492 SENIOR THESIS**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

Associate Professor Rees (Department Chair);
Assistant Professor Galambos.

Areas of particular teaching interest: Professor Rees: human relations in the work place, family; Professor Galambos: gerontology and long term care.

The primary purpose of the Social Work Department is to prepare social work students for an entry level generalist practice. The department supports a basic understanding of various client systems—individuals, families, groups, organizations, and communities, and the various 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. This program is nationally accredited by the Council on Social Work Education as meeting the standards for undergraduate social work programs preparing for practice. Graduates of this program can move directly into social work positions or may enter some graduate schools of social work with advanced standing. A limited number of students qualify to participate in off-campus programs such as those available in American urban centers, Appalachia and abroad.

The department respects the diversity of client populations and lifestyles and strives to achieve an effective balance between these factors and social work practice. The department supports the development of an understanding of the biopsychosocial components within the person/environment equation.

The department also supports the uniqueness of all students and the growth and development of their professional self.

Basic Major:***Required Courses:***

Social Work 1102, 2202, 2214, 2217, 2218, 3322, 3325, 3349, 4409, 4415, 4416, 4417, 4418.

1102 INTRODUCTION TO SOCIAL WORK
2 credits

An overview of social work in the social welfare system. Emphasis is on characteristics as a helping profession and the expectations of persons trained in this field. Students will be assigned 15 hours at a local social service agency as a participant observer.

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 present novels, films, and television works to analyze and assess family roles and behavior. Students will participate in a family intervention project.

Prerequisite, Sociology 1103.

Cross listed with Sociology 2202.

2214 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT
4 credits

A theoretical base for understanding individuals as they develop and have membership in families, groups, organizations, and communities. Emphasis is on interaction of persons and society against the background of varied societal opportunities and expectations, integration of related social science knowledge. Students are expected to participate (15 hours) in Social Work Club-sponsored community activities.

Prerequisite, Sociology 1103.

Cross listed with Sociology 2214.

2217 SOCIAL WELFARE AS A SOCIAL INSTITUTION
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 the role of the social worker in these systems. The stu-

dent will learn to identify social problems within the social welfare system and to develop alternative solutions to these problems. Students will be assigned to local social work agencies (15 hours) as participant observers.

Prerequisite, Social Work 1102.

2218 SOCIAL WELFARE POLICY
4 credits

An in-depth exploration of the process of social welfare policy development. The course will focus on the identification of variables that shape human service delivery systems. Students will be introduced to several models of policy analysis. Students will analyze a social policy on the local, state, or federal level, and participate (15 hours) in the political process.

Prerequisite, Social Work 2217.

3318 SOCIAL WORK IN SPECIAL PRACTICE FIELDS
4 credits

An in-depth study of programs and policies in a specialized area of social service. Unique needs of the service population and appropriate intervention techniques are emphasized.

Prerequisite, Social Work 2217.

3322 SOCIAL WORK PRACTICE I
4 credits

An introduction to the conceptual framework for generalist practice with individuals, families, groups, and communities. Students are introduced to the common knowledge, values, techniques, and skills which serve as the foundation for social work practice with a variety of client systems. The theoretical framework is an ecosystems perspective which emphasizes the interplay between person and environment. Students will be assigned to local social work agencies as participant observers.

Prerequisite, Social Work 2217.

3325 MANAGING SYSTEMS IN THE 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. *Social Science*.

Cross-listed with Business Administration 3325 and Sociology 3325

3349 METHODS OF SOCIAL WORK RESEARCH
4 credits

The application of techniques of social research to the study of social work problems and programs. Research projects for community social agencies are designed and conducted by the students.

Prerequisites: Social Work 2217, Statistics 2215.

4409 SOCIAL WORK PRACTICE II
4 credits

An introduction to a variety of techniques and models to be 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 process evaluation, social work ethics, gender, class, and multiculturalism, and introduce techniques for incorporating these elements within practice. Students will participate in a macro intervention project.

Prerequisites: Social Work 2217, 3322.

4415, 4416 FIELD INSTRUCTION SEMINAR I, II
2, 2 credits

Weekly seminar focusing on integration of social work concepts and theories with field instruction. Assignments are related to students' agency experiences.

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 Professor Tait; Assistant Professor Lemke (Department Chair).

Areas of particular teaching interest: Professor Tait: social research, juvenile delinquency, gerontology; Professor Lemke: social theory, social stratification, urban sociology, gender roles.

Students majoring in sociology may prepare for graduate study in criminal justice, liberal arts, management, and sociology. Some graduates move directly into careers in law enforcement, business, law school, social service or education and government service.

Basic Major:

Required Courses:

Sociology 1103, 3319, 3351; Social Work 2214 or Psychology 2204; Psychology 1106; Statistics 2215; 8 hours from Sociology 1108, 2203, 2212, 3316; at least twelve additional hours of Sociology at the 2000 level or above.

Other Educational Options in Sociology:

Criminal Justice, Human Relations-Supervision and Management, Industrial and Government Organization, Teacher Certification (K-6 and 7-12). The department also offers a minor in Sociology.

1103 INTRODUCTORY SOCIOLOGY

4 credits

An introduction to the discipline of Sociology. Analysis of social organization, the nature of culture and personality, groups and human interactions, sociological definitions, concepts, and usages are emphasized as basic to a sound sociological perspective.

Social Sciences.

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 Awareness, Social Sciences.

Cross listed with Cross Cultural Studies 1108.

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 present novels, films, and television works to analyze and assess family roles and behavior. Students will participate in a family intervention project.

Prerequisite, Sociology 1103.

Cross listed with Social Work 2202.

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; techniques of mapping and planning land use; an analysis of urbanism as a way of life.

Prerequisite, Sociology 1103.

2204 SOCIAL PSYCHOLOGY

4 credits

A study of group behavior and social interaction as explained through social psychological principles and phenomena. This course provides a survey of how or what people think, believe, or do as altered by the presence of other people. Topics include attitudes, attitude change, social perception, social influence, the nature of altruism, prejudice and group dynamics.

Prerequisite, Psychology 1106.

Cross listed with Psychology 2204.

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 society reaction to the crime phenomenon.

Prerequisite, Sociology 1103.

2210 POPULATION

4 credits

The study of demographic growth, distribution, and changes in population of the United States and other areas of the world; food, water, and natural resources distribution problems.

Prerequisite, Sociology 1103.

Offered as needed.

2212 SOCIAL STRATIFICATION AND INEQUALITY

4 credits

A survey of classical and contemporary theories and research dealing with the development and consequences of inequality in small groups and large societies. Topics include the emergence of hierarchies in groups, distributive justice and status consistency, class conflict, social mobility, diversity of and within social groups, and the relations between status and conformity deviance.

Prerequisite, Sociology 1103.

Offered in 1995-1996 and alternate years.

2214 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT

4 credits

A theoretical base for understanding individuals as they develop and have membership in families, groups, organizations, and communities. Emphasis is on interaction of persons and society against the background of varied societal opportu-

nities and expectations, integration of related social science knowledge. Students are expected to participate (15 hours) in Social Work Club-sponsored community activities.

Prerequisite, Sociology 1103.

Cross listed with Social Work 2214.

2245 ETHNOGRAPHY OF THE AMERICAN INDIAN

4 credits

An archaeological and ethnographic analysis of Indian cultures in the Americas, from the early hunters to the high cultures of Maya, Inca, and Aztec including the impact of western civilization up to modern times, and future options and trends.

Offered in 1995-1996 and alternate years.

Global Awareness, Social Sciences.

Cross listed with Cross Cultural Studies 2245.

2250 SOCIOLOGY OF DEVIANT AND DELINQUENT BEHAVIOR

4 credits

The study of deviance (violation of societal norms) using six theoretical perspectives. The perspectives are analyzed and evaluated in terms of theory, research evidence, and policy implications. Juvenile delinquency, as one form of deviance, is emphasized with a focus on both theories of causation and programs or prevention.

Prerequisite, Sociology 1103.

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; life review, reconciliation, and termination.

Prerequisite, Psychology 1106.

Cross listed with Psychology 3308.

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. Particular attention is given to the historical development of punishment and correction with material drawn from ancient to current practice. Students will participate in field trips to three different types of prisons.

Prerequisite, Sociology 2205.

3316 COMPLEX ORGANIZATIONS

4 credits

A study of complex business, industrial, and governmental organizations as operating social systems; patterns of relationships within the hierarchy of these organizations, the nature of restructuring processes, and the relationships between large-scale organizations and society. Networking and quality circles techniques are introduced. Each student will conduct a structured and functional analysis of a complex organization.

Prerequisite, Sociology 1103.

Cross listed with Business Administration 3316.

3319 THE DEVELOPMENT OF SOCIOLOGICAL THEORY

4 credits

The study of social theory with major emphasis on the contributions of 18th, 19th, and 20th centuries to the development and understanding of current systems of sociological thought.

Prerequisite, twelve semester hours of sociology.

3325 MANAGING SYSTEMS IN THE 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.

Social Sciences.

Cross listed with Business Administration 3325 and Social Work 3325.

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 Sciences.

Cross listed with Religion 3328.

3351 METHODS OF SOCIAL RESEARCH**4 credits**

The application of the basic techniques of social research to the study of various sociological phenomenon. The emphasis is upon the student designing, constructing survey data instruments, and completing a research project.

Prerequisites, Sociology 1103 and twelve additional hours of Sociology.

**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 and permission of the instructor.

**2295; 2296; 3395; 3396; 4495; 4496
INTERSHIPS 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.

Statistics

Professors Law (Department Chair), Claycombe and Seidel.

Areas of particular teaching interest:

Professor Law: international economics, macro-economics; Professor Claycombe: industrial organization, managerial economics; Professor Seidel: money and banking.

No major is offered in this field.

**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. Examples are used from all the social sciences.

Prerequisites, Mathematics 0001 or 0003, Mathematics 0002 or 0004.

Not open to students who have completed Mathematics 3324.

Quantitative Analysis.

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.

Quantitative Analysis.

Theatre Arts

Associate Professors Domser and R. Miller (Department Chair).

Areas of particular teaching interest: Professor Domser: Design and Technical Production, Theatre Management; Professor Miller: Acting, Theatre History, Dramatic Literature.

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.

Basic Major:

Required Courses:

Theatre Arts 1111, 1113, 3392; twelve hours from Theatre Arts 2225, 2226, 2227, 2284; twelve hours from Theatre Arts 2241, 2242, 2243, 2244, 2245, 2246, 2247, 3320, 3328; two hours from 3330, 3332, 3334, 3336, 3338, 3340.

Other Educational Options in Theatre Arts:

Dual majors with Communication, English and Music (Musical Theatre); minors in Theatre Arts and Film and Video Studies.

1111 STAGECRAFT

4 credits

An introduction to the theory and practice of stagecraft in theatre, film, and video. Concentration is on basic drafting, stage management, carpentry, rigging, and electronic skills.

1113 ACTING

4 credits

The development in each student of the physical, vocal, emotional, and interactive creativity necessary to imaginative theatrical performance.

1119 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.

Literature and Fine Arts.

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.

Offered in 1996-1997 and alternate years.

Literature and Fine Arts.

Cross listed with Music 2216.

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. The course treats 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, Literature and Fine Arts.

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 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, Literature and Fine Arts.

Cross listed with Comparative Literature 2226.

2227 THE CONTEMPORARY THEATRE
4 credits

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

Offered in 1995-1996 and every third year.

Literature and Fine Arts.

Cross listed with Comparative Literature 2227.

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 as needed.

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 as needed.

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 as needed.

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 as needed.

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.

Offered as needed.

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.

Offered as needed.

2247 ACTING STYLES**4 credits**

A practical acting course exploring the major styles required by great theatrical texts, from the Greeks to Theatre of the Absurd. Emphasis is on

text analysis and research, relevant exercises in imagination, voice and movement, and work on scenes and monologues.

Prerequisite, Theatre Arts 1113.

Offered in 1996-1997 and every third year.

2263 SHAKESPEARE**4 credits**

A study of Shakespeare's major works from the poetry through the major tragedies.

Literature and Fine Arts.

Cross Listed with English 2263.

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 nineteenth century to the present.

Offered in 1996-1997 and every third year.

Literature and Fine Arts.

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 permission of the instructor.

Offered in 1996-1997 and every third year.

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 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 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.

Prerequisites: Theatre Arts 2244 and 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 or Communication 3337, and permission of the instructor.

This course may be repeated for credit.

3392 DRAMA WORKSHOP
4 credits

A seminar designed for theatre majors, minors and others interested in advanced problems in the interpretation and performance of theatrical texts. The 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: Theatre Arts major, dual major or minor with junior standing, or permission of the instructor.

This course may be repeated for credit.

Offered in 1995-1996 and alternate years.

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.

COLLEGE ORGANIZATION

PRESIDENTS

- 1867-1886 James Thomas Ward, D.D.
 1886-1920 Thomas Hamilton Lewis,
 A.M., D.D., LL.D.
 1920-1935 Albert Norman Ward, A.B.,
 A.M., D.D.
 1935-1947 Fred Garrigus Holloway,
 A.B., B.D., D.D., LL.D., L.H.D.
 1947-1972 Lowell Skinner Ensor, B.A.,
 B.D., D.D., L.H.D., LL.D.
 1972-1984 Ralph Candler John, B.A.,
 S.T.B., S.T.M., Ph.D., L.H.D., Lit.D.
 1984- Robert Hunter Chambers, III,
 A.B., B.D., Ph.D.

Lawrence Blumberg '67 (1990)
 Orthopedic Surgeon, President & CEO
 Cohen & Blumberg, M.D., P.A.
 Lutherville, Maryland

Carol A. Carter '69 (1993)
 Associate Vice President Development
 Carnegie-Mellon University
 Pittsburgh, Pennsylvania

Priscilla Caskey (1993)
 Attorney
 Whiteford, Taylor and Preston
 Riderwood, Maryland

Wayne K. Curry '72 (1990)
 Attorney & Prince George's County Executive
 Mitchellville, Maryland

William B. Dulany '50, LL.D. '89 (hon.) (1976)
 Managing Partner
 Dulany & Leahy
 Westminster, Maryland

Kevin F. Hanley '72 (1993)
 Orthopedic Surgeon
 Davidsonville, Maryland

Martin K. P. Hill (1993)
 President/CEO
 Masonry Contractors, Inc.
 Lineboro, Maryland

Robert A. Howell (1989)
 Clinical Professor &
 Special Assistant to the President
 American Graduate School of
 International Management
 New York University
 Wilton, Connecticut

Leon Kaplan (1994)
 Chief Executive Officer
 Chesapeake Health Plan, Inc.
 Baltimore, Maryland

William S. Keigler, L.H.D. '91 (hon.) (1980)
 President (Retired)
 The C.M. Kemp Mfg. Company
 York, Pennsylvania

Catherine S. Kiddoo '46 (1982)
 Community Leader
 Gibson Island, Maryland

Richard Klitzberg '63 (1994)
 President
 Klitzberg Associates
 Princeton, New Jersey

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 1897-1913 Joshua Webster Hering, A.M.,
 M.D., LL.D.
 1914-1918 Charles Billingslea, D.D.S.
 1919-1922 Elias Oliver Grimes, Esq.
 1922-1928 The Reverend Francis T. Little, D.D.
 1929-1949 The Bishop James Henry Straughn,
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 1949-1963 Franklin Murray Benson, LL.D.
 1963-1968 Brigadier General Robert Joshua
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 1968-1971 Joshua Weldon Miles, LL.B., LL.D.
 1971-1982 Wilbur Day Preston, Jr., J.D.,
 D.C.L.
 1982-1986 Robert Edwin Bricker, B.A., LL.D.
 1986-1991 William Sorrell Keigler, B.S., L.H.D.
 1991- Millard Lee Rice, B.A., Sc.D.

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Towson State University
Lutherville, Maryland

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Host & Executive Producer
The Diane Rehm Show
Washington, D.C.

M. Lee Rice '48, Sc.D. '83 (hon.) (1980)

Business Consultant
Round Hill, Virginia

R. Christine Royer '48 (1994)

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New York, New York

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Mayor, City of Baltimore
Baltimore, Maryland

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Educator (Retired)
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Westminster, Maryland

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Former Business Executive
Davidsonville, Maryland

George F. Varga '61, H.H.D. '92 (hon.) (1989)

Business Executive (Retired)
Atlanta, Georgia

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Educator (Retired)
Denton, Maryland

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Robert B. Brigham Arthritis Center
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Harvard University Medical School
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Attorney (formerly Associate Judge,
Maryland Court of Appeals)
Lutherville, Maryland

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Maryland State Senator
Baltimore, Maryland

Robert E. Bricker '42, LL.D. '84 (hon.) (1974)

Business Executive (Retired)
Blue Bell, Pennsylvania

Mary B. Bryson '35 (1967)

Community Leader
Westminster, Maryland

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Dentist (Retired)
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Minister (Retired)
United Methodist Church
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Chairman, Department of Surgery (Retired)
Medical College of Georgia
Augusta, Georgia

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Business Executive (Retired)
The Black and Decker Corp.
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Chairman of the Board (Retired)
Ellicott Machine Corporation
Towson, Maryland

Eloise Chipman Payne '38 (1978)

Educator (Retired)
Towson, Maryland

Austin E. Penn, LL.D. '74 (hon.) (1961)

Chairman, Executive Committee (Retired)
Baltimore Gas and Electric Company
Catonsville, Maryland

Clementine L. Peterson, D.H. '75 (hon.) (1969)

Community Leader and Patron of the Arts
Baltimore, Maryland

Wilbur D. Preston, Jr. '44, D.C.L. '75 (hon.) (1967)

Attorney
Whiteford, Taylor and Preston
Lutherville, Maryland

Alleck A. Resnick '47, D.C.L. '81 (hon.) (1972)

Attorney
Law Offices of Alleck Resnick
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Educator
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Term expires June 1997:

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Jacqueline Brown Hering ('51), Westminster, MD

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 Julie O. Badiee, Professor of Art History (1998)
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Mary Ann Friday, Executive Secretary

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 B.A., Western Maryland College; M.F.A., California
 Institute of the Arts

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Mary L. Mangold, Assistant Registrar for Scheduling

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 University

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 Minnesota; M.A., University of Florida

Jane Flickinger Sharpe, Catalog Librarian,
 B.S., Millersville University; M.L.A. Western Maryland
 College

Hesmat Badiee, Coordinator of Audio Visual
 Department

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 B.S., M.Ed., Rutgers University

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 Admissions,
 B.A., M.S., Western Maryland College

Lisa Jean Maher, Associate Director of Admissions,
 B.A., M.S., Western Maryland College

Julie Anne Biddinger, Assistant Director of Admissions,
 B.A., Western Maryland College

Douglas Wayne Kelly, Senior Admissions Counselor,
 B.S., Davis and Elkins College

Hope K. Filer, Admissions Counselor,
 B.A., Western Maryland College

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Patricia M. Williams, Director of Financial Aid,
B.S., M.A.S., The Johns Hopkins University

Eleanor L. Geiman, Counselor

Information Services

Edward H. Holthaus, Technical Services Specialist

Sonya L. Horner, Colleague System Administrator

Wallace H. Newsome, Programmer/Analyst

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Massachusetts; Ph.D., Boston College

Judith Ann Hart, Administrative Assistant

Michela O. Patterson, Coordinator of Multi-Cultural
Student Services,

B.A., Western Maryland College

Campus Safety

Michael N. Webster, Director of Campus Safety,
B.S., Northeastern University

Career Counseling and Health Services

Karen Noll Arnie, Director of Career Advising,
B.A., Western Maryland College; M.A., University of
Maryland

Susan J. Glore, Director of Counseling Services,
B.A., M.S., Shippensburg University

Daniel I. Welliver, College Physician,
B.A., Western Maryland College; M.D., University of
Maryland School of Medicine

Bonnie L. Bosley, R.N., Medical Services Coordinator,
A.A., Catonsville Community College

College Activities

Mitchell K. Alexander, Director of College Activities,
B.A., M.Ed., Western Maryland College

Anita Kaltenbaugh, Assistant Director of College
Activities,
B.A., Shippensburg State University; M.A., Indiana
University of Pennsylvania

Religious Activities

Mark Lancaster, Coordinator of Religious Life,
B.A., Frostburg State University; M.Div., Wesley
Theological Seminary

Residence Life

Scott D. Kane, Director of Residence Life,
B.S., State University of New York at Plattsburgh;
M.S., Kansas State University

Charlene R. Kinsey, Assistant Director of
Residence Life,
B.S., Shepherd College

Jude S. Yearwood, Assistant Director of
Residence Life,
B.A., Western Maryland College

Makeba L. Clay, Residence Life Coordinator,
B.A., State University of New York at Albany; M.A.,
Bowling Green State University

Beth Ann Rosko, Residence Life Coordinator,
B.A., Towson State University; M.Ed., University
of Georgia

DIVISION OF 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

Clement J. Ani, Senior Accountant,
B.S., Central State University; M.B.A., Morgan State
University

Maureen L.T. Meloche, Administrative Assistant

Ernest Larry Ogle, Telecommunications Manager

Ruth L. Thomas, Director of Financial Planning and
Budget/Assistant Treasurer,
B.A., Western Maryland College

Arthur Steven Wisner, Director of Financial
Services/Treasurer,
B.S., Iowa State University

Barbara Jane Yantis, Payroll and Accounts Payable
Manager,
B.A., Western Maryland College

Athletics

James Richard Carpenter, Jr., Director of Athletics,
B.S., West Virginia Wesleyan College; M.Ed., Western
Maryland College; Ed.D., West Virginia University

Carol Ann Fritz, Associate Director of Athletics,
B.S., West Chester University of Pennsylvania; M.Ed.,
Western Maryland College; Ed.D., George
Washington University

Catherine Eisenbrandt Easterday, Coordinator of
Aquatic Programs and Lecturer,
B.A., Denison University

Rochelle Lauret, Assistant Trainer and Director of Intramurals,
B.S., M.S., South Dakota State University

Rebecca Lynn Martin, Coach and Lecturer,
B.A., M.Ed., Western Maryland College

Gregg Stuart Nibbelink, Head Athletic Trainer & Lecturer,
B.S., Towson State University; M.S., Ohio State University

David Gobrecht Seibert, Coach and Lecturer,
B.A., M.Ed., Western Maryland College

Head Coaches

Baseball, **David G. Seibert**

Men's Basketball, **Nicholas G. Zoulias**

Women's Basketball, **Rebecca L. Martin**

Cross-Country, **Douglas Renner**

Field Hockey, **Tracey Folio**

Football, **Timothy F. Keating**

Golf, **J. Scott Moyer**

Men's Lacrosse, **Keith R. Reitenbach**

Women's Lacrosse and Swimming, **Catherine E. Easterday**

Men's Soccer, **John Plevyak**

Women's Soccer, **Jennifer Flynn**

Women's Softball, **George Dix**

Men's Tennis, **TBA**

Women's Tennis, **TBA**

Track, **Douglas Renner**

Volleyball, **Carole J. Molloy**

Wrestling, **John Lowe**

Facilities Management & Auxiliary Services

Barry L. Bosley, Director of Facilities Management and Auxiliary Services,
B.S., Salisbury State College; M.S., Hood College

Mary Jo Colbert, Director of Conference Services,
B.S., Erskine College; M.S., Western Maryland College

Katherine Layton Cousins, Special Events Coordinator, Conference Services

M. Joseph Manzer, Golf Club House Manager,
B.S., Loyola College

Kyle Meloche, Assistant Manager, Book Store
B.A., Western Maryland College

Zoe Patton, Manager, Book Store

Mary Colatorti Roloff, Director of Dining 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 Buildings and Grounds

Joseph P. Bentz, Building Maintenance Coordinator

M. Elaine Simpson, Work Orders Coordinator

Personnel

Thomas G. Steback, Director of Personnel Services,
A.A., Marietta College; B.S., St. Francis College; M.S., Western Maryland College

Velva A. Cooper, Assistant Director of Personnel Services,
B.S., Morgan State University

Juanita Young, Personnel Services Assistant

Purchasing and Support Services

Margaret G. Bell, Director of Purchasing/Support Services,
B.A., University of Maryland

Joan L. Stickles, Coordinator, Support Services

Beverly J. Carroll, Support Services Assistant, Copy Center

Esther E. Griffith, Support Services Assistant, Post Office

Student Accounts

Susan Lynn Schmidt, Bursar,
B.S., Towson State University

Diane M. Morris, Assistant Bursar

DIVISION OF INSTITUTIONAL ADVANCEMENT

Richard F. Seaman, Vice President for Institutional Advancement,
A.B., Oberlin College; A.M., Western Reserve University

Beverly Grace Staub, Executive Secretary,
B.S., Shippensburg University

Alumni Affairs

Donna DuVall Sellman, Director of Alumni Affairs,
B.A., Western Maryland College; M.A., Columbia University

Beth Harlow Buckalew, Assistant Director of Alumni Affairs,
B.A., Western Maryland College

Development

Stevenson W. Close, Jr., Associate Vice President and Director of Development,
B.S., Cornell University; M.A., The Ohio State University

Elizabeth Scott, Director of Major Gifts,
B.A., University of Delaware

Sharon L. Bean, Associate Director of Major Gifts,
B.A., Villanova University

Gail Cohen Shaivitz, Associate Director of Major Gifts,
B.A., Goucher College

Lisa H. Freel, Director of Reunion Programs,
B.A., M.S., Western Maryland College

Michelle R. Moses Yearwood, Director of Research
and Records,
B.S., University of Maryland

Vicky E. Shaffer, Assistant Director of Research

Kimberly Stevenson Parks, Director of Annual Giving,
B.A., Goucher College

Vanessa Berger, Assistant Director of Annual Giving,
B.A., University of Maryland

LeRoy Lad Panek, Director of Corporate and
Foundation Relations,
B.A., Marietta College; M.A., Lehigh University;
Ph.D., Kent State University

Brenda J. Carlton, Coordinator of Special Events,
Development

Public Information

Joyce E. Muller, Director of Public Information,
B.S., Towson State University

Kim Asch, Associate Director of Public Information,
B.S., Towson State University

Donald W. Schumaker, Jr., Associate Director of
Public Information,
B.S., Towson State University

Scott E. Deitch, Sports Information Director,
B.A., Susquehanna University

Carol Ann Wetherson, Office Manager and Public
Information Assistant

EMERITI

The dates in parentheses following the listing of each
person are the dates of first appointment and retire-
ment. Persons are listed in order of retirement from
the College.

EXECUTIVE

Ralph Candler John, B.A., S.T.B., S.T.M., Ph.D.,
L.H.D., Litt. D.,
President Emeritus (1972-1984)

ADMINISTRATION

Cora Virginia Perry, B.A., M.L.A., Registrar Emerita
(1936-1977)

Philip Elwood Uhrig, B.A., M.Ed.,
Director of Alumni Affairs Emeritus (1949-1980)

Philip Blettner Schaeffer, B.A.,
Vice President for Business Affairs and Treasurer
Emeritus (1959-1982)

Leonard Stanley Bowlsbey, Jr., B.A., M.Ed., Ph.D.,
Dean of Graduate Affairs and Professor of Education
Emeritus (1969-1989)

Bernice Talbott Beard, B.A., M.L.A.,
Executive Assistant to the President/Secretary to the
Board and College Emerita (1962-1989)

EMERITI FACULTY

Roselda Fowler Todd, B.A., M.A.,
Assistant Professor of Physical Education Emerita
(1930-1965)

Alfred Winfield de Long,
Associate Professor of Music Emeritus
(1936-1969)

Esther Smith, D.F.A.,
Professor of Dramatic Art Emerita
(1926-1970)

Ervin Lajos Szilagyi, L.L. B., B.S., Jur.D., B.F.A.,
Assistant Professor of History of Art Emeritus
(1957-1970)

Reuben Simon Henry Holthaus, A.B., A.M., S.T.B.,
Ph.D.,
Professor of Philosophy Emeritus
(1946-1976)

Jacques Theophile Derasse, Baccalauréat es Lettres,
Certificat d'Aptitude Pédagogique de Lille, Licence
de l'Académie de Paris, Mention Honorable en
Pédagogie de l'Académie 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)

Gerald Edward Cole, B.Mus., M.Mus.,
Professor of Music Emeritus
(1955-1984)

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)

Margaret Woods Denman-West, B.A., M.S.Ed., Ph.D.,
Associate Professor of Education Emerita
(1977-1991)

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)

Charles Chapman Herrman, Jr., B.L.E., B.D., M.A.,
Ph.D.,
Associate Professor of Sociology Emeritus
(1974-1994)

Melvin Delmar Palmer, B.A., M.A., Ph.D.,
Professor of Comparative Literature Emeritus
(1965-1994)

Keith Norton Richwine, B.S.Ed., M.A., Ph.D.,
Professor of English Emeritus
(1962-1994)

Evelyn Hering Winfrey, B.M., M.M.,
Associate Professor of Music Emerita
(1951-1994)

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)

Katherine Loose Falconer, B.A., M.L.A.,
Assistant Librarian Emerita
(1968-1995)

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, Laurence J. Adams
Distinguished Chair in Special Education Emeritus
(1973-1995)

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, Assistant Professor of Music,
B.M., M.A., California State University, Long Beach;
Ph.D., The University of Michigan. (1995)

Julie Oeming Badiée, Professor of Art History,
B.A., M.A., Ph.D., University of Michigan. (1978)

**Herman E. Behling, Jr., Associate Professor of
Education,**
B.S., Kent State University; M.A., D.Ed., Columbia
University. (1988)

Mary M. Bendel-Simso, Assistant 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, Associate 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, Associate 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)

Matthew J. Burke, Assistant Professor of Military Science, B.A., University of Dayton. (1995)

Glenn G. Caldwell, Assistant 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, Instructor in English, B.A., Amherst College. (1995)

Howard Samuel Case, Professor of Exercise Science and Physical Education, B.S., M.Ed., Western Maryland College; Ph.D., The Ohio State University. (1965)

Robert Hunter Chambers, III, Professor of English and President, A.B., Duke University; B.D., Yale University; Ph.D., Brown University. (1984)

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)

Richard Allen Clower, Professor of Exercise Science and Physical Education, B.A., Western Maryland College; M.S., Springfield College; Ed.D., West Virginia University. (1956)

Joan Develin Coley, Professor of Education, Provost and Dean of the Faculty, A.B., Albright College; M.Ed., Ph.D., University of Maryland. (1973)

Stephen Wheeler Colyer, Associate Professor of Psychology, A.B., Gettysburg College; M.A., Ph.D., Temple University. (1970)

Judith Coryell, Associate Professor of Education, B.S.N., San Diego State University; M.A., California State University; Ph.D., University of Rochester. (1994)

Terence A. Dalton, Associate Professor of English, B.A., Lafayette College; M.A., The Pennsylvania State University. (1990)

Cornelius Paul Darcy, Professor of History, B.A., Bowdoin College; M.A., Harvard University; Ph.D., Columbia University. (1963)

Elizabeth Jane DeGroot, Assistant Professor of Communication, B.A., University of Montana; M.S., Ph.D., University of Oregon. (1991)

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)

Richard W. Dillman, Assistant Professor of Communication, B.E.S., The Johns Hopkins University; M.S., Elmira College. (1981)

Ira F. Domser, Associate Professor of Dramatic Art, B.A., Utica College of Syracuse University; M.F.A., Boston University. (1981)

Michael G. Drumbeller, Captain, Field Artillery, Assistant Professor of Military Science, B.A., Lehigh University. (1984)

Linda Dudley, Assistant Professor of Education, B.S., University of Delaware; M.A., Ph.D., University of Maryland. (1992)

Catherine A. Easterday, Coach/Lecturer, Swimming and Women's Lacrosse Head Coach, B.A., Denison University. (1976)

Mohamed Esa, Assistant Professor of Foreign Languages, M.A., Ph.D., University of Heidelberg. (1994)

Linda Ruth Eshleman, Associate Professor of 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)

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)

Colleen Galambos, Assistant Professor of Social Work, B.S., B.S.W., Cornell University; M.S.W., University of Maryland; D.S.W., Catholic University of America. (1994)

Richard A. Gobeil, Instructor in Military Science, A.A., Central Texas College. (1995)

David V. Guerra, Assistant Professor of Physics, B.A., Middlebury College; M.S., Ph.D., The American University. (1994)

Colette Martin Henriette, Assistant Professor of French, Baccalauréat Philosophie/Lettres; Diplôme Universitaire d'Etudes Littéraires; 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)

Donald Eugene Jones, Professor of Chemistry, A.B., Manchester College; Ph.D., Purdue University. (1963)

Timothy F. Keating, Coach/Lecturer and Head Football Coach, B.A., Bethany College; M.A. DePauw University. (1993)

Bayard T. Keller, Jr., Lieutenant Colonel, Air Defense Artillery, Professor of Military Science, B.A., Stetson University; M.A., Lynchburg College. (1984)

Ramona Kerby, Assistant Professor of Library Science, B.A., Texas Wesleyan University; M.Ed., Texas Christian University; M.L.S., Ph.D., Texas Woman's University. (1994)

Alton Dennis Law, Professor of Economics, B.S., M.S., West Virginia University; Ph.D., Rutgers University. (1966)

Christianna Nichols Leahy, Associate Professor of Political Science and International Studies, B.A., The American University; M.A., Ph.D., Georgetown University. (1984)

Debra Clements Lemke, Assistant Professor of Sociology, B.S., M.A., University of Georgia; Ph.D., Iowa State University. (1994)

James Edward Lightner, Professor of Mathematics and Education, and Faculty Assistant to the Administration, B.A., Western Maryland College; A.M., Northwestern University; Ph.D., The Ohio State University. (1962)

Wilbur Lee Long, Professor of Biology, B.S., Towson State University; Ph.D., Dartmouth College. (1973)

Michael L. Losch, Assistant Professor of Art History, B.A., M.A., Michigan State University; Ph.D., The Pennsylvania State University. (1990)

Joel Macht, Professor of Education, Laurence J. Adams Distinguished Chair in Special Education, B.A., University of Miami; M.A., Colorado State University; Ph.D., Arizona State University. (1994)

Kathy Steele Mangan, Professor of English, B.A., Denison University; M.A., Ph.D., Ohio University. (1977)

Rebecca L. Martin, Coach/Lecturer and Women's Head Basketball Coach, B.A., M.Ed., Western Maryland College. (1981)

Jasna Meyer, Assistant Professor of Communication, B.A., Fontbonne College; M.A., Ph.D., University of Missouri-Columbia. (1994)

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, Associate Professor of Business Administration, B.S., M.Ed., Towson State University; M.B.A., Mt. St. Mary's College. (1983)

Carole J. Molloy, Coach/Lecturer and Head Volleyball Coach, B.A., M.Ed., Western Maryland College. (1993)

Martine Motard-Noar, Associate 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, Associate 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, Coach/Lecturer and Head Athletic Trainer, B.S., Towson State 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)

Howard Bernard Orenstein, Associate Professor of Psychology, B.A., Hunter College of CUNY; M.A., Ph.D., University of Cincinnati. (1971)

Julia L. Orza, Assistant Professor of Education, B.A., Clark University; M.A., Ph.D., The University of Connecticut. (1995)

Vasilis Pagonis, Associate 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 and Director of Corporation and Foundation Relations, 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)

Raymond Clarence Phillips, Jr., Professor of English, A.B., Dickinson College; M.A., Columbia University; Ph.D., University of Pennsylvania. (1963)

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)

Robert Patrick Reed, Associate Professor of History, B.A., University of California, San Diego; M.A., Ph.D., Cornell University. (1989)

Daniel K. Rees, Associate 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, Associate Professor of English, B.A., M.A., Ph.D., The Johns Hopkins University. (1984)

Henry B. Reiff, Associate Professor of Education and Assistant Dean of Academic Affairs, A.B., Princeton University; M.Ed., Ph.D., University of New Orleans. (1989)

Harry Lewis Rosenzweig, Professor of Mathematics, B.S., Massachusetts Institute of Technology; M.S., University of Arizona; Ph.D., University of Virginia. (1971)

Carol A. Rouzer, Associate Professor of Chemistry, B.A., Western Maryland College; Ph.D., M.D., Rockefeller University and Cornell University Medical College. (1989)

Robert William Sapora, Professor of English, B.A., University of Illinois; M.A., Ph.D., University of Connecticut. (1971)

David G. Seibert, Coach/Lecturer and Head Baseball Coach, B.A., M.Ed., Western Maryland College. (1980)

Ethan Abba Seidel, Professor of Economics and Business Administration and Vice President for Administration and Finance, B.A., The Johns Hopkins University; M.B.A., Wharton Graduate School, University of Pennsylvania; Ph.D., The Johns Hopkins University. (1969)

Diana Sue Singer, Associate Professor of Business Administration, B.S., Towson State University; M.B.A., Loyola College. (1983)

Herbert Charles Smith, Professor of Political Science and International Studies, B.A., Ursinus College; M.A., Ph.D., The Johns Hopkins University. (1973)

Richard Hilton Smith, Jr., Professor of Chemistry, B.S., Washington College; Ph.D., University of Virginia. (1971)

Harold Ray Stevens, Professor of English, B.A., Western Maryland College; Ph.D., University of Pennsylvania. (1966)

Ronald Keith Tait, Associate Professor of Sociology, B.A., M.A., University of Delaware; Ph.D., University of Maryland. (1968)

Robert Joseph Weber, Professor of Political Science and International Studies, B.S., University of Wisconsin-Milwaukee; M.A., Ph.D., University of Maryland. (1969)

Tim Weinfeld, Associate Professor of Dramatic Art, A.B., Miami University; A.M., Indiana University. (1970)

Joan Rita Weyers, Assistant Professor of Exercise Science and Physical Education, B.S., Wisconsin State College at La Crosse; Ed.M., University of North Carolina at Greensboro. (1963)

Daniel Anthony Williams, Associate Professor of Foreign Languages, B.A., University of Maryland; M.A., Ph.D., The Johns Hopkins University. (1972)

Brian D. Wladkowski, Assistant Professor of Chemistry, B.A., Western Maryland College; Ph.D., Stanford University. (1995)

Laurence Ching-Fang Wu, Associate Professor of Philosophy, B.A., National Taiwan University; M.A., University of Minnesota; Ph.D., University of Texas at Austin. (1976)

COLLEGE FELLOW

Edward Regis, B.A., Hunter College; M.A., Ph.D., New York University.

SENIOR LECTURERS AND HALF-TIME FACULTY

Joseph L. Carter, Jr., Internship Coordinator and Lecturer in Business Administration, B.A., Western Maryland College; M.B.A., The Johns Hopkins University. (1981)

David Kreider, Senior Lecturer in Music, B.M., M.M., Peabody Institute of The Johns Hopkins University; D.M.A., The Catholic University of America. (1981)

Nancy Baugh Palmer, Senior Lecturer in Comparative Literature, B.S., Western Kentucky University; M.A., University of Maryland. (1965)

William Padian Spence, English as a Second Language Tutor and Lecturer in English, B.A., Western Maryland College; M.A., University of South Carolina. (1988)

LECTURERS

Susan Andre, Lecturer in Education, B.S., West Chester State University; M.S., University of Vermont.

Sheryl Bailey, Lecturer in Music, B.M., Berklee College of Music.

Patricia Read Barnhart, Lecturer in Education, B.S., Towson State University; M.L.A., Western Maryland College.

Katherine Barrett, Lecturer in Music, B. Mus., Boston University.

Debroah Kay Barron, Lecturer in Music, B. Mus.Ed., Shenandoah College and Conservatory.

Garth W. Baxter, Lecturer in Music, B.A., Pepperdine University; M.A., California State University.

Richard Blanchard, Lecturer in Education, B.A., B.S., M.Mus., University of Maryland; M.S., Bowie State College.

Carolyn Boner, Lecturer in Mathematics and Director of the Mathematics Proficiency Program, B.S., Wittenberg University; M.A.T., Indiana University.

Andrew Carpenter, Lecturer in Philosophy and Religious Studies, B.A., Amherst College; B. Phil., University of Oxford.

Michael J. Connell, Lecturer in Music, B.A., Duquesne University.

Douglas Crowder, Lecturer in Music, B.M., Westminster Choir College; M.C.M., Southern Baptist Theological Seminary; D.M.A., Peabody Institute of The Johns Hopkins University.

Joy Dain, Lecturer in Education, B.S., University of Akron.

Alan DeGennaro, Lecturer in Education, B.S., Michigan State University; M.A., University of Maryland.

Donna Clark Dennison, Lecturer in Education, B.S., University of Maryland.

Molly Harrington Dugan, Lecturer in English, B.A., University of Baltimore; M.Ed., Loyola College.

Steven C. Eckard, Lecturer in Music.

Ronald E. Elwell, Lecturer in Education, B.S., University of Maryland; M.Ed., The Johns Hopkins University.

Kyle Engler, Lecturer in Music, B.Mus., M.Mus., Peabody Institute of The Johns Hopkins University.

Jonathan T. Evans, B.S., Elizabethtown College; M.A. Hood College.

Barry D. Gelsinger, Lecturer in Education, B.A., Towson State College.

Joanne Geppert, Lecturer in Education, B.S., Gallaudet College; M.Ed., Western Maryland College.

Donald P. Hall, Lecturer in Education, B.S., University of Maryland; M.S., The Johns Hopkins University.

Janet R. Halman, Lecturer in Education,
A.B., West Liberty State College; M.Art Ed., Towson
State University.

O. Kenneth Hankins, Lecturer in Art,
B.F.A., Maryland Institute College of Art; M.S.,
Alfred University.

Joanne Hay, Lecturer in Education,
B.A., Frostburg State University.

Thomas E. Hickman, Lecturer in Sociology,
B.A., Virginia Military Institute; J.D., University of
Baltimore School of Law.

Gina Hicks, Lecturer in Education,
B.S., Towson State University.

Ann H. Hirsch, Lecturer in Education,
B.S., William Woods College; M.Ed., Western
Maryland College.

David Allen Hirsch, Lecturer in Education,
B.S., Gallaudet University; M.S., Western Maryland
College.

Norma Hooks, Lecturer in Music.

Donald Horneff, Lecturer in Music,
B.S., Elizabethtown College.

Larry Houser, Lecturer in Education,
B.S., University of Wisconsin; M.Ed., Ph.D., The
Pennsylvania State University.

Steve Kerby, Lecturer in English,
B.A., Texas Wesleyan University.

Linda Kirkpatrick, Lecturer in Music,
B.M., M.M., North Texas State University.

Janice Knight, Lecturer in Education,
B.S., Edinboro University; M.S., Western Maryland
College.

Richard Kortum, Lecturer in Philosophy and
Religious Studies,
B.A., Duke University; Ph.D., Lincoln College.

Christine Krebs, Lecturer in Education,
B.S., University of Maryland; M.Ed., Western
Maryland College.

Eugenie Latchis-Silverthorne, Lecturer in Sociology,
B.A., Beaver College; M.A., Georgetown University;
Ph.D., The American University.

Ken List, Lecturer in Music.

Peter R. Litchka, Lecturer in Education,
B.A., State University of New York; M.S., The Johns
Hopkins University.

Gay Jewell Love, Lecturer in Education,
B.A., M.Ed., Western Maryland College.

Patricia Reidy Love, Lecturer in Education,
B.A., University of Maryland.

Randall C. Luce, Lecturer in Sociology,
B.A., Pomona College; M.A., Ph.D., University of
California.

Kimberley I. MacLean-Blevins, Lecturer in Psychology,
B.A., M.Ed., Western Maryland College.

Rosemary McCombs Maxey, Lecturer in Religious
Studies,
B.S., Oklahoma Baptist University; M.R.E.,
Southwestern Baptist Theological Seminary.

Richard McPartland, Lecturer in Education,
B.S., Western Maryland College; M.Ed., Towson State
University.

Robert E. Mitchell, Lecturer in Education,
B.A., M.Ed., Western Maryland College.

Suzanne N. Olsh, Lecturer in English,
B.A., M.L.A., Western Maryland College.

Robert D. Padden, Lecturer in Education,
B.A., Gallaudet University; M.Ed., Western Maryland
College; M.A., California State University.

Sherry Peters, Lecturer in Education,
A.A., Auburn Community College; B.S., State
University of New York-Oswego; M.S., State University
of New York-Cortland.

Linda V. Pugh, Lecturer in Education,
B.S., Towson State University; M.Ed. Western
Maryland College.

Hannah Randall, Lecturer in Education,
B.S., Towson State University; M.S., The Johns
Hopkins University.

Robert F. Redmond, Lecturer in Education,
B.S., Georgetown University; M.Ed., Ph.D., University
of Maryland.

Mary Lee Younger Schmall, Laboratory Assistant and
Lecturer in Biology,
B.A., Western Maryland College.

Jonathan D. Seligman, Lecturer in Music,
B.S., Regents College; M.A., Berklee College.

Leslie J. Simpson, Lecturer in Education,
B.S., University of Maryland; M.Ed., Western
Maryland College.

Phyllis Sonnenleiter, Lecturer in Education,
B.A., Frostburg State University; M.A., Loyola College.

Mary Ann Suehle, Lecturer in English,
B.A., Goucher College; M.F.A., University of Maryland.

Suzanne Tevis, Lecturer in Education,
B.A., M.Ed., Western Maryland College.

Kay Tilden Tippet, Lecturer in Music,
B.S., Frostburg State University.

Paul Tseng, Lecturer in Music,
B.Mus., The Julliard School.

Larry G. Tyree, Lecturer in Education,
B.S., Frostburg State University; M.Ed., Bowie State University.

Elizabeth Van den Berg-Toperzer, Lecturer in
Theatre Arts,
B.A., San Francisco State University; M.F.A., New York University.

Linda Van Hart, Lecturer in Art,
B.S., Western Maryland College; M.Art Ed., Towson State University.

LIBRARIANS

Judith Falzon, Assistant Librarian,
B.A., M.A.T., Pacific University; M.L.S., Indiana University. (1994)

H. David Neikirk, Director,
A.B., Rockhurst College; M.A., University of Oklahoma; M.L.S., University of Rhode Island. (1987)

Carol J. Quinn, Associate Librarian,
B.A., University of Florida; M.A., University of Minnesota; M.A., University of Florida. (1972)

Jane F. Sharpe, Assistant Librarian,
B.S., Millersville University; M.L.A., Western Maryland College. (1970)

Delores Voskuil, Assistant Librarian,
B.A., M.L.S., University of Maryland. (1995)

VISITING FACULTY

Carolyn Louise Bouma, Visiting Assistant Professor of Chemistry,
B.A., Western Maryland College; Ph.D., The Johns Hopkins University. (1995)

WMC-BUDAPEST

Administrator

Gábor Zoltán Drexler, Director of WMC-Budapest,
M.A., Eötvös Loránd University of Arts and Sciences; M.A., School of Political Science, Budapest. (1994)

FACULTY WMC-BUDAPEST

Tamás Bácskai, Economics,
J.D., Eötvös Loránd University of Liberal Arts and Sciences; Ph.D., Hungarian Academy of Sciences. (1995)

Mary A. Demeri, English,
B.S., St. John's University, New York. (1995)

Evangeline Moore Géczy, Communication/English,
B.A., Pennsylvania State University; M.A., Kansas State University. (1994)

Zsuzsa Füredi, Foreign Languages,
M.A., Eötvös Loránd University of Liberal Arts and Sciences. (1994)

Károly Kovacs, Statistics,
M.S., University of Economics, Budapest; Ph.D., Hungarian Academy of Sciences. (1994)

Márta Láng-Lázi, Mathematics,
B.S., University of Economics, Budapest; Ph.D., Hungarian Academy of Sciences. (1994)

István A. Magas, Economics,
M.A., Budapest University of Economics; Ph.D., University of Economics, Budapest; Ph.D., Hungarian Academy of Sciences. (1994)

Zsolt György Meszéna, Computer Science,
M.S., Ph.D., Technical University, Budapest. (1994)

Tibor Palánkai, Economics,
B.A., M.S., University of Economics, Budapest; Ph.D., Hungarian Academy. (1994)

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)

Attila Pók, History,
M.A., Ph.D., Eötvös Loránd University, Budapest. (1994)

Pál Rózsa, Mathematics,
M.S., Technical University, Budapest; Ph.D., Hungarian Academy of Sciences. (1994)

Etelka Stubnya, Mathematics,
B.A., M.S., Eötvös Loránd University; Ph.D., Technical University, Budapest. (1994)

Tamás Tóth, Business Administration,
M.A., D.A., University of Economics, Budapest; Ph.D., Hungarian Academy of Science. (1994)

SCHOLARSHIPS 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 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 scholarship is to be 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 Wilmer V. 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. 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 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 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 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, MEd. 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 to be awarded annually to a returning student (sophomore, junior, or senior) from the Eastern Shore with at least a B average.

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 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 will be 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 Ruth G. Elderdice Memorial Scholarship Fund: Established in 1991 in memory of Ruth G. Elderdice, Class of 1934, by her loving husband, Lloyd M. Elderdice, Class of 1933, to assist worthy students in completing their education.

The Joseph Englar Scholarship Fund: Established through the bequest of the late 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 to be 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 to be 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 Mr. Page McKendree Etchison and Dr. Willis B. Morse.

The Charles and Mary Falkenstein Memorial Scholarship Fund: Established in 1989 by Ruth A. Falkenstein as a memorial to her parents.

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 E. "Sheriff" and Virginia Karow Fowble Memorial Scholarship Fund: Established in 1993 to honor the lives of Sterling E. "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. The endowment assists worthy students in completing their education. Preference will be given to outstanding students who have a demonstrated history of participation in extracurricular activities while at Western Maryland College.

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 to be 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 to be 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 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 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 will be 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 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 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 will be 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 to be 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. and Mrs. Samuel H. Hoover. The recipients will be chosen by a Committee established by the Board with preference given to students demonstrating 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 David Huddle Memorial Scholarship Fund:

Established in 1989 by his wife, Mary, and endowed in 1995, this scholarship is to be 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 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 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 to be 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 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 to be 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 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 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 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 will be awarded to deserving students who are involved in on- and/or off-campus organizations, demonstrate moral character, and contribute to the college community.

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 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 to be awarded annually to a returning student who represents the qualities for which Dean McCormick is remembered: concern and love for 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 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 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, will be 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 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 to be awarded annually to a worthy student majoring in the humanities.

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 to be 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 Eloise Chipman Payne Scholarship Fund: Established in 1986 by John R. and Eloise Chipman Payne, Class of 1938. The scholarship will be 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 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 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 will be 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 Ridgaway-Knott Scholarship Fund: Established in 1978 by Ethel Grace Ridgaway 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 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 to be 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 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 John H. Simms Scholarship Fund: Established in 1986 by John H. Simms, Class of 1929, honorary trustee of the college.

The James D. Smyth, Jr. Memorial Scholarship Fund: Established in 1987 by his parents, Charlotte Haile Smyth and J. Donald Smyth, both of the Class of 1948, as a living memorial to James D. Smyth, Jr., Class of 1971. This scholarship is to be 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 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 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 Sverdna Foundation Scholarship Fund

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 to be 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 to be awarded to students studying the natural sciences or entomology.

The Maud Brown Uhrig Memorial Scholarship Fund:

Established in 1980 in memory of Maud Brown Uhrig, Class of 1927, by her family and friends.

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 Wahnmann Memorial Scholarship Fund:

Established in 1984 in memory of C. Harry Wahnmann, devoted trustee of the college. It is to be awarded annually to students with superior academic credentials.

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 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 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 to be awarded to Western Maryland College students based on leadership and need.

The Whitfield History Scholarship Fund:

Established in 1960, it is awarded to a student majoring in history.

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 may 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 William R. Winslow Scholarship Fund:

The income from this fund provides scholarships based on financial need.

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.

ANNUAL SCHOLARSHIPS

Each year a number of individuals, companies, and foundations provide gifts restricted for scholarship support. The following is the current list of donors and the special purpose of their grants:

The Baltimore Alumni Chapter Scholarship: This scholarship is awarded annually to an entering freshman from Baltimore.

The Baltimore Sun/ICFM Citizen Scholar: This scholarship is awarded through ICFM to a worthy student based on academic record and commitment to community service.

The Roscoe G. Bartlett Scholarship: Established in 1993 by Congressman Roscoe G. Bartlett, this scholarship is awarded annually to a student who is a resident of the Sixth Congressional District of Maryland. The recipient will be chosen based upon academic achievement, extracurricular activities and financial need and additional specific criteria.

The William F. Beatty '40 Scholarship: Established in commemoration of the 50th reunion of the Western Maryland College Class of 1940, this scholarship is awarded annually to a student demonstrating financial need.

The Becton Dickinson "Excellence in Science" Scholarship: This scholarship is awarded through ICFM.

The Bell Atlantic - Maryland Scholarship: This scholarship is awarded through ICFM.

The Frederick W. Callahan Memorial Scholarship: Established in 1991 by Judith Callahan Klitzberg, Class of 1963, and Richard Klitzberg, Class of 1963, this scholarship is awarded annually to an upperclass female student with demonstrated financial need who is majoring in biology and who aspires to a career in medicine. First preference will be given to a senior.

The Crown Central Petroleum Scholarship: This scholarship is awarded through ICFM.

The Beulah and John Farson Annual Memorial Scholarship: Established in 1992 by Mary Todd Griffiths in memory of her first husband, John Farson, and his mother, Beulah Farson. This scholarship is awarded annually to assist a worthy student who has graduated from the public school system in Worcester County, MD. The recipient must be a student in good standing, must demonstrate good citizenship and must participate in extracurricular activities.

The First National Bank of Maryland: This scholarship is awarded through ICFM.

The Goldsmith Foundation Scholarship: This scholarship is awarded to students as an incentive to begin their teaching careers in metropolitan Baltimore schools following graduation and teacher certification.

The James M. Johnston Trust for Charitable and Educational Purposes Scholarship: A tradition since 1981, this scholarship is awarded to graduate or undergraduate students preparing for a career in educating the deaf.

The Richard and Judith Callahan Klitzberg Annual Scholarship: Established in 1992 by Judith Callahan Klitzberg, Class of 1963, and Richard Klitzberg, Class of 1963. Awards from this fund will be made to a prospective female freshman student and a prospective male freshman student with demonstrated financial need who are accepted for admission to Western Maryland College.

The Samuel and Lillian Klitzberg Memorial Scholarship: Established in 1991 by Judith Callahan Klitzberg, Class of 1963, and Richard Klitzberg, Class of 1963, this scholarship is awarded annually to an upperclass male student with first preference given to a senior, who has achieved a recognized level of distinction both in academics and in extracurricular activities, and who has demonstrated financial need.

The Legge Mason Scholarship: This scholarship is awarded through ICFM.

The John J. Leidy Foundation Scholarship: First awarded in 1977, this scholarship is given to a student who demonstrates need and maintains reasonable academic standards.

The Klein and Mary Lee Leister Scholarship: Established in 1994 by Klein, Class of 1943, and Mary Lee Leister to recognize a teacher from the western shore among those selected as "Maryland Teacher of the Year" by the Maryland State Department of Education.

The Loats Foundation Scholarship: Awarded annually, this scholarship provides support for a student from Frederick County, Maryland. Preference is given to those students who are orphans or from broken homes, those demonstrating financial need, those with outstanding academic records, and those who intend to pursue a career in public service in fields such as teaching, nursing, or social work.

The MacPherson Fund Scholarship: Formerly the Cambridge Rubber Company Scholarship, first given in 1954, this scholarship is awarded annually to a local student, preferably from Taneytown.

The Charles W. and Sharon F. Manning Scholarship Fund: This scholarship is to be awarded annually to a female student in a field of study which emphasizes mathematics and/or quantitative analysis; preference will be given to a student with financial need who has achieved or demonstrated potential in both academic and extracurricular activities.

The McCormick Scholarship: This scholarship is awarded through ICFM.

The Charlotte W. Newcombe Foundation Scholarship: This scholarship is awarded to handicapped students who demonstrate need.

The Opportunity Scholarship: This fund provides two half-tuition scholarships to a black student who demonstrates need.

The Duane L. Peterson Memorial Scholarship: This scholarship is awarded annually to a student with financial need.

The Board of Beneficence of St. John's I.M.P. Church Scholarship: This scholarship is awarded to students from the Baltimore area with financial need.

The UPS Scholar: This scholarship is awarded through ICFM.

The Western Maryland Counties Scholarship: This scholarship is awarded through ICFM.

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 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 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 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 Frank Hurt Tennis Fund: Established in 1981 to provide funds for the upkeep and maintenance of the Frank B. Hurt Tennis Courts.

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 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, which will receive gifts over the next several years, will eventually create a \$1 million fund, the income from which will be used by the Board of Trustees for scholarships or for faculty support.

The Margaret Reiser Kishbaugh Memorial Fund: Established in 1965 by the bequest of Margaret Kishbaugh, this fund supports the general endowment or other express purposes as assigned by the Board of Trustees.

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 Col. Harry A. Patterson Memorial Fund

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 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 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 Frank E. Shipley Memorial Fund

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 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 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 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

ANNUAL PRIZES/ AWARDS

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 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. A gold medal 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 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 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 Floise 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 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. A gold medal 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 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 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 Wasyl Palijczuk Art Award: Established in 1995, formerly known as the Outstanding Sophomore Art Award, it will be awarded annually to the outstanding art major upon completion of the sophomore year. The awardee will be selected by the Art Department and the award will be 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 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 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 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 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 will be 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 will be arranged and juried under the direction of the art department.

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 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 to be 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 1994-95

Marielle E. Ainsworth '94
Jonathan M. Boehman '94
Elizabeth M. Brennan '94
Robert W. Brown '95
Colin M. Clark '95
Kari A. Dunn '95
Jered Ebenreck '95
John L. Farris, III '94
Janet L. Fenhagen '94
Catherine M. Fritz '94
Joy I. Gigeous '94
Angela G. Graybill '95
Krista C. Hadermann '94
Katherine L. Hosier '94
Deborah A. Keys '94
Mary A. Kietzman '94
Rebecca A. Mathis '95
Edward C. Navarre '95
Emily A. Oland '94
Amy Pelsinsky '94
Greta M. Powell '94
Kristen E. Purcaro '94
Michelle Sabourin '95
Emily J. Snyder '95
Susan A. Sommer '94
Lisa A. Taneyhill '95
Maura Z. Ziolkowski '94

ARGONAUT AWARD

1994 Honorees

Linda S. Cunfer
Susan C. Head

1995 Honorees

Kelly K. Maher
Emily J. Snyder
Lisa A. Taneyhill

DISTINGUISHED TEACHING AWARD

Christianna Nichols Leahy (1994),
Associate Professor of Political Science
Carol A. Rouzer (1995),
Associate Professor of Chemistry

HONORARY DEGREES

1994 Honoree

Benjamin S. Carson, Sr.

1995 Honorees

Marcellus W. Alexander, Jr.
Harry A. Blackmun
Harvey M. Meyerhoff

Fall Semester 1995

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|---|--------------------------------------|
| Opening Faculty Meeting | Wednesday, August 23 |
| Orientation | Thursday-Sunday, August 24-27 |
| Convocation | Thursday, August 26 |
| Undergraduate class schedule begins, 8:20 a.m. | Monday, August 28 |
| Labor Day (no classes) | September 4 |
| Graduate class schedule begins, 4:40 p.m. | Tuesday, September 5 |
| Last day to add a class, 4:30 p.m. | Tuesday, September 5 |
| Last date for course drops & Credit/Fail, 4:30 p.m. | Monday, September 11 |
| Parents Weekend | Saturday & Sunday, September 23 & 24 |
| Fall Break (no classes) | Monday & Tuesday, October 16 & 17 |
| Homecoming | Saturday, October 21 |
| Last date for withdrawal from courses with "W" grade, 4:30 p.m. | Monday, October 30 |
| Undergraduate Thanksgiving recess begins, 7:00 p.m. | Tuesday, November 21 |
| Graduate Thanksgiving recess begins, 10:00 p.m. | Tuesday, November 21 |
| Classes resume, 8:20 a.m. | Monday, November 27 |
| First semester classes end | Friday, December 8 |
| Reading Days | Saturday & Sunday, December 9 & 10 |
| Examinations begin | Monday, December 11 |
| Undergraduate first semester ends | Saturday, December 16 |
| Graduate first semester ends | Monday, December 18 |

January Term 1996

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| January Term begins, 10:00 a.m. | Wednesday, January 3 |
| Last day for course changes, 4:30 p.m. | Thursday, January 4 |
| Last date for withdrawal from course with "W" grade, 4:30 p.m. | Tuesday, January 9 |
| Martin Luther King, Jr., birthday (no classes) | Monday, January 15 |
| January Term Ends | Wednesday, January 24 |

Spring Semester 1996

| | |
|--|-------------------------------|
| Undergraduate second semester classes begin, 8:20 a.m. | Monday, January 29 |
| Graduate second semester classes begin, 4:40 p.m. | Monday, January 29 |
| Last day to add a class, 4:30 p.m. | Monday, February 5 |
| Last date for course drops and Credit/Fail, 4:30 p.m. | Monday, February 12 |
| Spring recess begins, 7:00 p.m. | Friday, March 15 |
| Classes resume, 8:20 a.m. | Monday, March 25 |
| Last date for withdrawal from course with "W" grade, 4:30 p.m. | Friday, March 29 |
| Honors & Investiture Convocation | Sunday, May 5 |
| Graduate second semester classes end | Thursday, May 9 |
| Undergraduate second semester classes end | Friday, May 10 |
| Reading days | Saturday & Sunday May 11 & 12 |
| Examinations begin | Monday, May 13 |
| Examinations end | Saturday, May 18 |
| Senior Week | Sunday- Friday, May 19-24 |
| Baccalaureate Service | Friday, May 24 |
| Commencement | Saturday, May 25 |

Fall Semester 1996

| | |
|--|--------------------------------------|
| Opening Faculty Meeting | Thursday, August 22 |
| Convocation | Friday, August 30 |
| Orientation | Friday-Monday, August 30-September 2 |
| Daily class schedule begins, 8:20 a.m. | Tuesday, September 3 |
| Graduate classes begin | Tuesday, September 3 |
| Last day to add a class, 4:30 p.m. | Tuesday, September 10 |
| Parents Weekend | Saturday & Sunday, October 5 & 6 |
| Last date for course drops & Credit/Fail, 4:30 p.m. | Monday, September 16 |
| Fall Break (no classes) | Monday & Tuesday, October 14 & 15 |
| Homecoming | Saturday, October 19 |
| Last date for withdrawal from courses with "W" grade, 4:30 p.m. | Monday, November 4 |
| Undergraduate Thanksgiving recess begins, 7:00 p.m. | Tuesday, November 26 |
| Graduate Thanksgiving recess begins 10:00 p.m. | Tuesday, November 26 |
| Classes resume, 8:20 a.m. | Monday, December 2 |
| First semester classes end | Friday, December 13 |
| Reading Days | Saturday & Sunday, December 14 & 15 |
| Examinations begin | Monday, December 16 |
| Undergraduate first semester ends | Friday, December 20 |
| Graduate first semester ends | Monday, December 16 |

January Term 1997

| | |
|---|-----------------------------|
| January Term begins, 10:00 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. | Friday, January 10 |
| Martin Luther King, Jr., Birthday (no classes) | observed Monday, January 20 |
| January Term Ends | Friday, January 24 |

Spring Semester 1997

| | |
|---|-------------------------------|
| Second semester classes begin, 8:20 a.m. | Monday, January 27 |
| Graduate classes begin | Monday, January 27 |
| Last day to add a class, 4:30 p.m. | Monday, February 3 |
| Last date for course drops and Credit/Fail, 4:30 p.m. | Monday, February 10 |
| Spring recess begins, 7:00 p.m. | Friday, March 14 |
| Classes resume, 8:20 a.m. | Monday, March 24 |
| Last date for withdrawal from course with "W" grade, 4:30 p.m. | Friday, March 28 |
| Honors & Investiture Convocation | Sunday, May 4 |
| Undergraduate second semester classes end | Friday, May 9 |
| Graduate second semester classes end | Thursday, May 8 |
| Reading days | Saturday & Sunday May 10 & 11 |
| Examinations begin | Monday, May 12 |
| Examinations end | Friday, May 15 |
| Senior Week | Sunday-Friday, May 18-23 |
| Baccalaureate Service | Friday, May 23 |
| Commencement | Saturday, May 24 |

All may be reached through the WMC switchboard:
410/848-7000, 410/876-2055
Events and Sports line: 410/857-2766
Fax: 410/857-2729

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:

Joan Develin Coley, Provost and Dean of the Faculty;
Barbara Disharoon, Associate Dean of
First Year Students; Henry Reiff, Assistant Dean
of Academic Affairs

ADMISSIONS:

Martha O'Connell, Director

ARCHIVES:

Mary Lee Schmall, Volunteer Archivist

ATHLETICS:

J. Richard Carpenter, Director of Athletics

CAMPUS SAFETY:

Michael Webster, Director

COLLEGE ACTIVITIES:

Mitchell Alexander, Director of College Activities

COLLEGE BILLS:

Susan Schmidt, Student Accounts/Bursar

COUNSELING AND CAREER SERVICES:

Karen Arnie, Director of Career Advising;
Susan Glone, Director of Counseling

FINANCIAL AID:

Patricia Williams, Director of Financial Aid

504 SERVICES COORDINATOR:

Denise Bowen

FOOD SERVICES:

Mary Roloff, Director

FRATERNITIES AND SORORITIES:

Mitchell Alexander, Director of College Activities

GENERAL INFORMATION:

Information Desk, Decker College Center

GIFTS:

Richard Seaman, Vice President for Institutional
Advancement

HEALTH SERVICES:

Daniel Welliver, M.D.;
Bonnie Bosley, R.N.

HOUSING DIRECTOR:

Scott Kane, Director of Residence Life

JANUARY TERM:

Office of Academic Affairs

MOTOR VEHICLE REGISTRATION:

Campus Safety Office

NOTARY SERVICES:

Mary Louise Poole, Admissions Office

PARENTS BOARD:

Philip Sayre, Dean of Student Affairs

PARKING:

Campus Safety Office

POST OFFICE:

Esther Griffith, Support Services Assistant

PRESIDENT:

Robert H. Chambers

PUBLIC RELATIONS AND PUBLICATIONS:

Joyce E. Muller, Director of Public Information

REGISTRAR:

Barbara Shaffer

STUDENT RECORDS AND TRANSCRIPTS:

Registrar

STUDENT SERVICES:

Philip Sayre, Dean of Student Affairs

TITLE IX COORDINATOR:

Susan Bloom, Art Department

WITHDRAWAL:

Academic Affairs

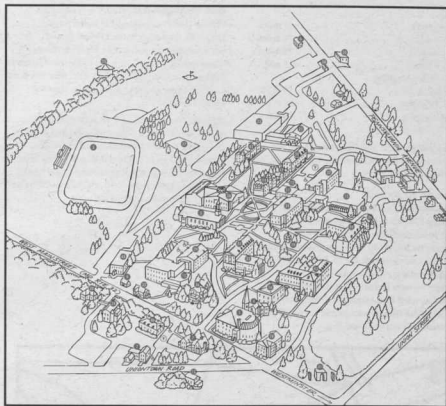
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CAMPUS MAP

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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. Conference Services Office
(192 Pennsylvania Ave.)
9. Dean's Cottage
10. Decker Auditorium (Lewis Hall of Science)
11. Decker College Center
12. Decker Roof Terrace
13. Doyle House
14. Elderdice Hall
15. Englar Dining Hall
16. Fine Arts Building (Peterson Hall)
17. Forlines
18. Garden Apartments
19. Gazebo (Carpe Diem)
20. Geiman House
21. Gill Gym
22. Gill Physical Education Learning Center
23. Harlow Pool
24. Harrison House
25. Harvey Stone Park
26. Hoover Library
27. Frank B. Hurt Tennis Courts
28. Levine Hall
29. Lewis Hall of Science
30. Daniel MacLea Hall
31. McDaniel Hall
32. McDaniel House
33. McDaniel Lounge (McDaniel Hall)
34. Martin K.P. Hill Hall
35. Physical Plant Department
(192 Pennsylvania Ave.)
36. President's House
37. Rouzer Hall
38. Service Area (201 Pennsylvania Ave.)
39. Smith House
40. Thompson Hall (Office of Graduate Affairs)
41. Ward Arch
42. Albert Norman Ward Hall
43. Blanche Ward Hall
44. Whiteford Hall
45. Winslow Center

Ⓕ Handicapped Parking

Ⓗ Visitor Parking

campus map

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 |

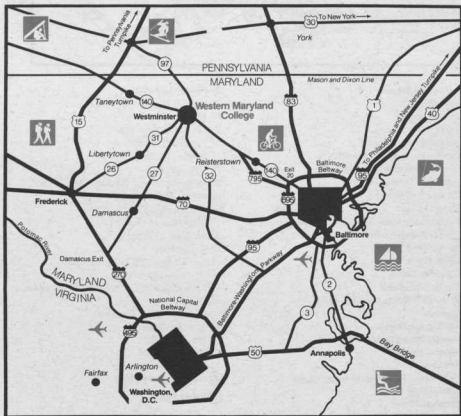
Both Washington, D.C., and Baltimore, Maryland, are served by major airlines and Amtrak. Westminster is a short drive from both cities.

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 North around Westminster, and turn left exiting onto Route 31. Drive 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. 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 118 East toward Germantown/Damascus (Exit 15). 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.



Admissions

For more information on programs, admission, and financial aid, contact:

Director of Admissions

Western Maryland College

2 College Hill

Westminster, MD 21157-4390

410/857-2230

410/876-2055, ext. 230 (from Baltimore)

410/848-7000 Voice/TDD

800/638-5005, (toll-free, out-of-state)

E-mail: admissio@ns1.wmc.car.md.us.

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Since 1988 there has been a strong student-led environmental movement on the Western Maryland 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 WMC offers.

Located on pages 2-7 is an excerpted essay by Dr. Frank Benjamin Hurt, who spent most of his teaching career at Western Maryland as a professor of political science. This essay in its entirety was first published in *The Ferrum Review*, Fall 1984. "Pappy" Hurt, as he was affectionately called by his students, not only was a devoted teacher but for three decades coached tennis. He died in February, 1992.

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2 College Hill

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