

**Western
Maryland
College** Catalog 1974-75

Contents

College Objectives	2
The College.....	13
Admissions.....	19
The Educational Plan	26
The Courses.....	31
January Term.....	69
The College Organization.....	83
General Information	95

Western Maryland College

Catalog 1974-75



One-Hundred Seventh Annual Edition
Westminster, Maryland 21157
July, 1974

Western Maryland College

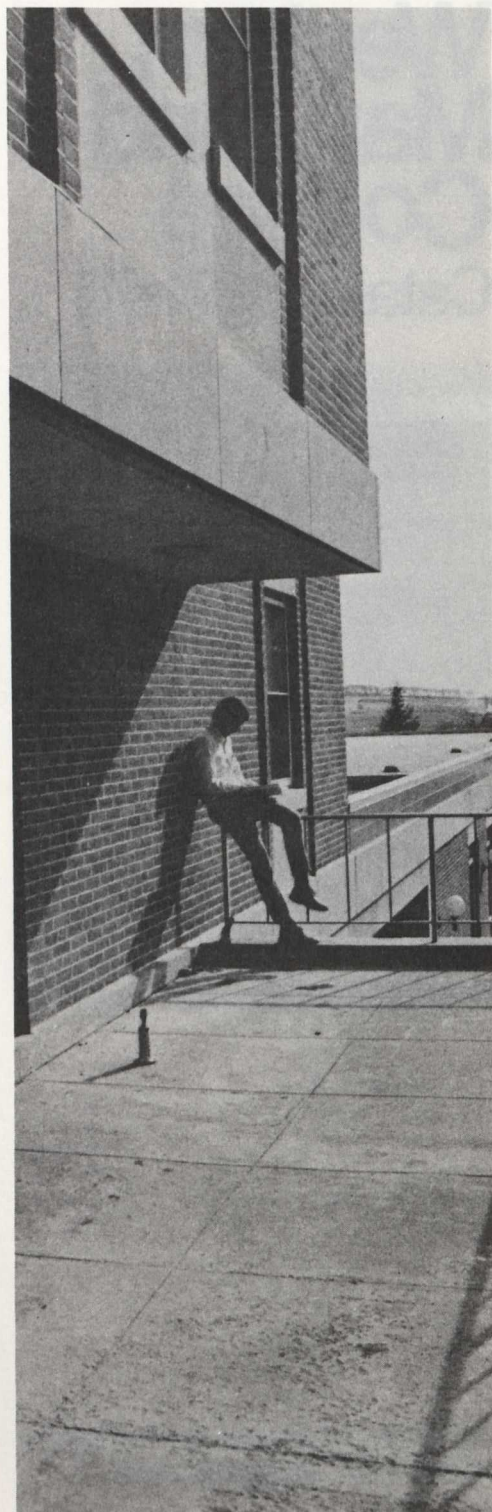
Your special college education does not "just happen" at Western Maryland College. It is woven from elements believed essential to a liberal arts education. It has room for the individual. It encourages you to become a better you.

The college's time-honoured philosophy is still pertinent in the mid 1970's. It speaks of "students with diverse backgrounds," "intellectual exchange," "development of maturity of judgment and skill in human relations," "roles of leadership," and "personal integrity."

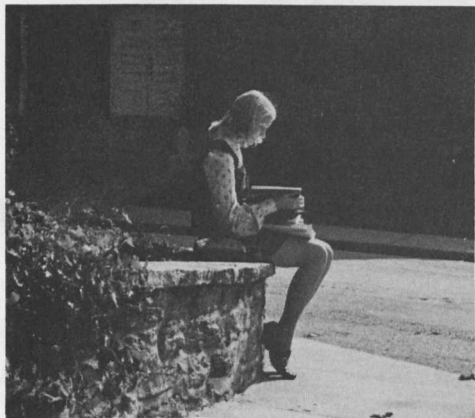
Western Maryland's philosophy maintains that "the knowledge acquired from the liberal arts curriculum and a commitment to create an environment in which there can be the pursuit of truth, and the growth of the students' attitudes, moral and spiritual values, and critical judgment will develop responsible and creative persons."

The liberally educated person does not "just happen" at Western Maryland. The college seeks to assist each student in developing qualities that mark the liberally educated individual. These qualities and traits are embodied in the college's objectives.

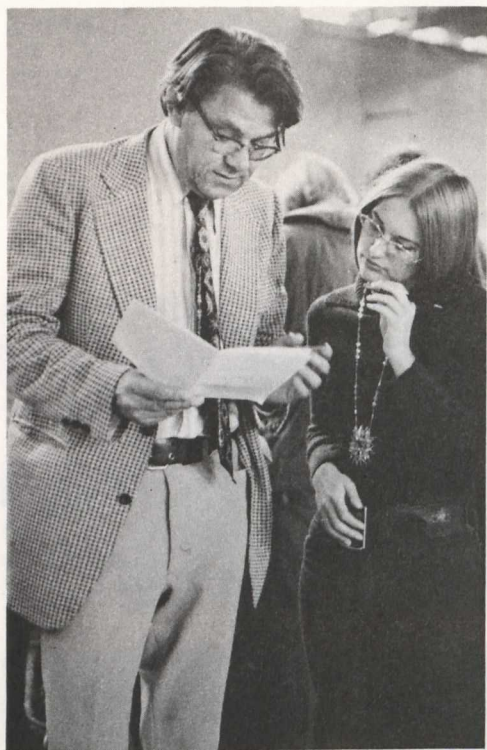
The ideas come alive at Western Maryland College.



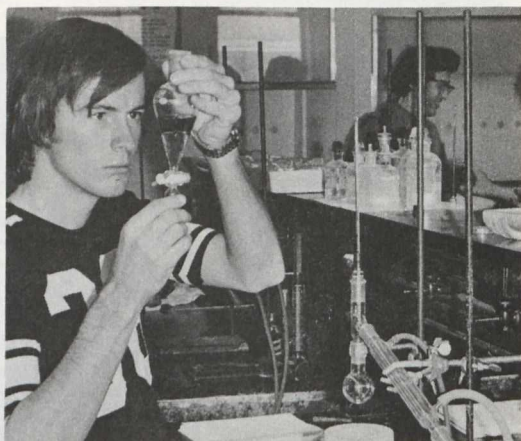
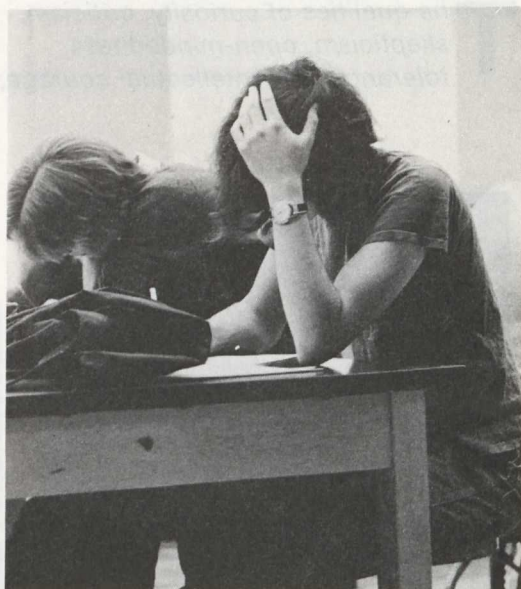
The qualities of curiosity, criticism,
skepticism, open-mindedness,
tolerance, and intellectual courage;

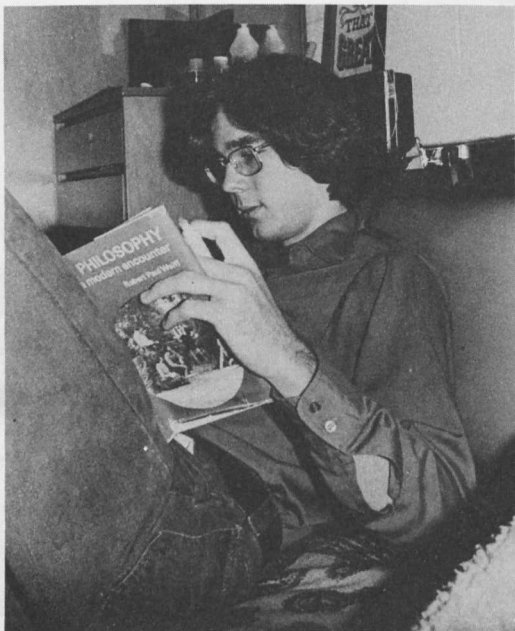


the power of analysis, the love
of truth, and the ability to com-
municate ideas effectively;

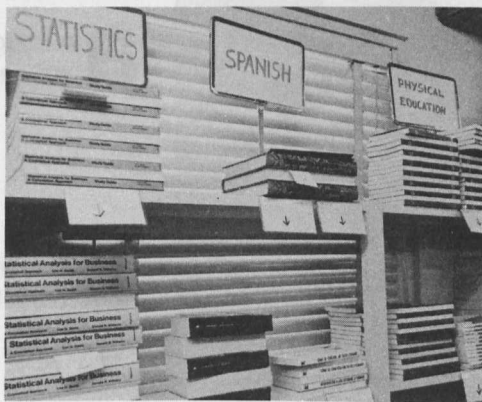


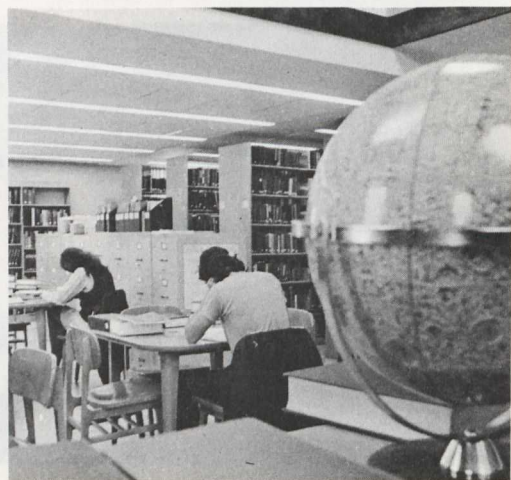
a sound foundation in an area,
or discipline, of knowledge;





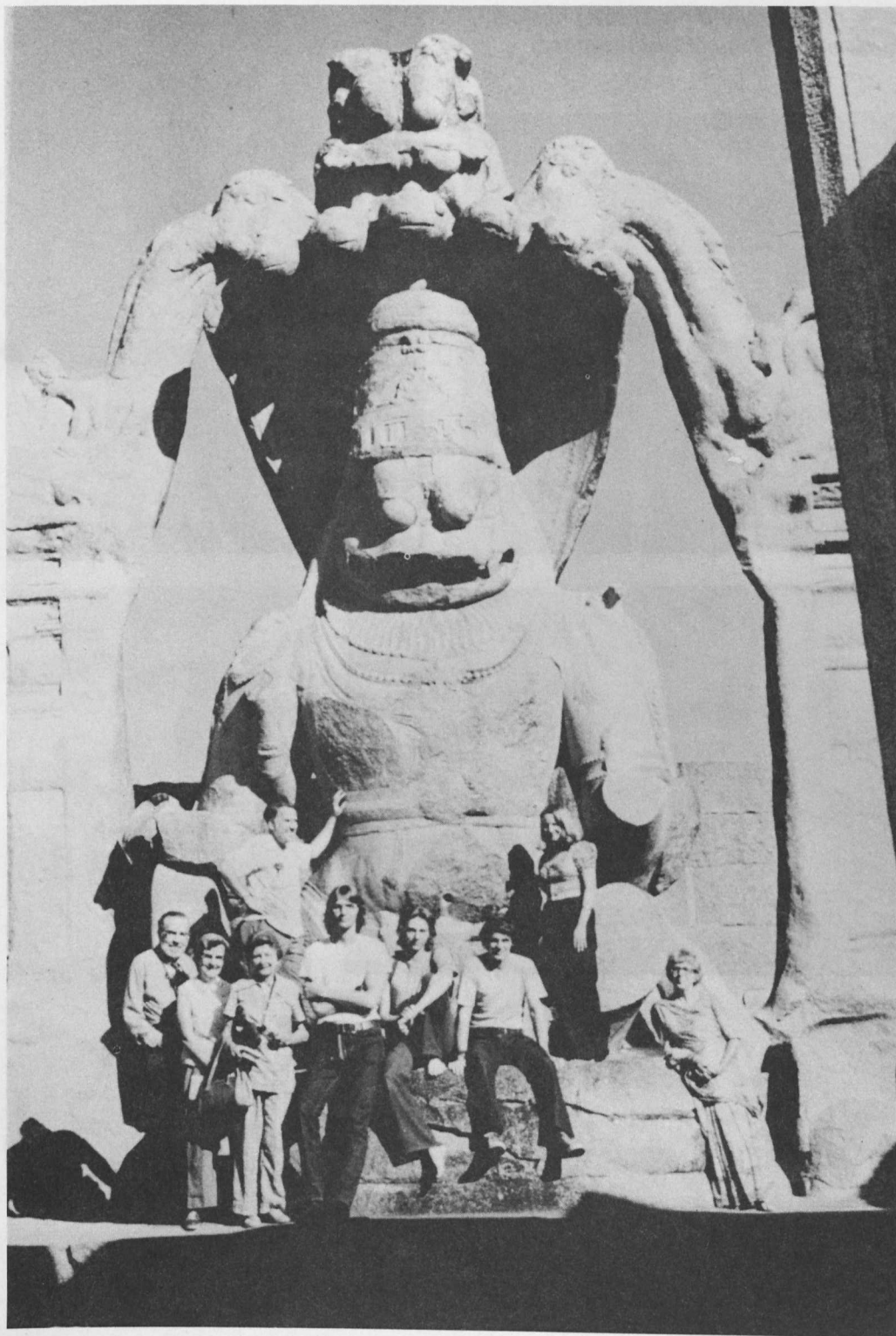
a sure sense of the interdisciplinary nature of all knowledge;



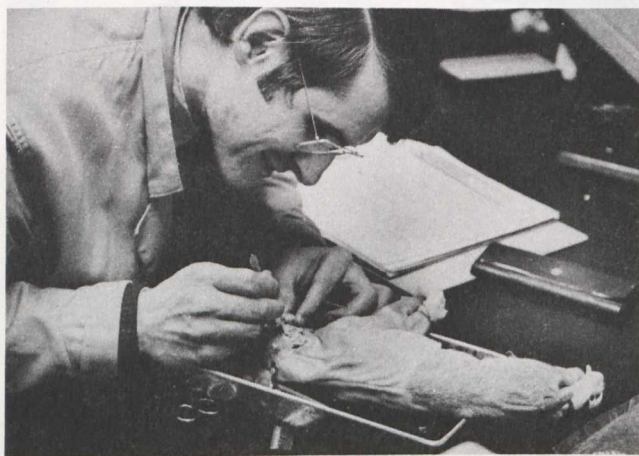
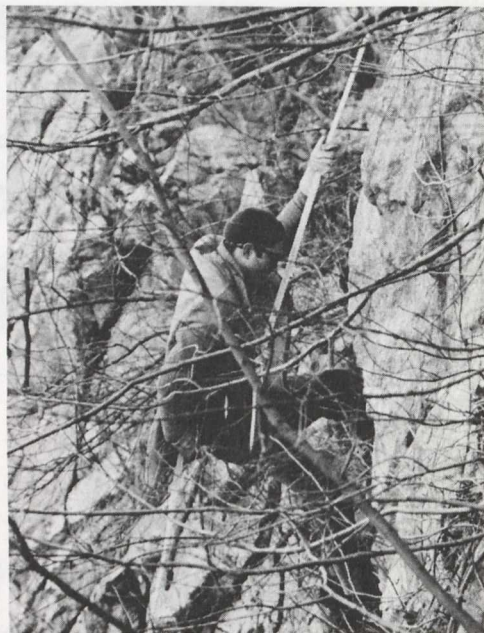
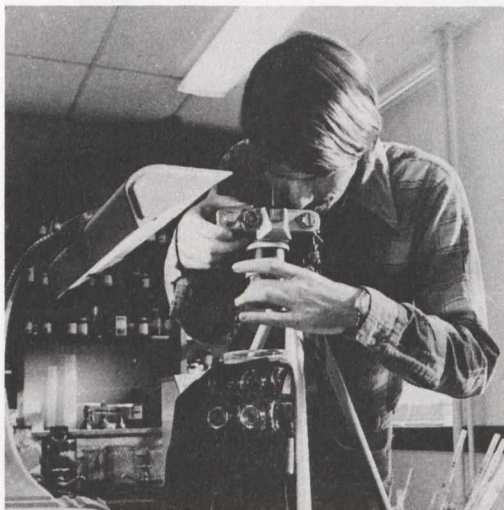


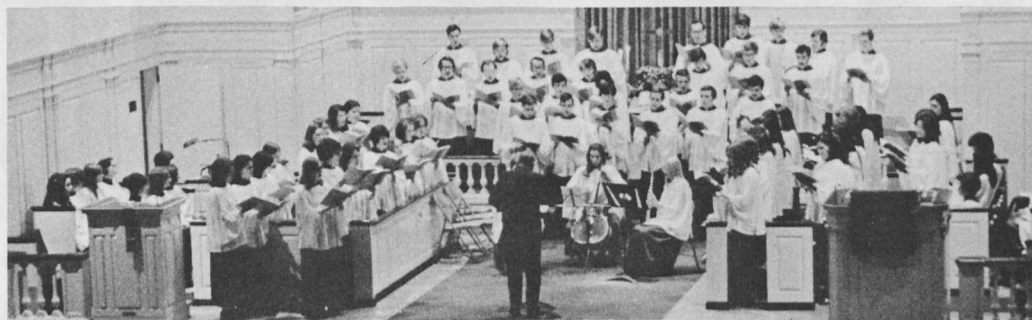
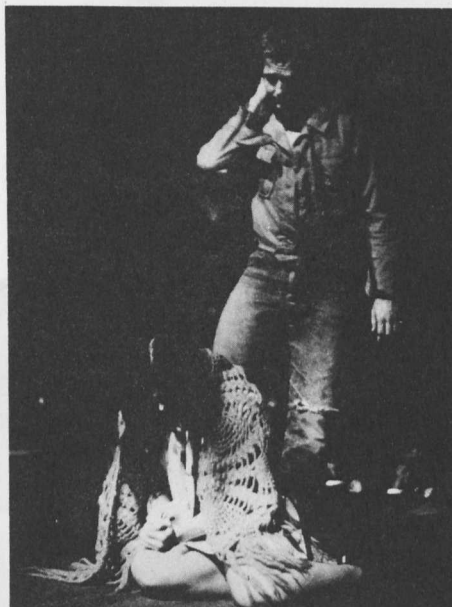
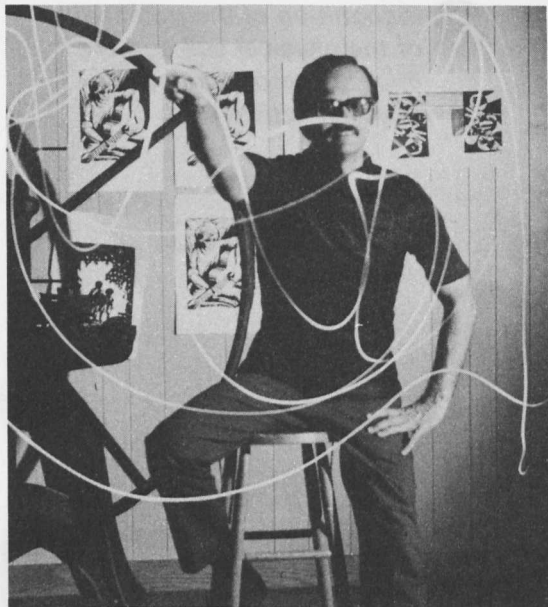
a *n insight into the past and
present of Western culture;*

a *reasonable familiarity with a
Non-Western culture;*



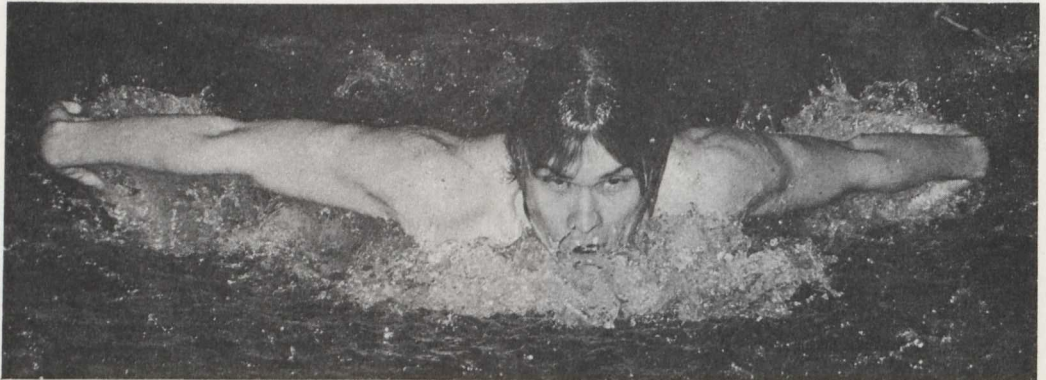
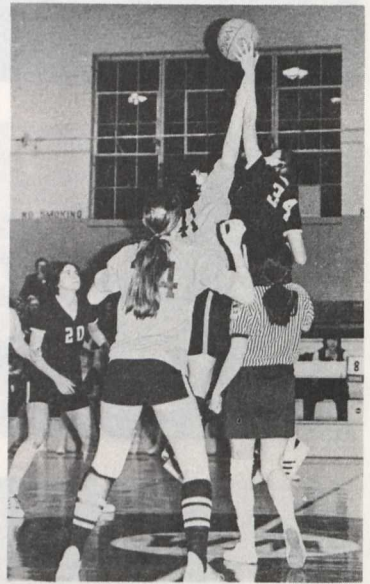
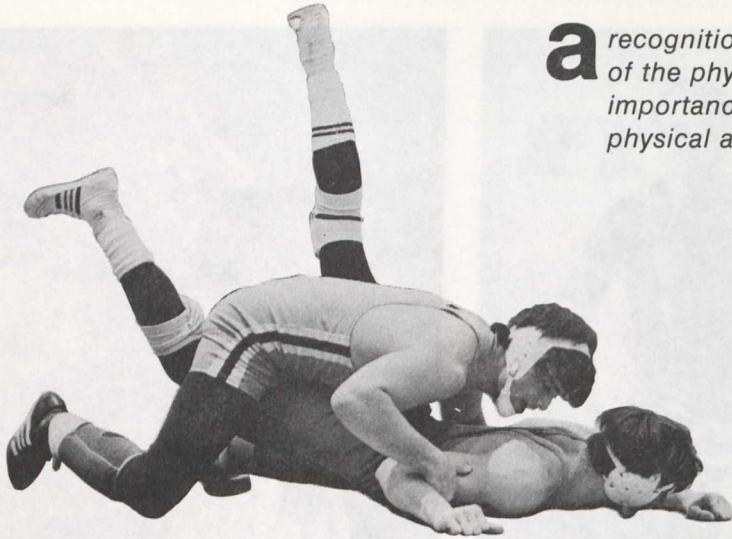
a *n understanding of the physical
and biological environment;*





an active and critically-informed
interest in an area of the fine arts;

a recognition of the potentiality
of the physical self and the
importance of continuing
physical activity;



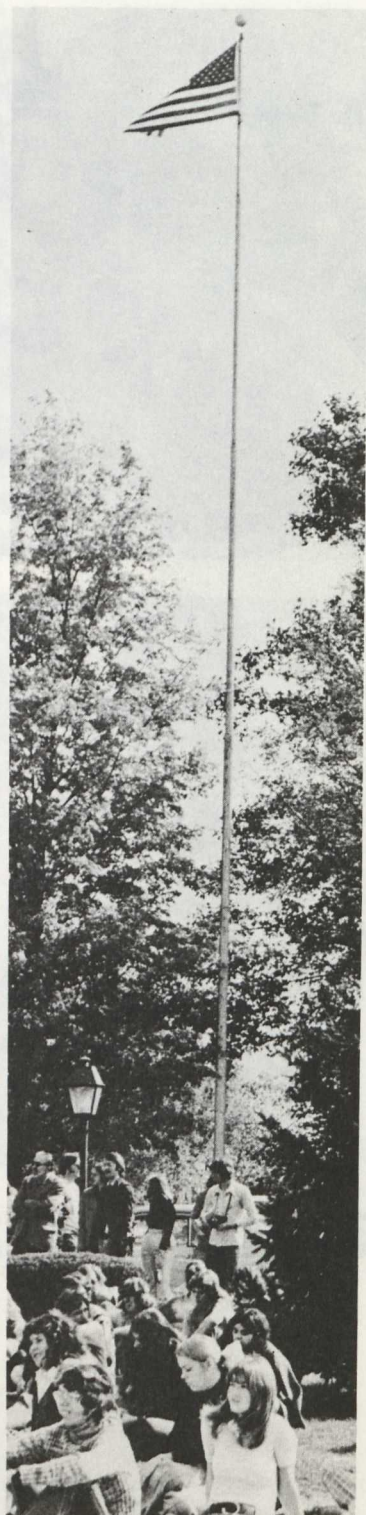


a strong sense of individuality
and respect for independence in
thought and action;





a commitment to responsible
moral, social, and political action.



The College



History

Western Maryland College emerged out of the dream of Fayette R. Buell, a citizen of Westminster who operated a private school in the community. Construction of the first building began in 1866, with the fledgling institution chartered under the laws of the State of Maryland in 1868.

Dr. J. T. Ward early associated himself with Mr. Buell in the enterprise of the college. He gave leadership through the formative period, and was the president for 19 years (1867-1886). The founders, including the members of the original Board of Trustees, were ahead of their time in the concept which they held for the new institution, as evidenced by the following quotation from the *Charter*:

The Western Maryland College shall be founded and maintained forever, upon a most liberal plan, for the benefit of the youth of every religious denomination, who shall be freely admitted to equal privileges and advantages of education and to all the literary honors of the College, without requiring or enforcing any religious or civil test, nor shall any prejudice be made in the choice of any officer or teacher in the said College on account of his or her particular religious profession, but regard shall be had to his moral character, literary abilities, and other necessary qualifications for the place for which he or she may be chosen. (*Section 1, Paragraph 2*)

Western Maryland was the first coeducational college south of the Mason-Dixon Line, and among the first in the nation.

An independent liberal arts college, Western Maryland has had from an early period a fraternal and mutually voluntary relationship to the United Methodist Church. The governing board always has been self-perpetuating with no outside amenability or control, except as prescribed under the laws of the State or the Federal government.

There have been only six presidents during the 106 years since 1868: Dr. J. T. Ward (1867-1886), Dr. Thomas Hamilton Lewis (1886-1920), Dr. Albert Norman Ward (1920-1935), Bishop Fred G. Holloway (1935-1947), Dr. Lowell S. Ensor (1947-1972), and Dr. Ralph C. John (1972-present). Across the periods of these administrations Western Maryland has taken its place among the quality liberal arts colleges in the nation. It has developed programs, material and physical assets, and a

160-acre campus that generously fulfill the vision of those in whose minds and labors it all began.

In the period of the Centennial Year, 1967-68, the decision was made to expand enrollment from approximately 750 to 1000 students. There were corresponding developments in academic and residential facilities. The goal was easily achieved.

Once again, in 1971, the Board of Trustees appointed a Long Range Planning Committee to develop a design for the decade of the 1970's, and beyond. A number of specific goals, related to faculty, students, capital projects, and organizational and management systems, was approved by the faculty and trustees. Some of these objectives have been achieved; others are in prospect of achievement.

Western Maryland College in this period of its history is building on strength.

Philosophy

Western Maryland College believes that the finest undergraduate education occurs on the campus of a relatively small coeducational college where students with diverse backgrounds are selected from among those applicants best suited to succeed in a competitive setting, where they have the opportunity to live together, to participate in intellectual exchange among themselves and with their teachers, and to engage in independent study. The College also believes that the development of maturity of judgment and skill in human relations can best be achieved when young men and women assume some of the many roles of leadership in academic and campus activities available to them in the small college, and when they can demonstrate and strengthen their personal integrity by participation in an academic honor system administered by themselves. Finally, Western Maryland College believes that the knowledge acquired from the liberal arts curriculum and a commitment to create an environment in which there can be the pursuit of truth, and the growth of the students' attitudes, moral and spiritual values, and critical judgment will develop responsible and creative persons.

Objectives

We believe it is our purpose to assist in the development of liberally educated persons who will have:

- ☐ The qualities of curiosity, criticism, skepticism, open-mindedness, tolerance, and intellectual courage; the power of analysis, the love of truth, and the ability to communicate ideas effectively;
- ☐ A sound foundation in an area, or discipline, of knowledge;
- ☐ A sure sense of the interdisciplinary nature of all knowledge;
- ☐ An insight into the past and present of Western culture;
- ☐ A reasonable familiarity with a Non-Western culture;
- ☐ An understanding of the physical and biological environment;
- ☐ An active and critically-informed interest in an area of the fine arts;
- ☐ A recognition of the potentiality of the physical self and the importance of continuing physical activity;
- ☐ A strong sense of individuality and respect for independence in thought and action;
- ☐ A commitment to responsible moral, social, and political action.

Accreditation

Western Maryland is accredited by the Middle States Association of Colleges and Secondary Schools. Undergraduate programs in teacher education are approved for certification by the Maryland State Department of Education. The College holds membership in The American Association of Colleges for Teacher Education and the National Association of Schools of Music with the approval of that Association for a Bachelor of Arts degree in applied music and in music history and literature and a Bachelor of Science degree in music education. The College is on the approved list of the American Association of University Women.

Campus and Facilities

Western Maryland is located on the Piedmont between the Catocin Mountains and the Chesapeake Bay. On the perimeter of outlying Baltimore, and 33 miles from the heart of that city, it also faces west across beautiful Carroll County and a rich countryside. Gettysburg is 23 miles north, and the Nation's Capital is 55 miles south. The surrounding area, which claims some of the

nation's major historical landmarks, provides matchless educational, recreational, and cultural opportunities.

At the entrance to the campus is Ward Memorial Arch (1898) in honor of the first president, Dr. J. T. Ward. Along the ridge and continuing over the rolling campus are buildings, blending several periods, for education, residence, health and recreation, and general uses.

Educational

Levine Hall of Music (1891) is named in memory of James Levine Billingslea. It houses the department of music and provides studios and classrooms, practice rooms, a recital hall, and the Doria Music Library. The Library (1962) is a modern, air-conditioned building with a capacity of more than 125,000 volumes, allowing for growth from the present 100,000 volumes. On a lower level, and with a private entrance, are the psychology department offices and classrooms. The Fine Art Building (1908) serves the art department. Lewis Recitation Hall (1914), named for the College's second president, contains classrooms and laboratories for the departments of mathematics, physics, biology, and chemistry. The building, which was extensively renovated in 1966 with the addition of Lewis Hall of Science, contains an auditorium, classrooms, and laboratories. Memorial Hall (1929) contains classrooms and departmental offices. On the lower floor of Baker Memorial Chapel (1958) are facilities for student activities, classrooms, and faculty offices, and for other educational purposes. The Computer Center (1966), located on the ground floor of Memorial Hall, contains an 1800 computing system with high speed disks for on-line storage of users' programs and data available to all academic departments.

Residential

The President's House (1889) is located just near the main entrance. It was the gift of Daniel Baker's sons.

McDaniel Hall (1922) named for William Roberts McDaniel, many years vice-president of the College, is a living unit for 123 women and contains the College lounge as well as rooms for the three local sororities. Housing for 166 women and several auxiliary rooms are in Blanche Ward Hall (1935) named for Blanche Murchison Ward, wife of Albert Norman Ward.

The third president's name was given to Albert Norman Ward Hall (1939), a composition of four distinct units providing residence space and social and fraternity rooms for male students. Daniel MacLea Hall (1955), named for the chairman of the Buildings and Grounds Committee from 1928-1950, is a men's residence of similar design. These living units face each other across a grassed area. Rouzer Hall, a men's residence completed in 1968 and housing 214 men with lounges and other social areas, is named in honor of Mr. E. McClure Rouzer, '07, a trustee since 1952. It is adjacent to the air-conditioned Englar Memorial Dining Hall, also completed in 1968 and named in honor of the members of the Englar family who have attended Western Maryland College across the years.

Whiteford Hall, a residence hall for women with lounges, study and recreational areas, accommodating 185 students, was also completed in 1968 and occupies the northeast corner of the women's quadrangle. It is named in memory of Mr. and Mrs. Roger J. Whiteford. Mr. Whiteford was a member of the Class of 1906 and a trustee from 1934 until his death in 1965.

There are two language houses; in each the head resident is a native of the country whose culture and speech is being studied in an everyday setting. Ten students live in the French house. Seven may occupy the other which is Spanish or German in alternate years.

Health and Recreation

The Thompson Infirmary (1950) was erected in memory of Dr. William J. Thompson, a former trustee. It provides wards for both men and women in addition to isolation rooms for emergency cases. A competent nursing staff is available at all times. The College physician has daily office hours in the infirmary.

Physical education facilities for women are in Blanche Ward gymnasium.

The Gill Gymnasium (1939), named for Brigadier General Robert J. Gill, '10, has a main playing floor eighty by one hundred fifteen feet with folding bleachers seating one thousand. Lockers and shower rooms are provided as well as rooms for intercollegiate athletics and the department of physical education.



The "Dick" Harlow swimming pool, constructed in 1968 as a part of the dormitory-dining hall complex, meets all requirements for intercollegiate competition. It is flanked by dressing rooms for men and women as well as classrooms, a squash court, and additional physical education facilities. Hoffa Athletic Field is the setting for intercollegiate sports. While there are concrete and wooden bleachers, it is a Western Maryland custom for fans to view games from their automobiles parked on the hillside overlooking the field.

Harvey Stone Park is a tract of five acres with a natural amphitheater and a covered pavillion. Numerous student picnics are held there and the amphitheater has been the scene of May Day festivals.

A nine hole golf course, five playing fields, and ten tennis courts are available on the campus for student use.

General

The Winslow Student Center (1959) named in honor of Trustee W. R. Winslow, provides quarters for student government offices, student publications, the college bookstore, the college post office, game rooms, and snack machines. Alumni Hall (1899) contains an auditorium capable of seating 935 persons. It is used for assemblies, lectures, and musical programs as well as for presentations of the dramatic art department. Alumni Hall contains a three-manual pipe organ by Moller. Elderdice Hall, erected by the Wesley Theological Seminary in 1921 and acquired in 1958, houses the offices of administration. The original Baker Chapel (1895), gift of William G. Baker of Buckeystown, Maryland, is a popular location for weddings and other similar events.

College Community

Western Maryland students feel an integral part of their education is the self-fulfillment and understanding of human nature gained through inter-relationships with others from all segments of the college community. Teachers are known for their willingness to tutor, counsel, or give vocational guidance whenever a student asks.

The College encourages student input on matters which affect them directly. Because of this, students fill standing openings as voting members along with faculty and administration on college committees. The Student Government Association conducts student affairs and makes recommendations on matters concerning students to the proper faculty or administrative office. Students also work closely with administrators to tie college goals with students' needs.

Every community has certain regulations and traditions which members are expected to uphold. The college community depends upon members who are mature and responsible. To this end Western Maryland College has in recent years placed greater responsibility on the student for the management of his own affairs. Some regulations in the area of personal behavior are necessary for the College to function well as an academic institution. These are clearly stated in the *Student Handbook*.

The program at the College operates on the assumption that important elements in education such as interchange in ideas and better understanding of other people are facilitated when students live together. For this reason, all students except those officially accepted as a "commuting student" are required to reside in college residence halls. Special authorization from the Associate Dean of Student Affairs must be obtained to move off campus.



The Honor System and the Student Honor Board

Students at Western Maryland College subscribe to an Honor Code as a way of maintaining a college community of high moral character. The code and the Honor System which supports it have developed from the belief that students who are accepted for enrollment at WMC are dedicated to good education and to their own continuing growth, and would not be satisfied to obtain grades or degrees — the mere symbols of education — by dishonest use of the work of others. In trusting each other to do academic work without proctoring or other direct supervision, scholars convey respect for their colleagues and affirm their dignity. Thus, the Honor Code is a positive, not a negative, sanction; it seeks to attract scholars to honorable conduct rather than repel them from the consequences of infractions. Students at WMC agree to govern their academic conduct according to the principles of the Honor Code and to report to the Student Honor Board, any infractions in which they might become involved.

The Student Honor Board is a group of 30 to 33 students, elected by the student body at large, whose purpose is to foster high standards of honor; it maintains the Honor System and makes it a functioning part of campus life. The Board investigates all alleged infractions of the Honor Code, deliberates judgment, and prescribes corrective action.

The Integrity of an Honor System is only possible when guaranteed by the participation of the students and faculty. WMC is proud of the tradition of honest and vigorous inquiry which its students, faculty, and alumni have shared over the years.

Co-Curricular and Extra-Curricular Activities

Honor Societies. There are eight national honor societies and two local honor societies active at Western Maryland College. Two of these societies are oriented toward leadership and campus service: Omicron Delta Kappa a national society recognizing leadership in men and the Trumpeters a local honor society honoring senior women dedicated to campus service. A number of national scholastic honor societies recognizing

achievement in specialized fields are Beta Beta Beta (Biology), Delta Omicron (Music), Pi Gamma Mu (Social Sciences), Kappa Mu Epsilon (Mathematics), Omicron Delta Epsilon (Economics), Phi Sigma Tau (Philosophy). The honorary chemical society, Phi Lambda Upsilon, allows a joint arrangement between Western Maryland College and the Johns Hopkins University. A local honor society, The Argonauts, selects students on the basis of general scholastic achievement.

Student Publications. The *Gold Bug* is a semi-monthly paper issued by the students of the College. A college yearbook, *Mnemonic*, is edited and published annually by the senior class. A student edited literary magazine, *Contrast*, is published annually by the undergraduates.

Greek Letter Societies. There are six social fraternities and sororities on the campus of local origin and one national social fraternity: Alpha Gamma Tau, Delta Pi Alpha, Gamma Beta Chi, and Phi Delta Theta for men; Delta Sigma Kappa, Phi Alpha Mu, and Sigma Sigma Tau for women.

Special Interest Organizations. Various organizations concerned with special interests such as music, drama, religion, academic major, professional goals, community service, and political orientation exist on campus. The activity of the organizations and their impact on campus life varies from year to year. The *Student Handbook* has a brief description of each special interest group.

Athletics. Athletics are a part of the tradition at Western Maryland College as a recognition of their importance in a rounded college life. Two parallel intercollegiate athletic programs are conducted — one for men, one for women. Intercollegiate teams for men include baseball, basketball, football, lacrosse, soccer, tennis, and wrestling. Intercollegiate teams for women include basketball, field hockey, lacrosse, tennis and volleyball. Membership on intercollegiate teams in cross country, golf, swimming, and track is open to both men and women.

Intramural programs for both sexes are extensive and provide for a wide variety of competitive events. Coeducational tournaments and competition are also held in activities such as archery, badminton, tennis and golf.

Admissions



Application

Secondary School Credits. Western Maryland is a liberal arts college and it is essential to evaluate the total academic program of the student. Sixteen high school units of work are normally considered to be a minimum preparation for college, and students capable of carrying heavier academic loads, or enriched and accelerated courses, are strongly encouraged to do so. It is recommended that the high school program include as a minimum four years of English, three years of social studies, three years of one foreign language (preferred, though not essential), two years of work in laboratory sciences (biology and chemistry), and three years of mathematics. Additional studies should be selected on the basis of the abilities and interests of the particular student.

Examinations. All candidates for admission to Western Maryland should plan to take the Scholastic Aptitude Test and a language achievement test given by the College Entrance Examination Board. Since a large portion of each entering class is accepted early in the student's senior year, it is recommended that the Scholastic Aptitude Test be taken at the end of the applicant's junior year. Students not taking the test until their senior year should take the test during the November administration. The language achievement test is required of all students seeking exemption from the general requirement of the College and all students desiring to continue a language studied in high school. For those seeking exemption, the test can be taken either at the end of the senior year or at the close of the final year of language study. For those continuing the language in college, the test must be taken at the May (or July) administration just prior to college entrance to enable proper placement by the Language Department. This test is used for placement and is not required at the time of admission. For additional information related to the dates when these tests will be administered, the student should consult the high school counselor or write to the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540.

Campus Visits and Personal Interviews. Prospective students and their parents are encouraged to visit the Western Maryland campus, preferably while the College is in

session. Personal interviews, although not required of all students, are desirable. These conferences may be scheduled by writing to the Admissions Office or phoning 848-7000. Appointments for personal interviews are available Monday through Friday from 9:00 a.m. until 3:30 p.m., and on Saturday from 9:00 a.m. until 12:00. It should be noted that the Admissions Office is closed during certain holiday seasons.

Making Application. Secondary school students desiring admission to the College for the fall term are urged to make application immediately following their junior year. An exception to this general rule would be an accelerated student who desires to enter college immediately following the junior year, and such a student should apply early in the junior year. All other candidates for admission are likewise urged to make applications well in advance of the date of desired entrance. Students may begin at Western Maryland either in September (first semester) or February (second semester) or June (summer session). A system of rolling admissions is used and no application should be submitted later than one month prior to the desired date of entry. A \$10.00 non-refundable application fee is charged to help defray the cost of processing the application. Application forms, leaflets, and catalogs may be obtained by writing to the Admissions Office.

Entrance Decision. Western Maryland employs an early acceptance type of program in admissions designed to eliminate many of the pressures associated with college entrance. Early acceptance benefits the student by reducing the need for multiple applications. It also benefits the College by producing capable students who possess a sincere loyalty to Western Maryland.

Officials of the College measure the academic success of each applicant in terms of the following: 1) subjects and grades (special consideration is given to accelerated and enriched courses), 2) rank in the graduating class, when available, 3) aptitude and achievement test results, 4) personality ratings, and 5) the recommendation and evaluation by the principal or counselor. The level of academic competition found within the particular secondary school attended by the applicant is also a major factor in the evaluation.

In addition to these factors, the college gives consideration to the Personal Information Form as completed by the applicant. Neatness and verbal expression are noted, especially on the student essay sheet, and attention is also given to the student's interests and participation in clubs and activities of a non-academic nature.

Acceptance. Students completing their applications prior to November 1 will generally receive entrance decisions during the month of November. The remaining students will normally receive their decisions three to four weeks following the completion of their application. Some delay may be encountered by December applicants due to the holiday period.

All decisions will be mailed to both the student and the high school. Date of committee action is determined by the date on which the student's application is completed. An acceptance letter to the student contains a contract which must be signed and returned to the Admissions Office within

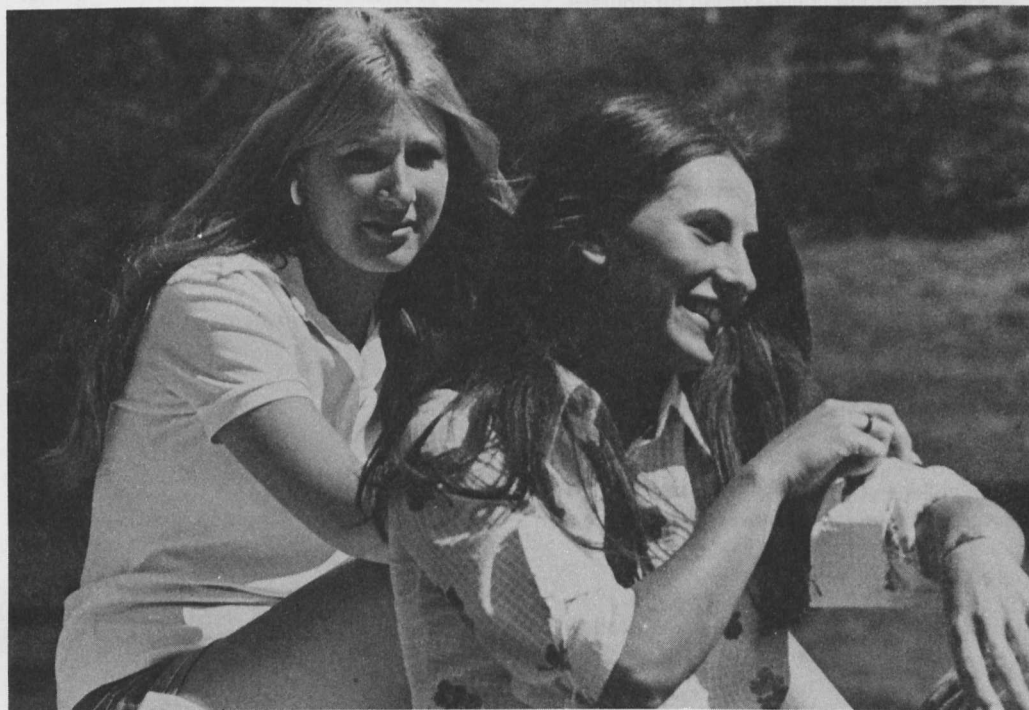
four weeks of the date of acceptance. A payment of \$80 is also made at this time to confirm the student's sincere desire to attend. This amount includes the matriculation fee of \$30 and a \$50 room deposit. One half of the matriculation fee plus the room deposit (a total of \$65) can be reclaimed until April 1.

Transfer Students

The College recognizes transfer students as a very significant part of the total application group, and approximately 10-15% of each entering class are students transferring from two-year and four-year colleges. The student should follow the usual admissions procedure and present the following:

1. Official transcript of college record sent directly from each college attended.
2. Official high school record sent directly from last high school attended.
3. Official record of College Entrance Examination Board Scholastic Aptitude Test scores, if taken.

A student will be considered for transfer



from another accredited college only if the transcript shows a satisfactory record and honorable dismissal. The last thirty hours, exclusive of senior education courses, must be taken in residence at Western Maryland College. Courses that compare to the offerings of Western Maryland are transferrable provided the grades received are above the lowest passing grade of the institution formerly attended.

An indication of transfer credits will be made by Western Maryland College at the time of the entrance decision.

Advanced Standing and/or Placement

Decisions pertaining to advanced placement in specific academic areas are based upon a study of the student's high school program. Although achievement tests of the College Entrance Examination Board, other than language, are not required, it is felt that they often assist us in determining placement, especially when combined with SAT scores.

Students desiring college credit for courses taken in high school are required to take the appropriate Advanced Placement Examination(s) of the C.E.E.B. With the approval of the appropriate academic department, satisfactory scores on such tests will enable students to receive college credit toward graduation in addition to advanced placement.

Applicants who have done College-level work that is "over age" for transfer credit may prove the "aliveness" of their educational experience by submitting scores made in the College Level Examination Program of the College Entrance Examination Board.

Applicants who have had non-school or irregular experiences which may have furnished knowledge equivalent to that acquired in regular college courses may establish their claim to credit for such knowledge by taking either the APT or the CLEP examination appropriate to the subject matter.

Scores from such tests should be submitted in time for evaluation by administrative officers at Western Maryland.

Expenses

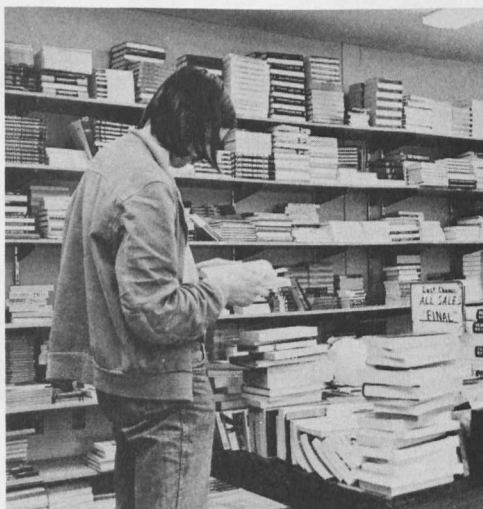
Western Maryland College has always attempted to keep its fees within the reach of those students coming from families

with moderate incomes, so that its educational program might be available to all. In this era of increasing price and wage levels such a policy has been extremely difficult, and the following charges for the academic year, 1974-1975, which are less than those of many independent colleges of similar calibre, are made possible only because of the liberal support of many alumni and friends.

The regular academic year for undergraduate students consists of a fall semester, a January term, and a spring semester. The January term is considered part of the fall semester for cost purposes, and students are charged the same tuition each semester whether they attend the January term or not.

Tuition for a full-time undergraduate student is \$1,137.50 per semester. Special and part-time undergraduate students are charged \$75.00 per semester hour. An extra tuition charge is made for certain courses in education where there is individual instruction and for private instruction in voice and musical instruments. A number of January term courses carry additional fees for travel or special materials. These fees are listed under the course descriptions.

Room charge in regular dormitories, two or more per room, is \$212.50 per semester. An extra charge of \$12.50 per semester applies on a limited number of single rooms. Garden apartment units, four students per unit, cost \$300.00 per semester for double bedrooms and \$325.00 per semester for single bedrooms.



Board charge is \$350.00 per semester. This is a comprehensive plan covering 21 meals per week when college is in session and is required for students residing in dormitories. It is optional for residents of the garden apartments which have kitchen facilities.

Average Total Expenses for an Academic Year

Tuition	\$2,275.
Room and Board.....	1,125.
	<u>\$3,400.</u>

For all full-time students, including commuters, a \$50.00 tuition and room deposit is required in the spring prior to approval for registration or room assignment for the succeeding year. This deposit is credited to the fall semester account. Should the student not notify the College of withdrawal before July 1, the deposit is forfeited.

It is assumed that a student will not withdraw from the College during a semester. In the event such a withdrawal is necessary due to serious illness or similar extenuating circumstances, the following refund policy will prevail:

Tuition — Withdrawal

Less than 2 weeks.....	80%
Between 2 and 3 weeks.....	60%
Between 3 and 4 weeks.....	40%
Between 4 and 5 weeks.....	20%
5 weeks or more.....	no refund

Room — No refund unless room can be filled with another student. If room is filled, refund will be pro-rated from date of withdrawal.

Board — A pro-rata refund for board will be made from date of withdrawal.

The effective date of withdrawal is established by completion of all stages of the withdrawal process with final approval by the Dean of Students and the Registrar.

Payment of Bills

The College divides the student's basic charges into two half-year billings: The first due and payable on September 1 and the second on February 1. 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 Cashier. No student will be permitted to enter class, advance from one class to another, or be graduated until all financial obligations are met.

For the convenience of parents desiring monthly payment arrangements, several commercial plans are available. Information describing these plans is mailed to parents annually. The College is not in a position to offer credit or extended payments through its Finance Office but information and assistance with other arrangements is provided upon request.



Financial Aid

Students who are accepted for admission and who cannot attend Western Maryland without financial aid may be eligible for assistance through scholarships, self-help positions, or loan funds. Such students are requested to obtain a Parents' Confidential Statement from any secondary school guidance office and submit it to the College Scholarship Service in Princeton, New Jersey. The College Scholarship Service generally requires three to four weeks to evaluate the financial data and forward results to the College.

The Western Maryland Financial Aid Office will review all applications only after the student has proven to be worthy of admission to the College, and aid grants are generally announced from December 1 to mid-March. Applications received after March 1 run the risk of aid funds being depleted. Since the aid offered by the College is limited, each student is urged to contact the high school counselor regarding state and local sources of aid to supplement the possible aid from the College.

College Scholarships and Special Grants.

A number of scholarships and special grants, valued from \$100 to \$2275 per year, are awarded annually to worthy students. Endowed and special scholarships which make up a portion of the grants awarded, are listed in a later section of this catalog.

Student Loan Grants. The Federal Loan Fund, established by the National Defense Education Act of 1958, enables the College to assist many needy students. The typical student loan grant is in the range of \$300 to \$600, and no annual grant can exceed \$1,000. The interest rate of 3% does not begin until 9 months after the student terminates his/her education, and a special reduction clause enables teachers of special education to cancel from 50% to 100% of the amount borrowed.

Other loan grants are available through the United Methodist Student Loan Program.

Campus Employment. There are a number of self-help positions on the campus whereby a student can earn up to four or five hundred dollars annually. On the theory that freshman

students should be free to give full time to academic and extra-curricular activities, these positions are reserved for upper-classmen. To those freshman students, however, who find it necessary to have help of this sort, the College awards Freshman Scholarships for the first year only, which give the student an outright grant equivalent to what he might earn in subsequent years.

State Scholarships for Maryland Residents.

All scholarships listed below require the student to take the November or December Scholastic Aptitude Test (S.A.T.). A Parents' Confidential Statement *must* be filed with the Educational Testing Service, Princeton, New Jersey, by *December 1*. Materials to meet these requirements may be obtained from the high school guidance office. It should be understood that recipients of these scholarships must gain admission to the College through positive action of the Admissions Committee, and campus housing can be assured only by applying early in the senior year.

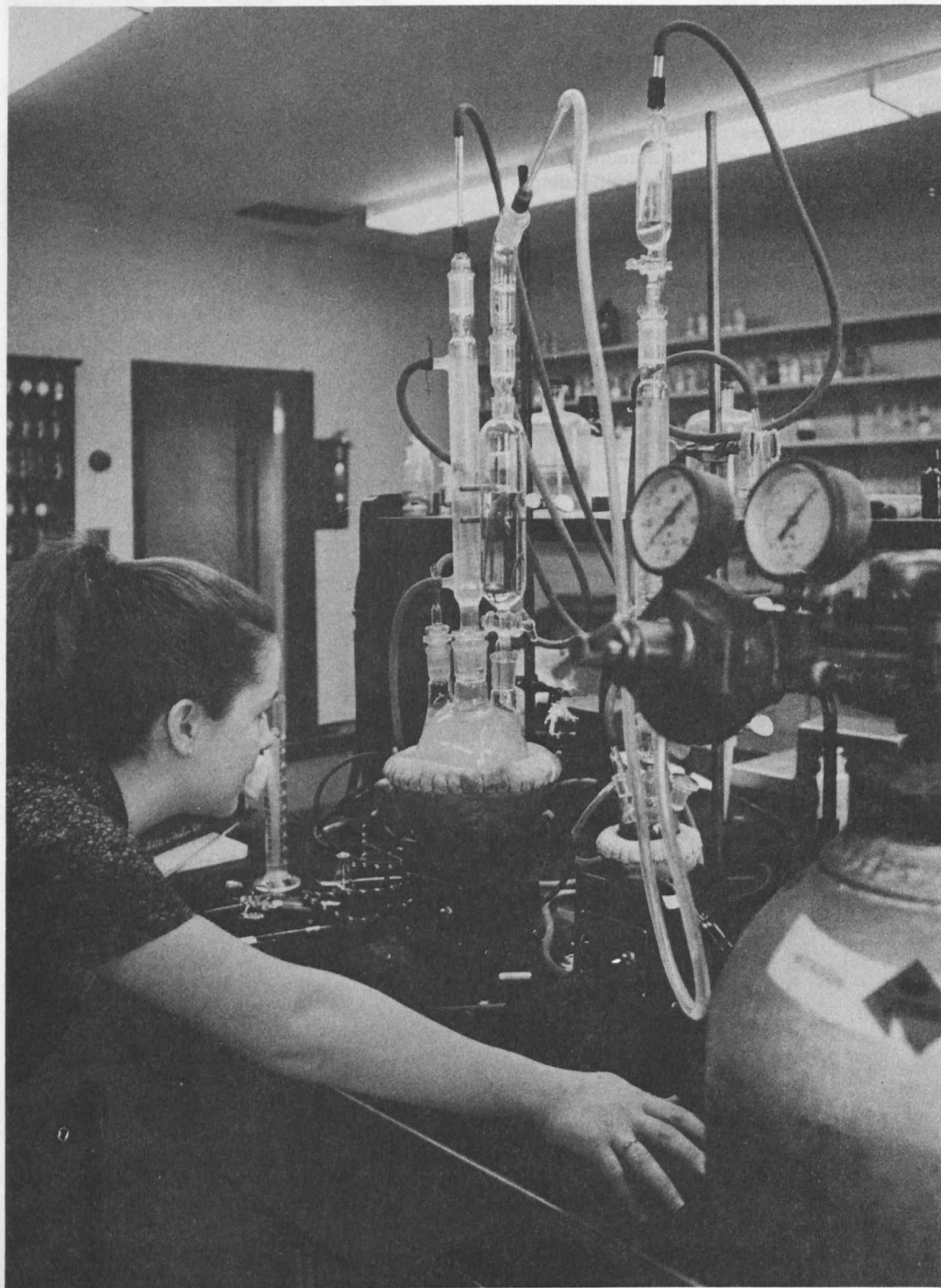
- a. Senatorial Scholarship Appointments: An act of the General Assembly of Maryland enables each of the local State Senators to award a minimum of 145 scholarship units per year. Each scholarship unit is valued at \$100 and a recipient is not allowed to hold more than 15 units of aid (\$1,500) in any one academic year. These scholarships may be held for four years, and interested students are urged to contact the local State Senator for additional information and possibly a personal interview.
- b. General State Scholarships: These scholarships are awarded by the State Scholarship Board using the Scholastic Aptitude Test and the Parents' Confidential Statement. Half of the scholarships in each political subdivision of Maryland will be awarded to students showing the greatest financial need and the other half will be awarded to meet the need of those students having the highest aptitude (S.A.T. scores). Each Scholarship unit is valued at \$100 and a student may receive as many as 15 units annually. This type of scholarship does not restrict the recipient to any particular academic field of study or vocational choice.

Federal Scholarships and Loans. The newest federal venture is entitled — The Basic Educational Opportunity Grants Program (BEOG). Students may secure an application for this program from the high school guidance office, the College financial aid office, post offices and other selected federal office buildings. The maximum grant for the 1974-75 school year should approach \$800. The grant is 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. It is suggested that all students interested in financial aid complete the B.E.O.G. application.

Students may also seek low-interest loans through the Guaranteed Student Loan Program. Maximum loan amounts vary from state to state. In Maryland students may receive up to \$1,500 through their local bank. Students who qualify receive a loan which does not accrue interest until after graduation. Those not eligible for an interest-free loan may still receive a federally subsidized loan at a rate of 7% per annum.



The Educational Plan



Liberal Arts

The liberal arts philosophy followed by Western Maryland is aimed at fostering an enlightened and responsible citizen — enlightened in the sense of understanding rather than merely possessing a fund of facts, and responsible to the degree of being involved personally in what engages the mind. The College January Term and honors program both encourage students to expand their areas of interest and to develop their capacity for independent study. At the same time, the College encourages students to develop a sense of aesthetic and moral values and to feel inspired to create. Such interests are not merely supplementary to the business of life; by adding value to leisure hours, they make it full. Western Maryland also realizes that professional proficiency is essential. Certain career choices require special abilities which the student is helped to acquire. The College provides an education which is basic to nearly all professions as well as specialization in some areas. Typical of this chance to specialize is the opportunity for language students to take their third year of study abroad. Opportunity is afforded to a limited number of students to participate in the Drew University Semester at the United Nations and the American University Washington Semester. Western Maryland is one of a number of schools which offer pre-professional training in forestry for Duke University. After three years at Western Maryland College and two years in the Duke School of Forestry, the student receives the A.B. and the master's degree in forestry.

Degrees

Western Maryland offers two bachelor's degrees, the Bachelor of Arts and the Bachelor of Science. The College also offers programs leading to the degree of Master of Education.

The Bachelor of Arts degree is conferred upon those students whose programs include a major in one of the traditional subjects of the liberal arts curriculum and at least 88 semester hours in courses which are not applied or professional.

The Bachelor of Science degree is conferred upon those students whose programs include either a major in an applied or professional subject or less than 88 semester hours in courses of the traditional liberal arts curriculum. Courses which are classified as applied or professional rather than as traditional liberal arts are as follows: Applied Art; Business Administration; Computer Science; Dramatic Art 113, 114, 122, 207, 208, 209, 210, 311, 312, 319, 320; Education; Library Science; Military Science 305, 306, 405, 406; Applied Music, Music Education, Musical Organizations; Physical Education (all courses except the first three semester hours of activity taken); Statistics.

Requirements for the Baccalaureate Degree

The completion of 118 semester hours with an index (figured on work attempted at Western Maryland College) of 1.00 or above is required for the bachelor's degree.



These semester hours are to be distributed among basic subjects, major requirements, January Term Courses, and electives as listed below. The student's adviser guides his program and is at all times available for consultation; but the final responsibility for meeting the requirements for graduation rests with the student.

Basic Liberal Arts Subjects

For either bachelor's degree the following basic subject requirements must be satisfied. All of the following requirements may be satisfied or reduced by appropriate examination when available. No course may be used to satisfy more than one basic subject requirement.

	Semester Hours
English Composition	6 ¹
Literature	6 ²
Foreign Language	12 ³
Laboratory Science	6
Social Science	6 ⁴
Non-Western Studies	3
Religious or Philosophical Thought	3 ⁵
Fine Arts	3 ⁶
Physical Education Activity	3 ⁷
	48

Major Requirements

For either the Bachelor of Arts or the Bachelor of Science degree, the courses must be completed which are listed under one of the departmental objectives in the Guidance Bulletin, a copy of which is given to each entering student during the freshman orientation period. The student must also secure a satisfactory grade on the departmental comprehensive examination.

Eighteen semester hours of C grade or better beyond the introductory courses are the minimum requirements within the department for a major. At least twelve of these semester hours must be completed at Western Maryland College. No more than forty-two semester hours, including January Term courses, in any one department will be counted toward the bachelor's degree; however, students working in special studies courses toward departmental honors may be permitted six semester hours in the department beyond the maximum regularly allowed toward graduation. Introductory courses in the departments are marked in the catalog with an asterisk.

Departments in which a major leads to the degree of Bachelor of Arts are: American studies, art (at least twelve semester hours in history of art), biology, chemistry, comparative literature, dramatic art, economics, English, French, German, history, mathematics, music (no more than sixteen semester hours in applied music), philosophy and religion, physics, political science, psychology, sociology, and Spanish.

Departments in which a major leads to the degree of Bachelor of Science are: art (less than twelve semester hours in history of art), music education, and physical education.

January Term

Students are required to complete successfully no less than two January Terms. Those who transfer on the junior or senior level must successfully complete one January Term for each academic year of residence. The January Term courses are listed and described in a later section of this catalog.

¹The standard requirement in English composition is six semester hours. For students judged by the English department to have unusual skill, the requirement may be reduced to three semester hours.

²The six semester hours may be chosen from Comparative Literature 101, 102, 202, 205, 206, 223; Dramatic Art 325, 326; English 104, 211, 213, 214, 217, 218, 304, 311, 327, 328, 332. For the acceptability of courses not listed in this catalog, consult the department concerned and the Registrar's office.

³In foreign language, students are required to give proof of competence equal to two years of college study. This may be demonstrated by passing second-year courses or by achieving a satisfactory score in a competence test. Students are asked to take College Board achievement tests, prior to their matriculation, in any language in which they may conceivably wish to continue. Depending on the score on this test, a student may be exempt from further language study or will be placed at the proper level for continuance. No credit will be given for the beginning semester of a language in which the student has passed two years of secondary school courses.

Students whose native language is not English are exempt from the foreign language requirement.

⁴The six semester hours may be chosen from economics, history, political science, sociology.

⁵The three semester hours may be chosen from Philosophy 211, 213, 214; Religion 107, 203, 204, 215, 216.†

⁶The three semester hours may be chosen from Art 109, 113, 114, 115; Dramatic Art 119, 214; Music 109.† Students majoring in art, dramatic art, or music may fulfill this requirement by the satisfactory completion of the introductory course in the major.

⁷All students must present evidence of an acceptable level of knowledge and skill proficiency in each of the following areas: *two life-time sports activities* (archery, badminton, bowling, golf, riding, rifle, skiing, squash, swimming, tennis, outdoor activities); *one team activity* (baseball, basketball, field hockey, football, lacrosse, rugby, soccer, speedball, volleyball); and *one fundamental movement activity* (body mechanics, dance, fencing, gymnastics, judo, karate, rappelling, swimming, track, wrestling). The knowledge and skill proficiency requirements may be satisfied through (1) satisfactory completion of appropriate activity courses, (2) satisfactory performance on proficiency tests, and/or (3) participation in the intercollegiate athletic program. Students may be exempt from this requirement by reason of age or physical disability. Students seeking such exemption must apply to the Dean of Academic Affairs.

Electives

For either the Bachelor of Arts or the Bachelor of Science degree, the additional courses to total 118 semester hours should be selected after consultation with the student's adviser. Those who are candidates for a certificate to teach in the secondary schools must include at least eighteen semester hours of education courses among their electives, must meet certification requirements in the subjects they expect to teach, and must be under the advice of the department of education as to allowable teaching subjects and combination of subjects.

Although no majors are offered in the following subjects, courses are given in them; astronomy, business administration, computer science, education, general science, geography, interdisciplinary studies, Latin, library science, military science, non-Western studies, Russian, and statistics.

Accelerated Program

In normal procedure a degree is earned over a four-year period. Many students justifiably desire to shorten this period as much as possible. For such students a sequence of courses is usually possible which meets the requirements for the degree in slightly less than three years. This acceleration is possible for students who attend college during the summer session. As tuition charges in summer are considerably lower than during the regular college year, choosing such an accelerated program effects a saving in money as well as in time. Students may enroll at the opening of the fall, winter, or summer terms.

Requirements for the Master's Degree

Western Maryland offers graduate studies in education, open to individuals who have acquired a baccalaureate degree. As most students are in-service teachers, courses are offered primarily in late afternoon and evening hours during the school year and during the day two five-week summer terms. Dormitory accommodations are available during the summer only. Off-campus courses are offered in five locations in various parts of the state.

Those students who wish to matriculate for the Master of Education degree may apply to the Education Office, either before or after enrolling for course work. The Master

of Education degree program is divided into three parts: an area of concentration (9-12 hours), education (9-12 hours) and supportive content courses (9-12 hours). Areas of concentration are available in the following fields: American studies, art, educational administration, deaf education, English, guidance and counseling, mathematics, media (library science), music, physical education, reading, science, social studies and special education. In areas requiring advanced certification (e.g., administration) some course work may be required beyond the Master of Education degree to meet requirements for a certificate.

Course descriptions, requirements for matriculation in the program, and descriptions of each program are detailed in the Graduate Catalog, available through the Education Office, Western Maryland College.

Student Records

Two kinds of records are kept of a student's life at Western Maryland.

In the Registrar's Office are kept all academic records, such as high school entrance units, credits awarded by transfer, courses taken at Western Maryland and grades therein, major(s) completed, degree conferred, honors awarded (if any), brief statement of reason for separation.

In the office of the personnel deans are kept all non-academic records. These include data relative to health, records of disciplinary or academic warning, and notes of counseling situations.

The academic records are made available to the administrative officers, and to appropriate faculty members. These records are also made available on request and in the student's interest to other colleges or universities, employers, prospective employers, draft boards, governmental and local agencies.

The personal records in the Deans' Office are confidential records. These are not opened to agencies outside the college except in case of court subpoena or at the request of the student. The substance of the personal record may be interpreted by the appropriate college officer only in unusual circumstances.

Grades and Reports

The instructor determines the progress of the individual and the group by means of conferences, class work, tests measuring the cumulative knowledge in the course and in the field of study, special assignments or

papers, and other procedures which may prove valuable.

The scholastic standing of students is indicated by a system of grades, designated by the letters A, B, C, D, F, and I. A, B, C, and D are passing grades, A indicating work of the highest rank, D of the lowest. Students receiving the grade of F must repeat the course if they wish to receive credit for it. Students receiving the grade of I must complete the course within one year from date of record if a credit grade is to be given. Qualified juniors and seniors may elect certain courses under the Pass-Fail option.

A student who withdraws before the last four weeks of classes (the date specified in the catalog) receives a grade of W and the course is not counted in figuring the student's index. After the stated date, failure to meet a course obligation will be graded F and so recorded; exceptions to this rule may be permitted only by the Dean of Academic Affairs 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 college during the last four weeks of classes a student will receive a grade of WP (withdrawn passing) or WF (withdrawn failing).

The general quality of students' work is numerically determined by assigning quality points for each semester hour of a grade as follows: A, 3; B, 2; C, 1; D, 0; F, -1; a student's index is obtained by dividing the number of quality points by the number of semester hours attempted. In order to be ranked in full class standing, students must complete successfully the normal program of semester hours with at least an equal number of quality points. The standard rate of procedure is 30 hours a year, but students should undertake programs they can handle successfully, no matter what the hour total. The number of semester hours which each course carries is stated after its title in the section of this catalog entitled Courses of Instruction.

Reports are mailed to students at the end of each semester and during the freshman year at mid-semester. The academic records are reviewed each semester by the Committee on Admissions and Standards. A student may be dropped from college, when, in the

opinion of the Committee, his scholarship record is so low as to justify such action.

Honors

Honorable Mention is given for outstanding scholarship during a college year. The honor is recorded on the permanent record. An index of 2.1 is necessary for freshmen and sophomores to receive honorable mention; for juniors and seniors, an index of 2.2 is necessary.

The College grants two types of honor citations at graduation, General Honors and Departmental Honors. The attaining of these citations depends on the quality of work done, as outlined below.

1. General Honors: *Summa Cum Laude*, *Magna Cum Laude*, and *Cum Laude*. These honors are recorded on the diplomas and on the students' permanent records. An index of 2.75 is necessary for *Summa Cum Laude*, 2.5 for *Magna Cum Laude*, and 2.2 for *Cum Laude*. Students who have transferred credit from other institutions must have achieved the index necessary for general honors both in the courses taken at Western Maryland and in all the courses taken.
2. Departmental Honors: *Honors in* (name of the major department). These honors are recorded on the students' permanent records. To receive departmental honors, students must:
 - a. Have an index of 2.2 in an aggregate of all courses taken in the major department;
 - b. Pass with distinction a comprehensive examination in the major field;
 - c. Satisfy any departmental requirements, such as engaging in seminars or in individual directed study, submitting an essay, etc.; and
 - d. Be recommended by the department.

The Courses



Courses of Instruction

Each department has a code number shown in parentheses at the head of the departmental listing.

Courses are designated by departments and a three-digit system of numerals. The first, or hundreds, digit in a number indicates the class standing that a student must attain to be eligible for the course. Freshmen may not register for any course numbered 201 or above; sophomores, 301 or above; juniors, 401 or above.† No credit toward the baccalaureate degree will be given for courses numbered for graduate study.

Single numerals (e.g., 101) designate semester courses. *Double numerals* (e.g., 101, 102) indicate a year course. *Odd numerals* mark courses generally offered in the first semester, *even numerals* those in the second semester. Numerals such as 101; 101R indicate a course which is given in both semesters.

A *semicolon* is used to separate the numerals (e.g., 103; 104) when each half year's work may be taken independently of the other and credit received for the work of a single semester.

A *comma* placed between the numerals (e.g., 105, 106) indicates that the work of the first semester is prerequisite to that of the second but credit may be received for the work of the first semester without the completion of the work of the second.

The numbers in parentheses following the title of the course indicate the number of semester hours credit the course carries each semester. Normally, each course meets the same number of periods per week as credit unless otherwise specified.

An *asterisk* placed before the course designation (e.g., *101) indicates that the work is considered introductory in relation to major requirements.

Courses required for major programs are stated in full in the Guidance Bulletin published each year by the College.

A *course title in parentheses* indicates a course whose topic may vary from year to year.

AMERICAN STUDIES (01)

Faculty members from the departments involved

An American Studies major program, partly because of the interdisciplinary nature and integrated approach to the study of a culture, is an ideal central core to a liberal arts education. It is also an excellent foundation for secondary school teaching, government service, work in the media, law, library science, museum work, and in other programs leading to graduate and professional degrees.

A student majoring in American studies completes a "common program" and selects an "area of special interest" — either in history, literature, or the social sciences. The courses are drawn largely from the offerings of the various departments. (See the College Guidance Bulletin for a detailed list of courses included in this major.)

301. (Seminar in American Studies)

(3)

A survey of American culture with particular emphasis on the relationships among social conditions, intellectual history, and literature. In 1974-1975, the topic will be Major Themes and Motifs in American Culture. *Required of all majors. Prerequisite, History 107, 108 and six semester hours of American literature.*

302. (Seminar in American Studies)

(3)

An in-depth interdisciplinary study of a specific problem or issue in American culture, past or present. In 1974-1975, the topic will be The Turbulent 1890's. *Required of all majors. Prerequisite, American Studies 301.*

451; 452. Special Studies in American Studies

(1 to 3)

Students majoring in American studies must complete at least three semester hours of work in these courses.

ART (03)

Associate Professor Palijczuk; Assistant Professors Baughman and Fender

Students majoring in art may plan their programs for public school teaching, graduate study in applied or commercial art or in the history of art. Many students add art to their course of study for personal enrichment and a desire for creative satisfaction in leisure time.

Applied Art

101; 101R. Drawing I

(3)

A studio-oriented course concentrating on basic perspective variations in value and composition.

117. Design I

(3)

An introductory investigation of design principles involving the elements of art (line, color, value, texture, etc.).

201. Life Drawing

(3)

Drawing from live models to learn proportion and anatomy of the human head and figure. *Prerequisites, Art 101 and 117, or the equivalent.*

† Exceptions may be permitted only by the Dean of Academic Affairs.

- 208. Design II** (3)
A continuation of Art 117 stressing personal interpretation and solution to various design problems. *Prerequisite, Art 117.*
- 210. Lettering and Illustration** (3)
A disciplined study concentrating upon the many faceted roles of the commercial artist. Among the elements included are lettering, package design, and rendering. *Prerequisites, Art 101 and 117.*
- 212. Crafts** (3)
A workshop activity stressing the utilitarian and functional aspects of art. *Priority is given to art majors and to those who have had introductory art courses.*
- 219. Ceramics** (3)
A studio course investigating the coil, slab, and wheel methods of clay construction. Firing techniques and glazing procedures will be introduced. *Priority is given to art majors and to those who have had introductory art courses.*
- 301. Sculpture I** (3)
Clay modeling of the human head and figure; making of plaster molds and castings. *Prerequisites, Art 101 and 117, or permission of the instructor.*
- 302. Sculpture II** (3)
Various plaster build-up methods, wood and stone carving, assemblage forms. Individual experimentation of form and materials is strongly encouraged. *Prerequisite, Art 301 or permission of the instructor.*
- 306. Printmaking** (3)
A study of the principles of printmaking, with emphasis on wood and linoleum printing, serigraphy, intaglio and lithography. *Prerequisite, Art 101 or permission of the instructor. Alternates with Art 310. Not offered in 1974-1975.*
- 310. Water Color** (3)
Experimentation with at least ten different techniques of water color painting. *Prerequisite, Art 101 or permission of the instructor. Alternates with Art 306. Offered in 1974-1975.*
- 403. Painting I** (3)
An introductory course of oil painting with emphasis on realistic or recognizable objects. The mixing and application of paint to the painting surface and various painting techniques will be studied. *Prerequisites, Art 101 and 117, or permission of the instructor.*
- 404. Painting II** (3)
An advanced course with focus on larger dimensions. More individual freedom of choice of subjects, techniques, painting surfaces, and paint media is encouraged. *Prerequisite, Art 403 or permission of the instructor.*

History and Appreciation of Art

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. Field trips to museums are planned for each semester.

Either Art 113;114 or Art 115 is prerequisite to all courses in history and appreciation of art numbered 200 and above.

- 109; 109R. Introduction to Art** (3)
A course designed for the student who is interested in art but does not wish to major in it. It is a blend of studio experimentation with some history, aesthetics, and other theoretical foundations of the arts.

- 113; 114. History of Art** (3;3)
A survey of painting, sculpture, and architecture from 3000 B.C. to the present. The first semester course deals with Asian, Egyptian, Greek, Roman, and Medieval Art; the second, with Renaissance, Baroque, and Modern Art.

- 115; 115R. History of Western Art** (3)
A one-semester survey of the trends in painting, sculpture, and architecture from earliest times to the twentieth century, presented through a limited number of monuments and master artists.

- 221. Greek and Roman Art** (3)
Alternates with Art 233. Not offered in 1974-1975.

- 222. Medieval European Art** (3)
A study of Early Christian, Byzantine, Romanesque, and Gothic architecture, sculpture, and minor arts. *Alternates with Art 234. Not offered in 1974-1975.*

225. American Art, 1600-1940

(3)

Primitivism to Pollack. *Alternates with Art 237. Not offered in 1974-1975.*

226. Criticism and the Contemporary Arts, 1940 to the Present

(3)

Principles of taste, theories of criticism and aesthetics, and their relationship to art. *Alternates with Art 238. Not offered in 1974-1975.*

229. Non-Western Art

(3)

223; 234. European Art, 1250-1600

(3;3)

The Renaissance in Italy and in northern and western Europe. The first semester covers the period from 1250 to 1500; the second semester, the sixteenth century. *Alternates with Art 221 and 222. Offered in 1974-1975.*

237. European Art, 1600-1800.

(3)

The chief figures and works in the baroque and rococo styles. *Alternates with Art 225. Offered in 1974-1975.*

238. European Art, 1800-1940

(3)

The important movements and artists from the Neoclassicism of the Napoleonic Era to the Surrealism of the 1930's. *Alternates with Art 226. Not offered in 1974-1975.*

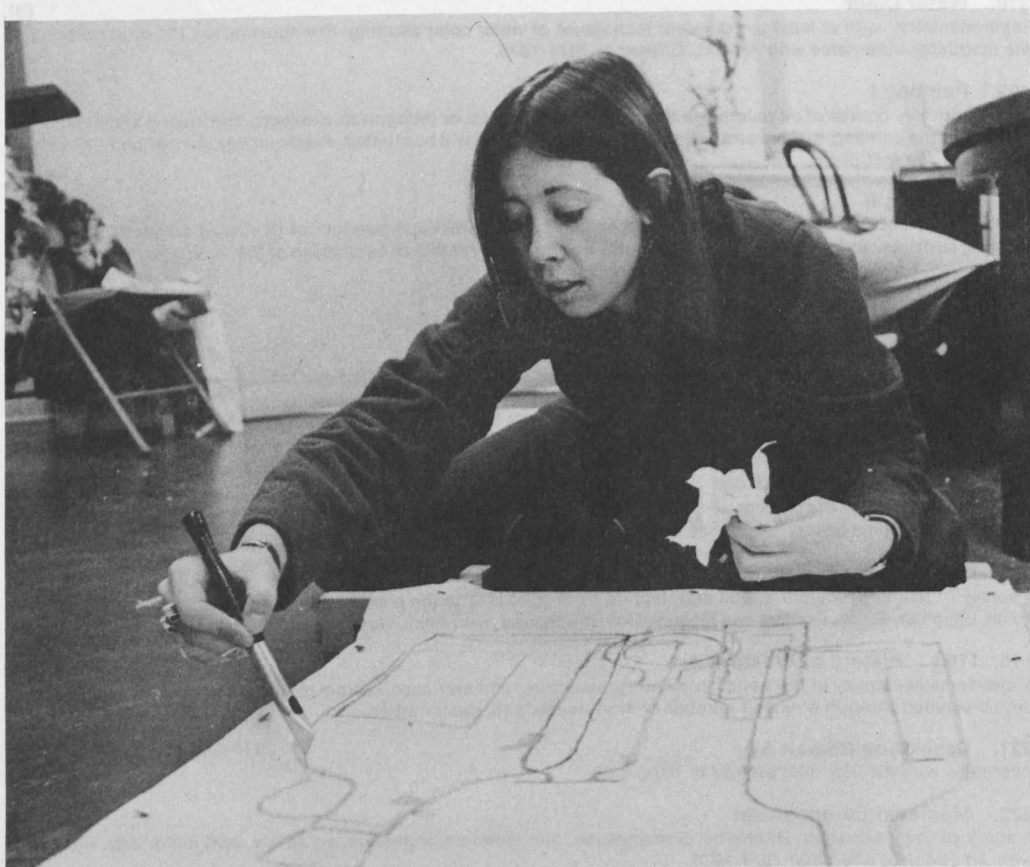
325. Aesthetics

See Philosophy 325.

351; 352; 451; 452. Special Studies in Art

(1 to 3)

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors in art. Qualified students who are not candidates for such honors but who desire to take the course are also admitted.



ASTRONOMY (06)

Mr. Makosky

No major is offered in this field.

102. Descriptive Astronomy

(3)

A non-mathematical study of the solar system, time, stars and constellations, nebulae, galaxies, and current celestial phenomena. *Offered in 1974-1975 and in alternate years.*

BIOLOGY (09)

Professors Royer and Kerschner; Associate Professor Brown; Adjunct Associate Professor Reed; Assistant Professors Alspach and Long

Students majoring in biology may prepare themselves for graduate study in biology, for professional study in medicine, dentistry, forestry, laboratory technology and physical therapy, and for teaching.

Biology 111 is a prerequisite to all other courses in biology except 113 and 116.

111, 112. Principles of Biology

(4,4)

In the first semester, the principles and current research involved in both bioenergetics and reproduction considered at the molecular, cellular, and organismal levels, with emphasis on homeostatic controls of the ecosystems. The work of the second semester integrates the principles of maintenance, genetic control and evolution of organisms. *Three class periods and one three-hour laboratory period a week.*

113. Biology and Human Concern

(4)

Topics of social concern, such as pollution, atomic radiation, disease, and population growth, considered in the light of scientific reasoning and underlying biological generalizations. *This course is intended for students who do not plan a career in the sciences. Three class periods and one three-hour laboratory period a week.*

116. Human Biology

(3)

Human inheritance, development, anatomy and physiology studied in relation to underlying biological principles. Students completing this course may be given permission to take other courses in biology at the discretion of the department. *Prerequisite, Biology 111 or 113. Two class periods and one three-hour laboratory period a week.*

203. Genetics

(3)

A study of the basic facts and laws of inheritance and their derivation from experiments with *Drosophila*, corn, and micro-organisms. Consideration is given to heredity in man and to the relationship of genetics and evolution.

204. General Botany

(4)

A study of plant life from an evolutionary point of view, emphasizing both the physiology and anatomy of plants. Considerable time is devoted in the spring to field study. *Three class periods and one three-hour laboratory or field period a week.*

205. Invertebrate Zoology

(4)

Structural and functional adaptations of invertebrate animals studied in relation to their habitats and evolution. *Three class periods and one three-hour laboratory period a week.*

206. Ecology

(3)

A synthesis of ecological principles combining both the functional and the descriptive and involving the interrelationships of plants, animals, and micro-organisms. The ecosystem approach is stressed in order to understand the dynamic relationship that exists between man and his natural environment. *This course is open only to students who have taken or are currently enrolled in Biology 204. Three class periods a week and field trips.*

211. Human Physiology

(4)

A study of the functions of the human organism: digestion, circulation, respiration, excretion, nervous control, endocrine regulation, and muscle action. *Prerequisites, Biology 111, Chemistry 105, 106. Three class periods and one three-hour laboratory period a week.*

302. Man and His Environment

See Interdisciplinary Studies 302.

307. Cell Biology of Micro-Organisms

(4)

A study of structure, metabolism, growth, and reproduction of cells with emphasis on micro-organisms. *Prerequisites, Biology 203, Chemistry 103, 104. Three class periods and two two-hour laboratory periods a week.*

313. Experimental Biochemistry

(4)

Theory and techniques used for extraction, quantitative analyses, and separation of biomolecules. Studies involving methods such as column chromatography, enzyme assay, spectrophotometry, and electrophoresis are undertaken. Emphasis is placed on developing knowledge and skill necessary to apply these techniques to independent research. Elements of experimental design and related statistical procedures are also presented. *Prerequisite, Chemistry 103, 104; Chemistry 312 is a desirable preliminary course. Two class periods and two three-hour laboratory periods a week.*

314. Cytology

A study of the morphological and chemical organization of cells and tissues. Particular attention is given to the relationship of structure and function in the various cell organelles at the microscopic and sub-microscopic levels. *Prerequisite, Biology 203. Two class periods and one three-hour laboratory period a week.*

316. Animal Physiology

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. Prerequisites, Biology 111, 112, Chemistry 103, 104; some knowledge of organic chemistry is recommended. Three class periods and one three-hour laboratory period a week.*

318. Perspectives in Biology

A study of some of the great experiments which have influenced the development of biology. Emphasis is upon the critical reading and analysis of scientific papers. *Not offered in 1974-1975.*

321. Evolution

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 203 and at least twelve additional semester hours of biology above the freshman level. Field trips will be arranged.*

323. Vertebrate Embryology

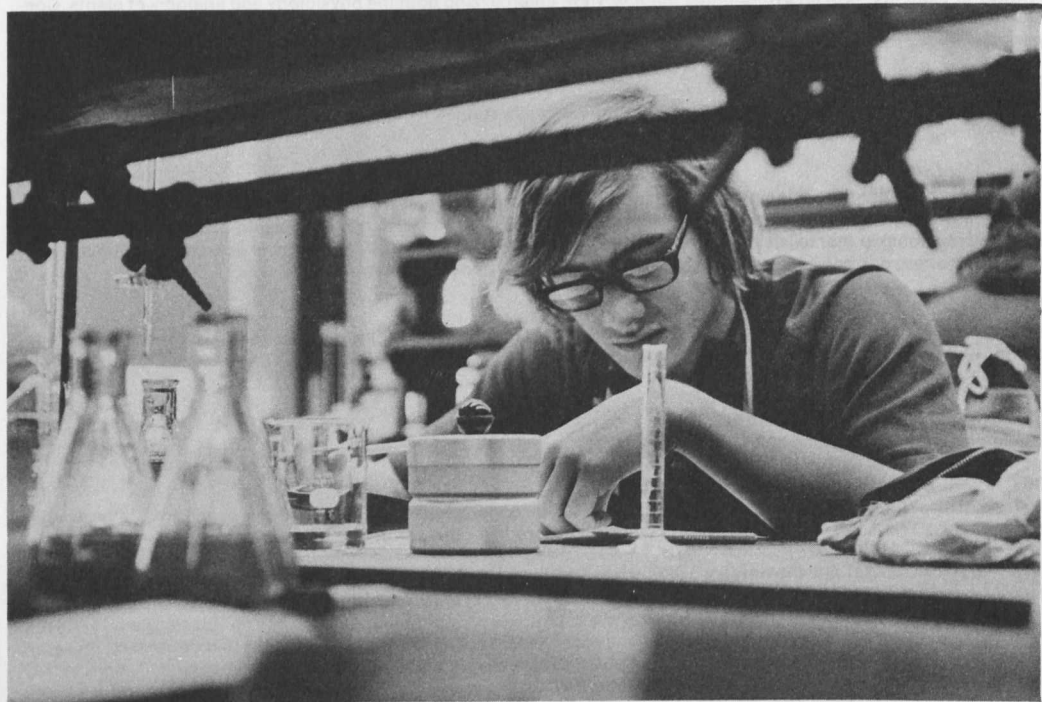
A study of comparative vertebrate development as seen in frog, chick, and pig. *Two class periods and two three-hour laboratory periods a week. Prerequisite, Biology 112.*

324. Comparative Anatomy of Vertebrates

A systematic study of the gross anatomy of type specimens from the fishes, amphibia, reptiles, birds, and mammals. *Prerequisite, Biology 323, or special permission of the instructor. Two class periods and two three-hour laboratory periods a week.*

351; 352; 451; 452. Special Studies in Biology

Directed individual study of various biological problems as the interest and previous preparation of the student may suggest; conducted primarily for honor students. Other qualified students may be admitted with the consent of the department.



BUSINESS ADMINISTRATION (12)

Professor McCormick; Assistant Professors Coffey and Seidel

No major is offered in this field.

206. Mathematics of Finance

(3)

A study of the mathematics of simple and compound interest, annuities, life insurance, capital budgeting and depreciation, stocks and bonds.

323. Corporation Finance

(3)

Not offered 1974-1975.

325. Managerial Accounting

(3)

Accounting principles from cases which describe real problems. Emphasis is on analysis of problems confronting business firms, using accounting information and concepts in decision-making. *Prerequisite, Economics 201, 202.*

CHEMISTRY (15)

Professor Cross; Associate Professors Herlocker and Donald Jones; Assistant Professor Richard Smith

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, the student 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.

*103, 104. General Chemistry

(4,4)

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 equilibrium. *Prerequisite, Mathematics 109 or its high school equivalent (this course may be taken concurrently). Three class periods and one four-hour laboratory period a week.*

105, 106. General Chemistry

(4,4)

An elementary study of physical and chemical reactions including organic and biochemical reactions. Qualitative analysis in an abbreviated form is covered during the second semester. *This is a one-year terminal course for non-science majors. Prerequisite, two units of high school algebra or the equivalent. Three class periods and one four-hour laboratory period a week.*

*217, 218. Organic Chemistry

(4,4)

A systematic study of the compounds of carbon based upon functional group reactivity with emphasis on the physico-chemical approach to reaction mechanisms. A coordinated laboratory incorporates classical techniques (recrystallization, distillation, and extraction) as well as an introduction of selected analytical methods (chromatography and spectroscopy). Some qualitative analysis of representative organic compounds is included in the second semester. *Prerequisite, Chemistry 104. Three class periods and one four-hour laboratory period a week.*

220. Quantitative Analysis

(4)

Theory of titrimetric and gravimetric procedures; problems of and in sampling; statistical treatment of results for reliability; application and use of elementary instruments such as spectrophotometers (U.V. and IR), chromatography, potentiometer (pH meters); some emphasis on separation problems. *Prerequisite, Chemistry 104. Three class periods and one four-hour laboratory period a week.*

307, 308. Physical Chemistry I, II

(4,4)

The laws of thermodynamics; equilibria; electrochemistry; chemical kinetics; introductory quantum and statistical mechanics. *Prerequisites, Chemistry 220, Physics 102, Mathematics 118 or the permission of the instructor. Three class periods and one four-hour laboratory period a week.*

312. Biochemistry

(3)

The chemistry and energetics of cellular processes; the application of thermodynamics to biochemical systems; kinetics of enzymatic reactions; metabolic processes involved in the production, storage, and utilization of energy. *Prerequisite, Chemistry 218.*

316. Advanced Organic Chemistry

(4)

A study of a variety of selected topics including photochemistry, molecular rearrangements, heterocyclic compounds and some aspects of physical organic chemistry. Laboratory work will involve mixture separations and identification through the use of spectroscopic methods. *Prerequisite, Chemistry 218. Three class periods and one four-hour laboratory period a week.*

352; 451; 452. Special Studies in Chemistry

(1 to 3)

Directed study of special topics as the interest and preparation of the student and the chemistry faculty may suggest. *This course is open primarily to students who are full chemistry majors.*

405. Instrumental Techniques

(4)

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 chromatography techniques, NMR, Mass Spect, x-ray, Laser usage, and laboratory computer applications. *Prerequisites*, Chemistry 218, 220, 307 (this course may be taken concurrently). Two class periods and two three-hour laboratory periods a week.

409. Physical Chemistry III

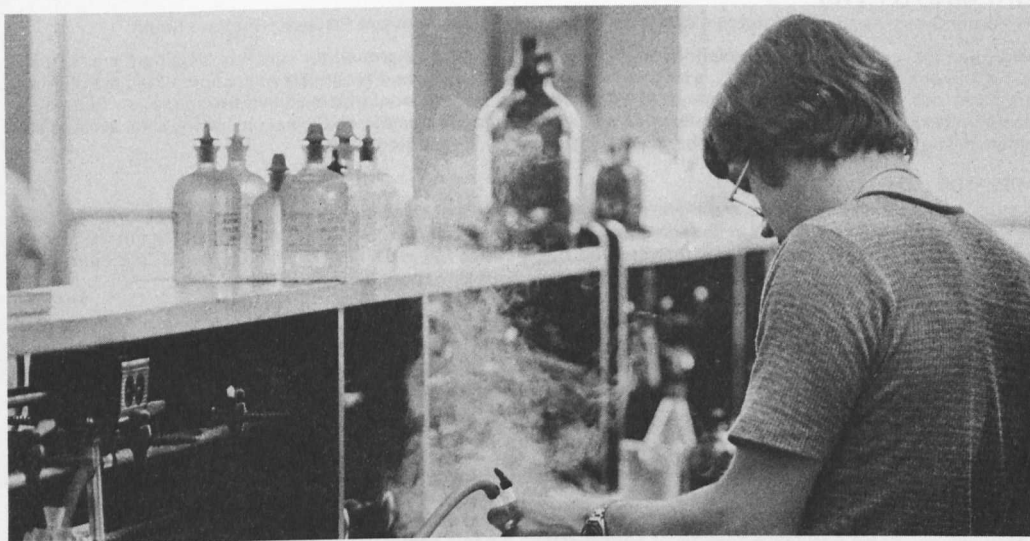
(4)

Quantum and statistical mechanics; advanced topics; application of the computer to chemical systems. *Prerequisite*, Chemistry 308. Three class periods and one four-hour laboratory period a week.

412. Inorganic Chemistry

(3)

A study of various metallic and non-metallic compounds, utilizing the principles of physical chemistry (including bonding theories, thermodynamics, and kinetics) to explain their structural and chemical behavior. *Prerequisites*, Chemistry 217, 218, 307. Juniors may be admitted by permission of the department.



COMPARATIVE LITERATURE (17)

Professors Palmer, Ridington, and Rivers; Mrs. Palmer

Students majoring in comparative literature may plan their programs for teaching, graduate study, or a general major. Though courses in this department are taught in English with the aid of reputable English translations, a student majoring in comparative literature will take foreign language courses in addition to basic language requirements.

Students may elect a major in classical civilization by selecting courses in art, history, Latin, comparative literature, and philosophy. Specific courses required for this interdisciplinary major are listed in the Guidance Bulletin.

* 101. Greek and Roman Literature

(3)

A survey of major works and writers of Greek and Roman literature, exclusive of drama.

* 102. Continental Literature I

(3)

Characteristic selections from representative European authors from the Medieval period through the Enlightenment.

104. Classical Mythology

(3)

A study designed to develop a thorough knowledge of classical mythology and its influence and use in our civilization. Attention is given to the use of mythology in English literature, in contemporary papers and periodicals, in art, and in other phases of our culture.

202; 212; 222. (Non-Western Literature)

(3;3;3)

A study of the literature of a particular non-western theme, type, or country. In 1974-1975, the topic will be Classical Indian Literature.

205. Continental Literature II

(3)

Characteristic selections from representative European authors from the Romantic Age to the present.

206; 216; 226. (World Literature, Special Areas)

(3;3;3)

The study of a particular theme, type, period, or national literature. The subject varies from year to year. In 1974-1975, the topic will be Archetypes of Spanish Literature.

223. Greek Drama

(3)

Readings largely from drama and literary criticism designed to provide a broad acquaintance with these types of Greek literature and to clarify their position as a background of English literature.

351; 352; 451; 452. Special Studies in Comparative Literature

(1 to 3)

An opportunity for students to arrange programs of study that are not included in the regular course offerings in comparative literature.

COMPUTER SCIENCE (19)

Mr. Vogel, Mrs. Martin

Computer Science course offerings are designed to give students an understanding of the computer as a research tool in all disciplines. The equipment currently available is an IBM System/370 Model 115. This system supports both academic and administrative data processing functions in a real time environment.

There are remote terminals for student use located throughout the campus. These provide the students with the facility to submit problems directly to the computer for instantaneous processing.

No major is offered in this field.

101; 101R. Introduction to Use of the Digital Computer

(3)

An introduction to computer science stressing computer logic and the use of problem-oriented languages; practice in solving elementary problems on the computer using the programming languages BASIC and FORTRAN IV. *Two class periods and one three-hour laboratory period a week.*

207; 207R. Theoretical Concepts of Computer Science

(3)

A study of the fundamental techniques of computer science, such as logic, algorithms, and flowcharting, as they relate to problem solving; advanced topics, such as data structures, search techniques, theory of programming languages, and the impact of computers on society. Advanced features of the programming language BASIC are used to solve problems in a variety of computer applications.

251; 252. Special Projects in Computer Science

(1 to 3)

Independent study designed to provide further insight into the many facets of computer science; extensive reading assignments, preparation of written and oral reports; the programming and documentation of significant computer projects. *Prerequisite, Computer Science 101 or permission of the instructor.*

DRAMATIC ART (21)

Associate Professor Tribby; Assistant Professors Dixon and Weinfeld; Mr. Van Hart, Mr. Wittwer

Students majoring in dramatic art may prepare to continue graduate and professional work in the field. With the addition of the required education courses, they may, upon graduation, qualify to teach drama in high school. A student may elect a major in dramatic art or may combine work in this department with work in the English department for a Theatre-English major.

103; 103R. Speech Arts

(3)

An introductory course designed to prepare the college student, as a future member of his profession and community, to meet a variety of public oral communication situations. The student concentrates on the practical application of basic principles and techniques of public speaking, oral interpretation, discussion and debate. *This course may not be counted toward a major in dramatic art.*

***113, 114. Beginning Acting and Interpretation**

(3,3)

A course designed to develop in each student the basic emotional, psychological, and intellectual foundation for analyzing and developing effective characterizations in the theatre. Emphasis is placed on relaxation exercises, theatre games, improvisation, play and character analysis oriented toward physicalization, pantomime, and, in the second semester, laboratory scene work. *Each student receives individual instruction and criticism.*

***119; 119R. The Drama**

(3)

An introduction to its analysis and appreciation; detailed examination of a few plays from various ages and types of the drama, with emphasis on the appreciation of the live theatrical performance; basic training in the analysis of dramatic structure, characterization, setting, mood, and directing.

122. Dance Theory and Composition

See Physical Education 122.

207. Intermediate Acting**(3)**

Characterization and advanced improvisation based on the fundamental principles of acting; laboratory presentation of scenes from modern and classic plays to give the student experience in a variety of roles; fundamental principles of theatrical make-up; intensive study of the form and structure of plays.

208. Voice and Diction**(3)**

A practical course focusing primarily on the improvement of the individual student actor's control over his voice and diction. Particular attention is paid to phonetics, effective development and utilization of the controllable elements of voice, proper breathing and breath control, posture, and the physical elements of voice and speech.

*** 209, 210. Technical Production****(3,3)**

A course designed to provide a basic knowledge of the construction of stage scenery, the theory and practice of stage design, the major styles of scenic design, the construction of models and technical drawings, the study of costuming, lighting, and stage management. *Three class periods a week and laboratory participation.*

214. Introduction to the Film**(3)**

A study of film history, aesthetics, and techniques of analysis. The basic theories of film-making will be illustrated by specific films, including the best films of important directors ranging from D. W. Griffith to Antonioni.

253; 254. Reading List**(1;1)**

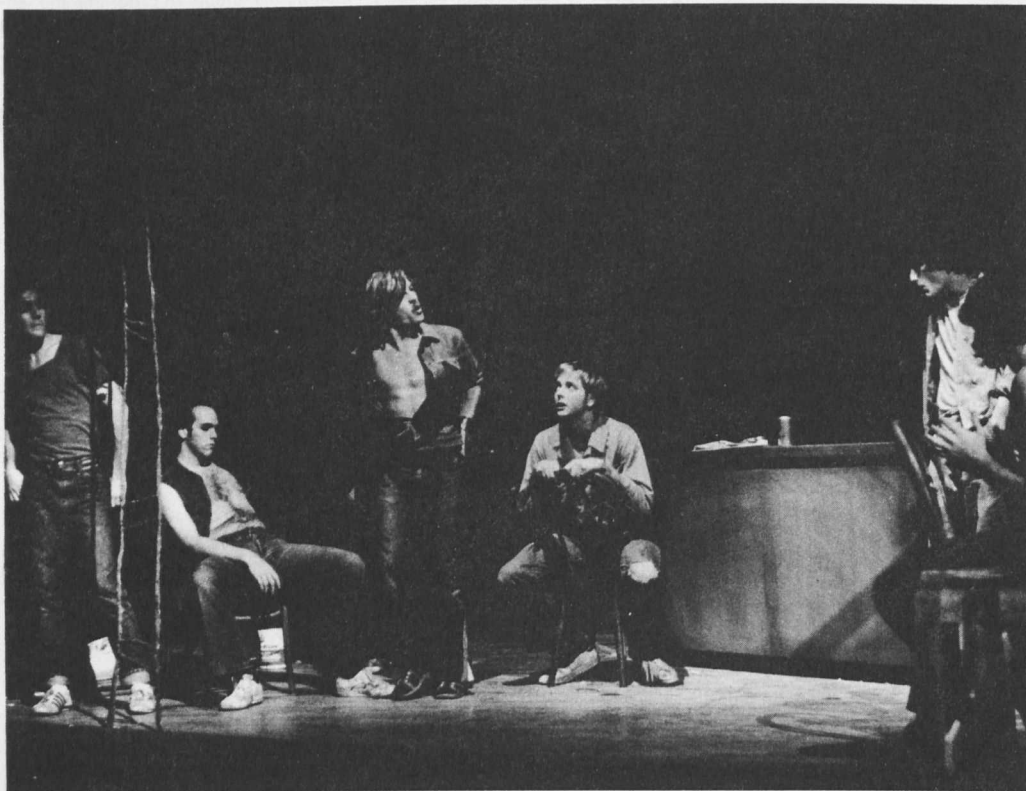
Several groups of readings, each containing significant literature and criticism. *The reading is done as independent study and tested by examination.*

311. Advanced Acting**(3)**

The examination, in a laboratory approach, of difficult acting problems; emphasis on an ensemble of actors working as a cohesive group of craftsmen; the study of style in the acting of period plays; control of the voice in acting, including a special study in verse-speaking of Shakespearean plays.

312. Acting Laboratory**(3)**

A course designed to offer the opportunity to become familiar with new techniques of actor training through experimentation and specific character problems. *Not offered in 1974-1975.*



319, 320. Directing (3,3)
Principles of staging the play together with the execution of projects designed to provide a range of experience in approaching the particular problems of the director; a study of the historical development of directing, concentrating on the theories of major directors from mid-nineteenth century to the present; the role of the director in educational theatre. *Two class periods a week and individual assignments.*

323; 324. (Masters and Trends in Theatre) (3; 3)
A study of major figures and movements in dramatic literature, theory, criticism, and the physical theatre. A different subject is offered each year. In 1974-1975, the subject will be Design for the Theatre — theory and practice of theatrical scenic and lighting design through experiment, specific problems, and production projects.

325. World Theatre to 1850 (3)
A study of the dramatic literature and theatres of the West and East, from primitive man to the advent of realism, with reading of plays not originally in English.

326. Contemporary Theatre (3)
An analysis of the major dramatic works, movements, and theatres since Ibsen, with primary emphasis on the reading of works by European playwrights. Certain representative plays from other cultures are also studied.

351; 352; 451; 452. Special Studies in Dramatic Art (1 to 3)
Concentrated study in an area of interest to the individual student and of significance to the discipline. Projects are chosen and developed in consultation with a member of the department.

ECONOMICS (24)

Professors Price and McCormick; Associate Professor Law; Assistant Professors Coffey and Seidel

Students major in economics in order to prepare for careers in business and finance; for careers in government such as economic analysis, administration, and foreign services; and, by completing graduate study in a university, for professional careers in law and economics. A student may also prepare to teach social studies in public schools. *Economics 201, 202 is prerequisite to all economics courses numbered 303 and above.*

***201, 202. Principles and Problems of Economics** (3,3)
In the first semester, the study of the economic organization of society; family income and expenditure; factors affecting national income and employment; prosperity and recession; monetary and fiscal policies of government. The second semester includes the study of the free pricing system; problems of agriculture; monopoly; distribution in the form of wages, rent, interest, and profit; international trade; the development of underdeveloped areas of the world.

302. Man and His Environment
See Interdisciplinary Studies 302.

303. Microeconomic Theory (3)
The theory of demand, production and cost, and resource allocation in a market economy; the varieties of competitive conditions such as pure and perfect competition; monopoly, monopolistic competition, and oligopoly; the theory of factor pricing and income distribution in a free society.

304. International Economics (3)
Principles of international trade, exchange, and investment; problems of trade restriction, cartels, the European Common Market, underdeveloped areas of the world; commercial policies of countries of the world.

310. Money and Banking (3)
A study of the history of money, principles of banking, international monetary problems, and modern monetary theory and policies.

317. Economic History of the United States (3)
A study of the development of the economy from colonial origins to the industrial order of today; the growth of agriculture, manufacturing, transportation, labor, financial institutions, and commerce together with the evolution of public policy within the framework of theories of economic growth.

319. Public Finance (3)
Principles and problems of taxation; the theory, character, and trend of public expenditures; the sources of public revenue and public indebtedness — national, state, and local.

320. Macroeconomic Theory (3)
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 the analysis of business statistics and in national income forecasting are undertaken.

326. Economic Development**(3)**

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.

327. Industrial Organization and Public Policy**(3)**

Study of past and present structure of industry in the United States and its relationship to government; economically desirable goals of governmental policies relating to business; past and present governmental policy towards business and labor.

329. Urban Economics**(3)**

Economic reasons for the existence and location of cities, economic analysis of problems of urban areas, including urban renewal, urban transportation, and education, industry in urban areas, analysis of value of urban land, concept of externalities and the furnishing of urban services.

351; 451. Reading List**(1;1)**

Open only to students declaring economics as a major. Reading is completed during the summer and tested by examination.

405. The History of Economic Thought**(3)**

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 capitalism.

452. Senior Thesis**(1 to 3)**

Open only to economics majors. Honors students are normally expected to register for three semester hours.

453, 454. Economics Colloquium**(1,1)**

Readings and group discussion. Significant works in political economy are read and analyzed. *This course is open to all senior economics majors; junior economics majors may be admitted by special permission.*

EDUCATION (27)

Professors Bowlsbey and Vernon; Assistant Professors Beemer, Coley, Davis, Hargraves, Patrick, and Rabush

No major is offered in this field. The student in education majors in one of the subjects which he is preparing to teach and takes the education courses in his junior and senior years. He may meet certificate requirements in subjects other than the major. The following programs have been approved by the State of Maryland for secondary teacher certification: art, biology, chemistry, English, French, German, mathematics, music, physical education, physics, social studies, and Spanish. A reciprocity agreement provides certification in most other states; a list is available in the Education office.

201; 201R. Observation in the Public School**(1)**

Observation visits preceded by a workshop designed for development of paraprofessional skills. *Twenty hours of observation-participation in a regular classroom.*

301; 302. Foundations of Education**(2; 2)**

The historical, philosophical, sociological, and psychological divisions of education subdivided into competency-based mini-courses. Students must show proficiencies in each of these subdivisions. Micro-teaching, a fifth major division, will be used for teaching diagnostic procedures. *Prerequisite, Psychology 106.*

407; 407R. Principles of High School Teaching**(3)**

The principles involved in identification, selection, and implementation of the learning experiences in the secondary schools. *Eight periods a week, six weeks.*

409; 409R. Student Teaching**(6)**

Conferences, observation, and participation in the high schools of Maryland. *Prerequisites, Education 201, 301, 302. Extra tuition fee, \$150. Eight weeks.*

411; 411R. Guidance**(2)**

Principles and techniques of guidance by the homeroom and classroom teacher. *Six periods a week, six weeks.*

413. Educational Media**(2)**

A study of available equipment and materials to augment classroom instruction. Related theory applicable to effective use is included. *Six periods a week, six weeks.*

417. Curricular Principles and Practices**(2)**

A study of the bases of curricula with special emphasis upon procedures in curriculum development and use by classroom teachers. Particular attention is given to the development, implementation, and evaluation of educational objectives. *Six periods a week, six weeks.*

Courses in Special Methods of Teaching

Each candidate for the high school teacher's certificate is required to complete a course in special methods in his teaching subject. In these courses the candidate reviews the content of the teaching subject, constructs large-topic or unit assignments which can be taught effectively to high school pupils, and studies the methods and techniques of teaching the subject. Each course gives considerable attention to the organization of the subject treated and its place in the curriculum. *Six periods a week, six weeks.*

The courses listed below are taught by specialists in the various fields.

- | | |
|--|------------|
| 421. The Teaching of English | (2) |
| 425. The Teaching of Mathematics | (2) |
| 428. The Teaching of Science | (2) |
| 435. The Teaching of Art | (2) |
| 437. The Teaching of History and Social Science | (2) |
| 443. The Teaching of Modern Languages | (2) |
| 445. The Teaching of Dramatic Art | (2) |
| 447. The Teaching of Reading | (2) |

For courses in library science and in the teaching of music or physical education, and for additional courses creditable for teachers of these special subjects, refer to these departments under Courses of Instruction.

Undergraduate Courses in the Education of the Deaf

Western Maryland College and the Maryland School for the Deaf in Frederick, Maryland, have developed a program for training students to teach the deaf. This is the only such program in the State of Maryland. Nationally recognized, it is partially supported by a federal grant. Applications for stipends through this grant and for state scholarships in the education of the deaf are available in the Education Department.

While seventeen semester hours of work in this field is available at the undergraduate level, full certification in accordance with standards set by the Council on Education of the Deaf follows completion of the Master of Education program in this field; this program is also available at Western Maryland College.

131, 132. Manual Communication I, II **(1,1)**

A course designed to develop manual communication skills and provide opportunity for practice of these skills with deaf people.

330. Psychology of Deafness and Profound Hearing Loss

See Psychology 330.

430. Introduction to Language and Communication **(3)**

The study of language acquisition and development of language skills in hearing children. The effects of hearing loss on the development of communication skills in deaf children; this course provides the student with a basic understanding of linguistics, psycholinguistics, transformational grammar and speech development. The effects of hearing loss on the development and effectiveness of oral and written language will be discussed as well as other disorders of language development. The historical background of speech reading, assessment, and methods and techniques of visual communication training is included. *Three class periods a week and frequent observations.*

484. Speechreading **(3)**

Review of theory and methods used in teaching speechreading to the aurally impaired; study of research in speechreading and its relationship and application to teaching deaf children.

486. Hearing Tests and Auditory Training **(3)**

Introduction to auditory evaluation including pure tone, bone conduction, and speech audiometry; rationale for auditory training and consideration of individual and group amplification systems. *Observations and practicum are provided.*

ENGLISH (30)

Professors Richwine, Palmer, and Phillips; Associate Professors Panek and Stevens; Assistant Professor Lawler; Mrs. Palmer, Mrs. Panek, Mr. Sapora, and Mrs. Sapora

Study of our language and literature offers essential liberal arts education which students may use in many ways. Graduates with the English major are pursuing careers in journalism, business, social work, and government service. A number have entered theological seminaries and law schools. 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.

The first four courses taken from those required for the major are to be considered as introductory courses for a major in English.

101, 102. Composition and Reading**(3,3)**

A brief review of the principles of composition and mechanics of writing; training in reading; the study of significant literature; regular practice in writing. *Completion of 101 with a high level of proficiency satisfies the college requirement in composition.*

103. Composition and Reading**(3)**

A one-semester course including concentrated practice in writing and training in research techniques; the study of significant literature. *Completion of this course satisfies the college requirement in composition. Admission to the course is governed by the staff of the English Department.*

104. Introduction to Literature**(3)**

A study of important works by six to eight British and American authors. *This course does not count toward a major in English but does count toward basic requirements in literature for graduation.*

204. Grammar and Linguistics**(3)**

A review of conventional grammar and an introduction to the methods of linguistics; attention to the historical development of the English language.

211. American Literature to 1850**(3)**

Puritan and Colonial writers, Bryant, Cooper, Poe, Hawthorne, Emerson, Thoreau, and Melville.

213; 213R. American Literature, 1850-1914**(3)**

Melville, Whitman, Twain, James, the Realists, Crane, Dreiser, and the Naturalists.

214. American Literature since 1914**(3)**

The principal trends and authors.

217. Beowulf to Malory**(3)**

The literature of the Old and Middle English periods. Some attention is given to the changing language and to the cultural history.

218. Literature of the British Renaissance**(3)**

Readings in British writers beginning with Sir Thomas More and terminating with John Milton.

238; 239; 240. Problems in Composition**(1;1;1)**

A course designed for students who wish to practice creative writing and to develop advanced writing skills by working individually with an instructor-critic. *These are not remedial courses; admission requires the consent of the instructor. Conferences.*

251; 251R. Seminar in Criticism**(1)**

Critical points of view; close analysis of a few selected pieces of literature. *One two-hour period a week.*

253; 254. Reading List**(1;1)**

Several groups of readings, each containing significant literature and criticism. *The reading is done as independent study and tested by examination. At least two semester hours credit are required of English majors.*

304. Shakespeare**(3)**

Ten to twelve plays, three of them (one tragedy, one comedy, and one history) read intensively.



311. (Masters of Literature) (3)
Individualized study of major figures and themes. A different subject is selected each year. In 1974-1975, the subject will be British Literature in Transition, 1880-1920.

327. Restoration and Eighteenth Century British Literature (3)
A study of British classicism from John Dryden to Samuel Johnson.

328. British Nineteenth Century Writers (3)
The Romantic and Victorian periods and their outstanding authors.

332. Twentieth Century British Literature (3)
The principal trends and authors.

451; 452. Special Studies in English (1 to 3)
Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors in English. Qualified students who are not candidates for such honors but who desire to take the course are also admitted.

FRENCH (33)

See Modern Languages.

GENERAL SCIENCE (36)

Mr. Makosky

No major is offered in this field.

111, 112. Physical Science for Non-Scientists (3,3)
A study of the nature of solids, consisting of an integrated sequence of lectures and laboratory exercises drawn from chemistry and physics. *The course is open only to students not majoring in the sciences. Two class periods and one three-hour laboratory period a week.*

302. Earth Science (3)
A review of basic geological concepts followed by a presentation of recent advances selected from the areas of environmental studies, economic geology, historical geology, geophysics, geochemistry, meteorology and oceanography.

401. Speech Science and Audiology (3)
A basic course in hearing and speech science for teachers of hearing impaired children. In addition to anatomy, physiology and neurology of the speech, hearing and visual mechanisms, the course includes introductory studies in audiology covering production, transmission, and reception of speech sounds and other sounds and various procedures for testing hearing and interpretations of hearing test results. Consideration is given to individual and group amplification. *Observations and practicum are provided.*

GEOGRAPHY (38)

The courses in this department are offered in conjunction with the graduate evening program of the college. Admission to the courses requires the consent of the Education Department.

No major is offered in this field.

316. Geography: A Modern Synthesis (3)
A course emphasizing the links between an academic tradition and areas of public concern, with focus upon applied aspects of ecology, economic change, and social issues. Attention is given to systems, cycles, and trends as examples of modern geographic analysis.

327. Historical Geography of North America (3)
A consideration of past circumstances from the geographer's viewpoint to understand how the combination of nature and culture created the regional patterns in North America in earlier times.

GERMAN (42)

See Modern Languages.

HISTORY (48)

Associate Professor Darcy; Assistant Professors Evergates and Levering; Mr. Kent, Mrs. Ridington

Vocationally one may find the study of history useful as preparation for the ministry, teaching, law, work in a library, or a position in the Department of State. In a larger sense one may seek in history better understanding of the present. Still another may read history in order to identify himself with those who have shaped our political and cultural heritage.

Of the six courses marked with an asterisk, the first two taken are to be considered as introductory courses for a major in history.

- * 105, 106. Western Civilization** (3;3)
A general introduction to the heritage of the western world, tracing the history and culture from antiquity to the present day with special emphasis on the last five centuries.
- * 107. Formation of the American Republic** (3)
The social, political, economic, and intellectual development of the American nation from colonization through reconstruction.
- * 108. Development of Modern America** (3)
Survey of trends which have shaped the United States since 1865 including, among others, industrialization, urbanization, race relations, mobility, reform, and global conflicts.
- * 109; 110. (Introductory Seminar in History)** (3;3)
An introduction to historical methods and the interpretation of selected problems. In the first semester, 1974-1975, the topic will be The Concept of Liberty in Seventeenth Century England; in the second semester, The Impact of the Great Depression and the New Deal.
- 201. The Medieval World, 476-1453** (3)
Alternates with History 215. Not offered in 1974-1975.
- 202. European History, 1453-1789** (3)
Alternates with History 216. Not offered in 1974-1975.
- 211. Greek History** (3)
Not offered in 1974-1975.
- 212. Roman History** (3)
- 214. African History and Culture** (3)
History of Africa to 1900, with emphasis on the anthropological reconstruction of pre-colonial African societies.
- 215. European History, 1789-1870** (3)
The French revolution, Napoleonic Wars, and post-Napoleonic developments as background for the internal transformations and external expansion of Europe. *Alternates with History 201. Offered in 1974-1975.*
- 216. European History, 1870-1920** (3)
A study of Europe as it approached the crisis of 1914 through the age of "high imperialism"; an examination of the origins, course, and settlement of World War I in their world-wide context. *Alternates with History 202. Offered in 1974-1975.*
- 225. Colonial and Revolutionary America** (3)
A study in depth of the social and intellectual background of independence, the Articles of Confederation, and the framing of the Constitution.
- 226. Civil War and Reconstruction** (3)
Causes and consequences of the Civil War with emphasis on the experiences of blacks, white Southerners, and Northerners, and on the issues which prevented the achievement of national unity. *Not offered in 1974-1975.*
- 301; 302. (Topics in History)** (3;3)
Topics may vary from year to year. In the first semester, 1974-1975, the topic will be Medieval England — English history to 1485; in the second semester, Medieval France — French society and civilization to 1453.
- 305. American Foreign Policy** (3)
A history of American diplomacy with emphasis on the expansion of American territory and influence from 1898 to the present.
- 308. Modern England** (3)
A study of English history from Henry VII to the present.
- 314. Russian History since 1801** (3)
A survey of Russian history with special attention to the roots of revolution and the change from tsarism to communism.
- 317. Economic History of the United States**
See Economics 317.
- 322. Twentieth Century America** (3)
Intensive study of selected domestic issues in the history of the United States since 1900.

323. Twentieth Century Europe

(3)

Europe between wars, the rise of totalitarian governments, the United Nations, and the crises of the '40s and '50s. *Not offered in 1974-1975.*

351; 352; 451; 452. Special Studies in History

(1 to 3)

Special courses or independent projects. In the second semester, 1974-1975, a special three-semester hour course will be offered in Renaissance Italy, which will include a close study of selected aspects of Italian civilization from the thirteenth to the sixteenth centuries: urban institutions and society, the merchant-artisan worlds of commerce and industry, the classical revival and humanism, and folk traditions and witchcraft.

401. History Colloquium

(3)

A seminar in the development of historical techniques and perspectives. Under the guidance of a member of the department, each student writes a critical paper on the historiography of a selected topic. *Required of all majors.*



INTERDISCIPLINARY STUDIES (50)

Faculty members from the departments involved

Interdisciplinary courses have as their purpose the blending of two or more regular academic disciplines within the framework of one course.

The three-hundred and four-hundred level courses listed below are open to all juniors and seniors as an opportunity to integrate their previously acquired departmental foundations. The one-hundred and two-hundred level courses, on the other hand, are offered as alternate approaches to certain of the basic liberal arts subjects requirements. The satisfactory completion of Interdisciplinary Studies 101, 102 fulfills the college requirements in English composition and fine arts; satisfactory completion of 201, 202 fulfills three semester hours of the literature requirement and three semester hours of the social sciences requirement.

101, 102. Interdisciplinary Colloquium

(4,4)

An experimental approach to certain of those disciplines regarded by the College as basic requirements for graduation. In the first semester, 1974-1975, the subject will be the Creative Process — as analyzed in cultural anthropology, literature, the arts, physical education, certain of the sciences, theology. The second semester will focus on selected interdisciplinary communities, with special emphasis on the Bauhaus and Black Mountain experiments. Considerable training is provided in research techniques, writing, oral discussion, alternative ways of approaching learning, and community projects. *Prior to the fall registration, all freshmen are given the opportunity to apply for admission to the course; final selection is by personal interview and small group discussions during the fall orientation period.*

201, 202. Interdisciplinary Colloquium

(4,4)

An experimental approach to certain of those disciplines regarded by the College as basic requirements for graduation. In 1974-1975, the colloquium will be a comparative decade study; the first semester concentrates on the 1930's; the second semester, on the 1960's. Considerable training is provided in research techniques, writing, and oral discussion.

301R; 401R. Interdisciplinary Colloquium

(2)

An interdisciplinary discussion of some topic of particular interest and significance to the disciplines involved.

302. Man and His Environment

(3)

The biological, sociological, and economic crises of contemporary man; the result of his development of culture as an adaptive mechanism; the impact of increasing resource use, of growing populations, and of affluence on the structure and function of the ecosystem; policies for the preservation of the ecosystem. *Prerequisites, Biology 111 or 113; Economics 201, 202 (202 may be taken concurrently with permission).*

402. Behavioral and Social Science Colloquium

(1)

A discussion of various current problems of society and the world, with special emphasis on the need for multidisciplinary analysis.

LATIN (51)

Professor Ridington

No major is offered in this field.

101, 102. Elementary Latin

(3,3)

A beginner's course for college students who have had no Latin. This course covers the material usually offered in the first two units of high school Latin. Some attention is given to Roman life and literature as well as to the place of the Latin language as a background for English.

LIBRARY SCIENCE (54)

Associate Professor Bachmann; Miss Quinn, Mrs. Richwine

Certification in library science follows completion of a Master's degree program in this field. The undergraduate courses listed below are available as elective courses for students who are majoring in related fields or who wish to obtain further knowledge of and acquaintance with library procedures. The reference course is helpful for any students planning to enter graduate school.

No major is offered in this field.

121. Reference and Research

(3)

Effective library use and library research strategy; the evaluation and use of various types of reference materials.

318. Literature for Adolescents

(3)

A study of all types of literature and materials, and the general principles for their selection for secondary school media centers; the use of selection tools; the making of oral reports; lists and annotations.

321. Reference and Bibliography

(3)

Evaluation and use of various types of reference materials, print and non-print. *Offered in conjunction with the graduate course 27M:321G.*

MATHEMATICS (57)

Associate Professors Duren and Lightner; Assistant Professors Boner, Eshleman^a, and Rosenzweig; Visiting Assistant Professor Seymour

Students majoring in mathematics may plan their programs for graduate study, teaching, or a general major. The department expects majors to enter with some proficiency in analysis, algebra, and geometry. Most majors begin in the freshman year with the course in calculus.

*** 109. Introduction to College Mathematics**

(3)

A unified treatment of the basic ideas of algebra and trigonometry with particular emphasis upon the nature of mathematics as a logical system; initial study of sets, the real number system, and the properties of the field of real numbers; intensive study of circular, linear, quadratic, polynomial, exponential, and logarithmic functions, and concepts from analytic geometry.

*** 117. Calculus I**

(3)

A review of the line, conic sections, curves and curve sketching; study of functions and limits, the derivative, the integral, and applications of differentiation and integration. *Prerequisite, Mathematics 109 or placement by the department; proficiency in trigonometry is essential for this course.*

*** 118. Calculus II**

(3)

A study of the trigonometric, exponential, and logarithmic functions and their derivatives, methods of integration, definite integrals and their applications, parametric equations, polar coordinates, partial differentiation, multiple integrals, and infinite series. *Prerequisite, Mathematics 117 or placement by the department.*

^aOn leave, 1974-1975.

- 141. Mathematics for Elementary School Teachers** (3)
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.*
- 204. Differential Equations** (3)
A study of equations of order one and degree one, with applications; systems of equations; equations of order one and higher degree; linear equations with constant coefficients; series solutions; the LaPlace transform. *Prerequisite, Mathematics 118.*
- * 218. Linear Algebra** (3)
A study of the theory of finite-dimensional vector spaces, linear transformations, matrices, determinants, and inner products. *Prerequisite, Mathematics 117.*
- 220. Calculus of Several Variables** (3)
Euclidean n -space and functions from E^n to E^m ; differential calculus of functions of several variables and applications; integral calculus of functions of several variables; vector fields. *Prerequisites, Mathematics 118 and 218.*
- * 221. Fundamental Concepts of Algebra** (3)
An introduction to modern algebraic theory; emphasis on the nature of the structures of algebra, including groups, rings, fields, and vector spaces; selected topics from elementary number theory, polynomial theory, and matrix theory. *Prerequisite, Mathematics 218.*
- 230; 330; 430. (Topics in Mathematics)** (3; 3; 3)
A study of advanced topics in mathematics selected from theory of equations, applied mathematics, analysis, algebra, geometry, etc. A different topic will be chosen each year, based on students' interests and needs.
- 305. Introduction to Mathematical Analysis** (3)
A review of the theory of elementary calculus including a rigorous treatment of functions, limits (functions and sequences), uniform continuity, derivatives, and Riemann integration; topological properties of the real and complex numbers with an introduction to the topology of metric spaces. *Prerequisite, Mathematics 118.*
- 310. History of Mathematics** (3)
A study of the development of mathematics from primitive counting systems to modern mathematics, with particular emphasis on the seventeenth century.
- 312. Real Analysis** (3)
A rigorous study of the convergence of sequences and series of functions, and functions of several variables; introduction to measure and Lebesgue integration. *Prerequisite, Mathematics 305.*
- 316. Complex Analysis** (3)
An introductory course in the theory of functions of a complex variable. Properties of general holomorphic functions, classical theorems on integrals, Taylor and Laurent expansions, and applications. *Prerequisite, Mathematics 220 or Physics 211.*
- 322. Fundamental Concepts of Geometry** (3)
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.
- 323. Probability** (3)
A study of sample spaces, counting techniques, different types of events in a discrete or continuous setting, random variables and related moments, binomial, Poisson, normal, and other standard distributions. *Prerequisite, Mathematics 118.*
- 324. Mathematical Statistics** (3)
A study of multidimensional random variables, Chebychev inequality, Central Limit Theorem, sampling and statistical inference, descriptive statistics. *Prerequisite, Mathematics 323.*
- 353; 354; 453; 454. Special Studies in Mathematics** (1 to 3)
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 are admitted with the consent of the department.
- 406. Abstract Algebra** (3)
A rigorous presentation of the theory of groups, rings, and fields through a study of selected topics, with emphasis on the study of groups; homomorphisms and isomorphisms of groups and rings; isomorphism theorems; Sylow theorems; ideals; Galois theory. *Prerequisite, Mathematics 221.*

407. Introduction to Numerical Analysis

(3)

A study of classical as well as recently developed numerical methods, with emphasis on those adapted to the use of a computer, for the solution of linear and non-linear equations, numerical integration and differentiation, solution of ordinary differential equations, and eigenvalue problems. *Prerequisites, Mathematics 218, Computer Science 101 or 207.*

MILITARY SCIENCE (60)

Lt. Colonel Baughman; Majors Haynes and Magee; Captains Ingalls and Winterling

Since 1919 Western Maryland has had an ROTC unit. The unit is classified as "Branch General," which allows those who graduate with commissions as reserve officers to serve in a branch of the army appropriate to their special training. Though each year a number of graduates choose a career in the military service, the program allows the student to qualify for his academic objective and at the same time secure a commission as a reserve officer.

No major is offered in this field.

The basic course (first two years) is elective for all eligible students. The advanced course is offered to those juniors who have completed the basic course or received credit for the same through active service in the armed forces. Transfer students interested in the advanced course should contact the Professor of Military Science not later than June 1 prior to their transfer. Advanced course students must be selected by the Professor of Military Science and must enter into a contract with the Government stipulating that in return for remuneration paid them they will complete the course in college, attend a period of summer camp training as prescribed by the Secretary of Defense, and accept a commission in the U.S. Army Reserve if tendered.

105; 106. Military Science

(1;1)

Organization of the Army and ROTC; individual weapons and marksmanship; American military history. *One class period and one one-hour laboratory period a week.*

205; 206. Military Science

(1;1)

Map and aerial photograph reading; basic military tactics. *One class period and one one-hour laboratory period a week.*

305, 306. Advanced Military Science

(1,2)

Leadership; military teaching principles; branches of the Army; small unit tactics and communications; practical application of the principles of leadership and management. *Two class periods and one one-hour laboratory period a week; one two-day training laboratory each semester.*

405, 406. Advanced Military Science

(2,1)

World change and military implications; command and staff organization; military law; company tactics; responsibilities of an officer; practical application of the principles of leadership and management. *Two class periods and one one-hour laboratory period a week; one two-day training laboratory each semester.*



MODERN LANGUAGES

Professor Rivers; Assistant Professors Buttner, Cipolla, Cobb, Derasse, Williams, and Zauche; Mrs. Buttner, Mrs. Derasse, Mrs. Long, Mrs. Poole, Dr. Zaldivar

The courses in the modern foreign languages are designed to make a vital contribution to general education in the liberal arts, to prepare students for teaching language in the public schools, and to prepare them for graduate work.

Several opportunities to enrich and expand the academic program are available to both majors and non-majors: January Term, on campus and/or abroad; summer program abroad; junior year abroad; laboratory facilities; modern language houses, which offer the French, German, and Spanish students on-campus living facilities under the guidance of a native speaker.

To receive college sponsorship for extended study abroad, the student should have an overall index as good as the college average and respectable grades in departmental courses; exceptions must be approved by the Standards Committee.

A student may elect a major in French (33), German (42), or Spanish (93); no major is offered in Russian (87). The courses offered in Russian are usually limited to 107, 108, 109, 110.

Basic Language Courses

French (33); German (42); Russian (87); Spanish (93)

*107, 108. **Elementary Course** (3,2)
Fundamentals of grammar and pronunciation; basic vocabulary; reading, speaking, and writing practice.

*109, 110. **Intermediate Course** (3,3)
Review and expansion of grammar; oral and written practice in language; cultural aspects of the country. *Prerequisite, 108 or the equivalent.*

117. **Introduction to Composition** (3)
An intensive study of sentence structure and its application in controlled and free composition. *Prerequisite, 110 or the equivalent. Required of majors.*

118. **Conversation** (3)
Practice in the spoken language; training in the common idiom of the language; emphasis on cultural as well as contemporary topics. *Prerequisite, 109; may be taken concurrently with 110.*

*151. **Introduction to Literature** (3)
A general survey of literature from its beginning to the present, with selected readings. *Prerequisite, 110 or the equivalent. Required of majors.*

*152. **Methods of Literary Analysis** (3)
Training in the methods of analysis as applied to various literary genres. *Prerequisite, 151 or permission of the instructor.*

Advanced Language Courses

Courses on the two-hundred level are offered in alternate years; those on the three-hundred level are offered every third year. The courses to be offered during the current year are so indicated.

French (33)

215. **Literature of the Renaissance** (3)
Representative authors of the sixteenth century. *Offered in 1974-1975.*

216. **Art Movements of the Twentieth Century** (3)
The major artistic outburst in France from the beginning of the century: cubism, dadaism, surrealism. "Nouvelle critique" new novel, the theater of the absurd.

217. **French Phonetics and Diction** (3)
Sounds and rhythmic groups; practical exercises of pronunciation based on phonetics; laboratory drills, recordings, oral readings, and recitations of literary texts.

218. **Advanced Composition** (3)
An intensive study of the more complex aspects of discourse and style. *Prerequisite, French 117. Offered in 1974-1975.*

315. **The Middle Ages** (3)
A study of five centuries of literature, with excerpts from the Song of Roland and other epics, poems of courtly love, the "chroniqueurs," the didactic literature, the various dramatic genres from the religious theater to the farce, the Roman de Renard and lyric poetry.

- 316. Seventeenth Century Drama** (3)
The main dramatic currents of the seventeenth century and their consequences on French literature.
- 317. French Romanticism** (3)
A study of the Romantic movement in France through an analysis of poetry, drama, and the novel, with emphasis on the development of the Romantic sensibility. *Offered in 1974-1975.*
- 318. Nine Decades of the Eighteenth Century** (3)
The main authors of the eighteenth century, emphasizing the role of French literature in the Revolution of 1789. *Offered in 1974-1975.*
- 319. Seventeenth Century Modes of Thought** (3)
Evolution of seventeenth century French thought, studied through poetry and prose.
- 320. French Realism, Naturalism, and Symbolism** (3)
The theory and practice of realism and naturalism in the novel, and of symbolism in poetry.
- 453, 454. Independent Study** (1 to 3)
Independent study in an area selected to meet the student's interest or need as determined by his background and the mutual agreement of student and instructor. *Admission to the course requires the permission of the department.*

German (42)

- 215. German Lyric Poetry** (3)
An analytic study of representative lyrics in each literary period. The course begins with the Minnesanger and terminates with contemporary poets.
- 216. Goethe and Schiller** (3)
A critical look at the contributions of these two literary masters to the Sturm-und-Drang, Classical, and Romantic movements in Germany. *Offered in 1974-1975.*
- 217. The Novelle of the Nineteenth Century** (3)
An analytic study of representative Novellen studied in relationship to literary periods of the nineteenth century. Emphasis is placed upon the Novelle as an art form.
- 218. Advanced Composition** (3)
An intensive study of the more complex aspects of discourse and style. *Prerequisite, German 117.*
- 315; 316. German Civilization** (3;3)
A critical study of the development of major political and social institutions as well as historical and artistic trends in the development of German culture from the age of Charlemagne to the present day.
- 317. Middle High German Masterpieces** (3)
An in-depth study of three medieval German masterpieces: Das Nibelungenlied, Perzival, and Tristan und Isolde. *Offered in 1974-1975.*
- 318. Reformation, Renaissance, Humanism** (3)
A study of the ideas and events of the first half of the sixteenth century in Germany; emphasis upon the works of Luther, Durer, and Erasmus. *Offered in 1974-1975.*
- 319. Heinrich Heine** (3)
A study of Heine and his time, with emphasis on his major poems and prose.
- 320. Mann, Kafka, Hesse** (3)
Selected prose works of three prominent twentieth century German writers.
- 453; 454. Independent Study** (1 to 3)
Independent study in an area selected to meet the student's interest or need as determined by his background and the mutual agreement of student and instructor. *Admission to the course requires the permission of the department.*

Spanish (93)

- 215. Introduction to Spanish-American Culture** (3)
Historical and contemporary culture of the Spanish-speaking countries of Latin America. *This course is offered in English.*
- 216. Introduction to Spanish-American Literature** (3)
A general view of Spanish-American literature from its beginning to the present through characteristic selections.

- 217. Introduction to Spanish Culture** (3)
Historical and contemporary culture of peninsular Spain. *Offered in 1974-1975.*
- 218. Advanced Composition** (3)
An intensive study of the more complex aspects of discourse and style. *Prerequisite, Spanish 117. Offered in 1974-1975.*
- 315. Spanish Literature of the Nineteenth Century** (3)
Selected works from the novel, drama, and poetry of the period. Critical works are examined with reference to romanticism, realism, and regionalism; supplementary readings and reports.
- 316. Spanish Literature of the Twentieth Century** (3)
A study of philosophical writings, the novel, poetry, and drama with emphasis on the generations of 1898 and 1927; supplementary readings and reports. *Offered in 1974-1975.*
- 317. Spanish Literature of the Middle Ages** (3)
Selected works from the poetry, prose, and dramatic genres; supplementary readings and reports.
- 318. Spanish-American Literature of the Twentieth Century** (3)
Selected works from poetry, essays, short stories, and novels.
- 319. Spanish Poetry and Theater of the Golden Age.** (3)
The most important poetry from the Renaissance to the Baroque; selected works of Spanish drama from Lope de Vega to Calderon de la Barca; supplementary readings and reports. *Offered in 1974-1975.*
- 320. Lazarillo de Tormes and Don Quijote de la Mancha** (3)
The Picaresque novel as exemplified by the Lazarillo; Cervantes' masterpiece, Don Quijote; supplementary readings and reports.
- 453; 454. Independent Study** (1 to 3)
Independent study in an area to meet the student's interest or need as determined by his background and the mutual agreement of student and instructor. *Admission to the course requires the permission of the department.*

MUSIC (63)

Professors Cole and Heggemeier; Associate Professor Spangler; Assistant Professors Dietrich and Hering; Mr. Bill, Mrs. Brunner, Mrs. Hitchcock, Dr. Ostrynec, Mr. Robinson.

Students specializing in music may prepare for graduate study, for public school or private teaching, or for work in the allied fields of radio, television, or library. The basic preparation for a career in music of the church may also develop from a major in music.

A student may elect a major in one of the following divisions of the department of music; applied music, music history and literature, or music education (either vocal or instrumental).

Students beginning a major in music should be able to play piano accompaniments of moderate difficulty.



Theoretical Courses

*** 107, 108. Music Theory**

(3,3)

Basic knowledge of musical materials; written and keyboard harmony through the dominant seventh chord; sight-singing, melodic and harmonic dictation. *Prerequisite, satisfying the requirements for taking piano for credit. Four periods a week.*

*** 201, 202. Music Theory**

(3,3)

The continuation of Music 107, 108 through altered chords; advanced sight-singing; harmonic, two- and three-part melodic dictation; original compositions utilizing these materials. *Four periods a week.*

301. Counterpoint

(3)

The study of the combination of melodic lines in the Renaissance style; analysis, performance, and composition in two-, three-, and four-part forms in this style.

302. Form and Analysis

(3)

The study of harmonic and contrapuntal forms with analysis of representative compositions.

351; 352; 451; 452. Special Studies in Music

(1 to 3)

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors in music. Qualified students who are not candidates for such honors but who desire to take the course are also admitted.

Applied Music

A minimum of sixteen semester hours is required for a major in piano, voice, organ, violin, or other instrument.

Instruction in applied music is given in half-period private lessons. An extra tuition charge of \$80.00 per semester is made for one period of private instruction a week, \$45.00 per semester for one half-period of private instruction a week. Music majors are normally expected to take one period of private instruction a week.

Admission to these courses and the amount of credit which may be earned each semester will be determined by the department of music. Credits may be distributed in any division of applied music as follows:

First and second years, one or two semester hours each semester;

Third and fourth years, one to three semester hours each semester.

A student is expected to practice at least one hour a day for each semester hour of credit.

In order to rank as a senior majoring in a division of applied music, the student must have completed at least ten semester hours in that division by the end of the junior year. A public recital must be given in the senior year.

Piano

Students are accepted in all stages of proficiency, but in order to receive credit toward the degree, they must be sufficiently advanced to study Bach dance movements or two-part inventions and sonatinas or sonatas by Haydn, Mozart or Beethoven.

Students majoring in piano are required to study, in the junior and senior years, such compositions as the Bach Well-Tempered Clavier and sonatas and pieces of corresponding grade by composers of the preclassic, classic, romantic, and modern schools.

Sixteen semester hours credit in piano are required for a piano major.

Voice

Students are accepted in all stages of proficiency, but in order to receive credit toward the degree they should be sufficiently advanced to read music of moderate difficulty.

Advanced interpretation of song literature in the fields of art song, oratorio, and opera is required in the senior year of students majoring in voice.

Sixteen semester hours credit in voice are required for a voice major. Students majoring in voice are required to take six semester hours of piano.

Organ

Ability to play piano music of moderate difficulty is required of students who wish to receive instruction in organ.

Students majoring in organ are required to study, in the junior and senior years, important works of Bach, Franck, Mendelssohn, and modern composers.

Sixteen semester hours credit in organ are required for an organ major.

Violin

Students are accepted in all stages of proficiency, but in order to receive credit toward the degree, they must be sufficiently advanced to study Progressive Violin Studies, Volume 1, by Gruenberg, and sonatas and sonatinas by Haydn, Schubert, and Mozart.

Students majoring in violin are required to study, in the junior and senior years, such compositions as sonatas by

Beethoven and a concerto, sonatas, and pieces of corresponding grade by composers of the preclassic, classic, romantic, and modern schools.

Sixteen semester hours credit in violin are required for a violin major. Students majoring in violin are required to take six semester hours of piano.

Other Instruments

Students are accepted in all stages of proficiency for the study of other string instruments, woodwinds, and brass instruments as determined by the teaching staff.

Students majoring in these instruments are required to study advanced literature for the various instruments in the junior and senior years.

Sixteen semester hours credit in one instrument are required for a major.

Music History and Literature

109; 109R. Introduction to Music (3)

A study of music as an art through its elements: rhythms, melody, harmony, form, and timbre; a survey of the various musical styles. Increased listening perception in all types of music is the course goal. *The course is open to all students; no technical knowledge is required.*

213. Music of the Romantic Period (3)

A survey beginning with the compositions of Beethoven and progressing through the vocal, keyboard, chamber, and orchestral music of the nineteenth century, with emphasis on the aesthetic ideas which dominate and unify the period. *Prerequisite, Music 109, or permission of the instructor. Alternates with Music 215. Not offered in 1974-1975.*

214. (Masters in Music) (3)

A study of one major composer's life and representative compositions. *Prerequisite, Music 109, or permission of the instructor. Alternates with Music 216. Not offered in 1974-1975.*

215. Twentieth Century Music (3)

A study of the trends in music since 1900 with emphasis on the works of the most important composers and their followers. *Prerequisite, Music 109, or permission of the instructor. Alternates with Music 213. Offered in 1974-1975.*

216. Opera (3)

A survey of opera, from its beginnings to our own day, viewed against its historical, literary, and cultural background. *Prerequisite, Music 109, or permission of the instructor. Alternates with Music 214. Offered in 1974-1975.*

303, 304. History of Music (3,3)

Development of music from early civilizations to the present time; collateral readings; records and scores to illustrate the music of the different composers and periods. *Four periods a week.*

403. History and Literature of the Piano (2)

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 109, or permission of the instructor.*

Music Education

The courses listed under this heading constitute the courses in special methods of teaching music; they do not count toward a major in music but are used to satisfy teaching certificate requirements.

A minimum of sixteen semester hours credit in applied music is required for a music education major.

221, 222. Survey of Band and Orchestral Instruments (1,1)

The history, use, construction, literature, sound, and pedagogy of all band and orchestral instruments. *Required of Vocal Music Education Majors. Alternates with Music 233 and 234. Not offered in 1974-1975.*

233. Brass and Percussion Instruments (2)

Instruction in and methods of teaching brass and percussion instruments. *Required of Instrumental Music Education Majors. Alternates with Music 221. Offered in 1974-1975.*

234. String and Woodwind Instruments (2)

Instruction in and methods of teaching string and woodwind instruments. *Required of Instrumental Music Education Majors. Alternates with Music 222. Offered in 1974-1975.*

333, 334. Methods of Teaching Piano (1,1)

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. *Prerequisite, permission of the instructor. One class period and one period of supervised teaching a week.*

-
- 337, 338. Teaching Vocal Music in the Secondary Schools** (2,2)
A study of methods of teaching secondary school general music classes and vocal groups.
- 339, 340. Teaching Instrumental Music in the Secondary Schools** (2,2)
The methods of teaching various phases of instrumental music in the secondary schools.
- 409. Techniques of Instrumental and Choral Conducting** (2)
Score reading and conducting all types of music.
- 411. Advanced Teaching Vocal Music in the Secondary Schools** (1)
A continuation of Music 337, 338.

Musical Organizations

Membership in the college band, choir, glee club, orchestra, or college singers is not limited to students majoring in music. *Members of the band, choir, or orchestra may receive one semester hour of credit each semester. This credit may not be applied toward a major, and a maximum of eight semester hours credit thus gained may be applied toward the bachelor's degree.*

Recitals

During the course of the year, formal recitals are given by the music faculty, the students, and the musical organizations of the College. Informal recitals are given periodically. There are also opportunities to hear concerts by visiting artists and organizations. *Attendance at recitals is required for students majoring in music.*

NON-WESTERN STUDIES (66)

Professors David and Holthaus; Associate Professor Zepp; Assistant Professor Evergates
No major is offered in this field.

- 101; 102. Asian Civilization** (3;3)
A general introduction to Asian civilization. The first semester will focus on China, the second semester on India. Each semester 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.

- 108. Introduction to Non-Western Religions**
See Religion 108.

- 110. Asian Studies Seminar: The Old and the New in Contemporary Japan** (3)
The old and the new in philosophy, religion (including Soka Gakkai and Rissho Kosei Kai), literature, drama (Kabuki, No), industry and international affairs.

- 202. Non-Western Literature**
See Comparative Literature 202.

- 210R. Political Institutions of India**
See Political Science 210R.

- 214. African History and Culture**
See History 214.

- 221. Gandhi and Tagore: Their Impact on Twentieth Century India** (3)
The influence on modern India of the lives and thoughts of these two giants in politics and literature. Special attention will be given to Gandhi's understanding of non-violence and to the vast and varied literary output of Rabindranath Tagore. A significant by-product may be a deeper understanding of the Hindu world-view.

- 229. Non-Western Art**
See Art 229

- 310. Politics of Developing Areas**
See Political Science 310.

- 326. Economic Development**
See Economics 326.

- 327. East Asian Philosophy**
See Philosophy 327.

PHILOSOPHY AND RELIGION

Professors Holthaus and Crain^a; Associate Professors Hartman and Zepp

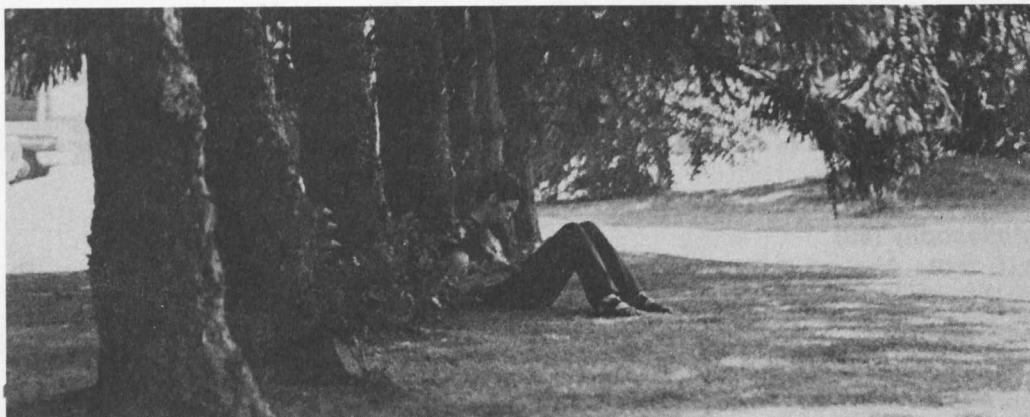
Students may plan their program for general liberal education, for graduate study, or for special objectives in religious work including the ministry, religious social work, foreign missionary service, and related fields.

A student may elect a major in philosophy, in religion, or in philosophy and religion. For the major in philosophy and religion, of the courses in the department marked with an asterisk, the first two courses taken are to be considered as introductory courses.

Philosophy (69)

- * **211; 211R. Problems of Philosophy** (3)
An introduction to the chief problems with which philosophy is concerned, and a study of some of these from the viewpoints of the leading modern schools of philosophical thought.
- * **213. History of Ancient and Medieval Philosophy** (3)
An introduction to philosophy through a study of the systems from the Pre-Socratics through the Nominalists; particular emphasis on Plato, Aristotle, and major figures of the Middle Ages.
- * **214. History of Modern Philosophy** (3)
An introduction to modern philosophy through a study of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant, whose systems comprise classical rationalism and empiricism.
- 221. Gandhi and Tagore**
See Non-Western Studies 221.
- 303. Logic and Reflective Thinking** (3)
The general principles of inductive and deductive logic, and the use of these principles in the solution of problems in such fields as science, philosophy, and religion.
- 304. Great American Thinkers** (3)
A study of the development of philosophy in the United States, with special attention to the lives and writings of selected leaders from Edwards to Dewey.
- 305. Ethics** (3)
A study of the leading types of ethical theory, the origins of morality, and the principles involved in moral action.
- 308. Philosophy of Religion** (3)
An exposition of the chief points of view in the philosophy of religion which compete for acceptance among western students, with analysis of some of the major issues upon which they differ. *Prerequisite, Philosophy 211 or the equivalent. Not offered in 1974-1975.*
- 311. Philosophy of the Nineteenth Century** (3)
A study of the century's Idealism (Fichte, Schelling, Hegel), the Left-wing Hegelisms (Feuerbach, Marx, Kierkegaard), Positivism (Comte), Evolutionism and Utilitarianism (Spencer, Mill), and the thought of Nietzsche. *Prerequisite, Philosophy 211, 213, or 214.*
- 312. Philosophy of the Twentieth Century** (3)
A study of contemporary schools, such as Naturalism (Dewey, Whitehead), Existentialism (Sartre, Heidegger, Jaspers), Positivism (Ayer, Schlick), Phenomenology (Husserl, Merleau-Ponty, Ricoeur), and Linguistic Analysis (Wittgenstein, Austin, Wisdom). *Prerequisite, Philosophy 211, 213, or 214. Not offered in 1974-1975.*
- 323. Social Philosophy** (3)
An evaluation of man's history, institutions, and social control.
- 325. Aesthetics** (3)
A survey of the chief distinctive points of view in the philosophy of art and problems presented by the arts. *Not offered in 1974-1975.*
- 327. East Asian Philosophy** (3)
A study of some of the Asian philosophies, including psychologies and systems of values. *Offered in 1974-1975 and in alternate years.*

^aOn sabbatical leave, second semester, 1974-1975.



Religion (84)

Of the six courses marked with an asterisk, the first two taken are to be considered as introductory courses for a major in religion.

An introductory course in religion (three semester hours) is prerequisite to all courses in religion numbered 300 or above.

- *107; 107R. Introduction to Western Religions (3)**
A general consideration of religious phenomena and interpretation, followed by treatment in greater detail of the two major western religions — Judaism and Christianity.

- *108. Introduction to Non-Western Religions (3)**
A study of the major non-western religions — Hinduism, Buddhism, Confucianism, Taoism, Shintoism, and Islam.

- *203. New Testament Literature (3)**
An introductory course treating the historical backgrounds and development of the Christian movement, the composition of its primary documents, with particular emphasis upon its religious ideas.

- *204. Old Testament Literature (3)**
An introductory course treating the historical backgrounds and development of Hebraic religion, the composition of its primary documents, with particular emphasis upon its religious ideas.

- *215. The History of Christian Thought: Early and Medieval (3)**
A survey of developments in Christian thought to about 1500 A.D., with particular emphasis upon St. Augustine and St. Thomas Aquinas. *Not offered in 1974-1975.*

- *216. The History of Christian Thought: Reformation to the Present (3)**
A survey of the main developments in Christian thought since 1500 A.D., with particular emphasis upon the Protestant reformers, the Counter-Reformation, the Evangelical Revival and Protestant Liberalism, and the Ecumenical movement.

221. Gandhi and Tagore
See Non-Western Studies 221.

- 301. Religion in America (3)**
A study of the social and intellectual contexts for the development of religion in American history, with an emphasis upon major movements and thinkers among Jews, Catholics, and Protestants.

- 312. The Life and Teachings of Jesus (3)**
A consideration of the sources for the life of Jesus; the world in which he lived; his religious and ethical teachings; his mission and its significance for Christian faith. *Not offered in 1974-1975.*

- 314. (Studies in the History of Christian Thought) (3)**
A study of one major interpreter or period of Christianity. In 1974-1975, the topic will be Theology of the 1960's — from the death of God to a dancing God.

- 315. Christian Ethics (3)**
A course which deals primarily with the Christian and the crises of life, both personal and social, and with such problems as guilt, vocation, marriage, war, death, suffering, etc. *Not offered in 1974-1975.*

317. (Studies in Contemporary Religious Thought)

(3)

A study of a man, movement, or problem in modern religious interpretation. In 1974-1975, the subject will be Marxist-Christian Dialogue.

321. Introduction to Christian Thought

(3)

A study of the Christian point of view concerning God, man, evil and suffering, the Incarnation and Atonement, the Church and sacraments, history, and the Kingdom of God. *Not offered in 1974-1975.*

351; 352; 451; 452. Special Studies in Philosophy and Religion

(1 to 3)

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 are admitted with the consent of the department.

PHYSICAL EDUCATION (72)

Professor Clower; Associate Professors Case and Ronald Jones; Assistant Professors Fritz, Fern Hitchcock, and Weyers; Mr. Carpenter, Mrs. Clower, Mrs. Galloway, Mrs. Lynn, Mr. Ober

Emphasis in this department is upon preparation of the student for teaching physical education in the secondary school and for graduate study in the areas of health education, physical education, recreation, rehabilitation, and physical therapy.

The College accepts no financial responsibility for injuries resulting from participation in physical education activities.

Activity

The basic college requirement is competence in three areas of activity — body movement activities, team activities, and life-time sports activities. This requirement may be satisfied by demonstration of competence or by completing courses chosen from the activity courses listed below. *Each course meets the equivalent of two periods a week.*

Most 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 in the beginning level of any activity in which proficiency has been demonstrated. A student may not receive credit twice for the same activity.



*** 101; 102. Physical Education Activity****(1;1)**

Instruction in a wide variety of individual and team activities and movement experience. *Two activities must be completed to receive credit for the course.*

- | | |
|----------------------------|-------------------------|
| 001. Body Mechanics | 002. Fencing |
| 003. Judo | 004. Beginning Swimming |
| 005. Wrestling | 006. Track and Field |
| 007. Synchronized Swimming | 008. Karate |
| 009. Rappeling | 012. Advanced Fencing |
| 031. Field Hockey | 032. Softball |
| 033. Football | 034. Rugby |
| 035. Soccer-Speedball | 036. Basketball |
| 037. Lacrosse | 038. Volleyball |
| 061. Archery | 062. Badminton |
| 063. Tennis | 064. Beginning Swimming |
| 065. Golf | 066. Skiing |
| 067. Riding | 068. Squash-Handball |
| 069. Rifle | 070. Bowling |
| 071. Advanced Archery | 072. Advanced Badminton |
| 073. Advanced Tennis | |
| 075. Advanced Golf | |

105. Gymnastics**(1)****107. Folk, Square, Social Dance****(1)****108. Modern Dance****(1)****114; 164. Intermediate Swimming****(1)****116; 166. Life Saving****(1)****117; 167. Water Safety****(1)****120. Modern Jazz Dance****(1)****121. Ballet****(1)****124. Tap Dance****(1)****169. Outdoor Activities****(1)**

Camping, casting, crafts, orienteering, skeet-shooting.

170. Recreational Activities**(1)**

Games of low organization.

Theory and Methods*** 113; 113R. Personal Health Education****(1)**

Consideration of factors for protecting and improving the health of the individual through the development of desirable health knowledge, attitudes, and practices.

122. Dance Theory and Composition**(2)**

A study of the history of dance from primitive to present times; theories of dance from the beginning of theatrical dance through the present; contemporary dance composition with emphasis on the development of the creative aspect of movement, and the relation of the rhythmical and musical bases of dance to the elements of art and drama in dance structure. *Prerequisite, Physical Education 108. Three periods a week.*

207. History and Principles of Physical Education**(3)**

The historical and philosophical development of physical education from early civilization to the present; examination of the purposes, scope, and interrelationships of physical education, health education, and recreation, and their application to the total educational program.

214. School and Community Health**(3)**

Principles and problems in maintenance and improvement of school and community health.

217. Adapted Physical Education**(2)**

Organization of adapted and modified programs for atypical and handicapped children. General and special correc-

tive movements, techniques of appraisal and correction of postural deviations and foot disabilities are considered. *Alternates with Physical Education 219. Offered in 1974-1975.*

219. Prevention and Care of Injuries (2)
Prevention and emergency care of injuries associated with activity. Conditioning exercises, support methods, and first aid care are studied. *Three periods a week. Alternates with Physical Education 217. Not offered in 1974-1975.*

222. Physiology of Exercise (3)
An examination of the basic physiological principles governing motor activity. Energy sources, methods of conditioning, ergogenic aids, diet, and other pertinent topics are considered. *Prerequisite, Biology 111 or 113 or the equivalent.*

224. Kinesiology (3)
The mechanical and anatomical principles underlying body movement. Movement analysis, flexibility, neuromuscular development, balance, and motor efficiency are examined.

241. Sports Coaching (Men) (3)
The theory of coaching, officiating, and administering interscholastic football and soccer programs; teaching of fundamentals and team play; philosophy and psychology of coaching. *Students are required to engage in extensive field work.*

242. Sports Coaching (Men) (3)
The theory of coaching, officiating, and administering interscholastic basketball, track, and lacrosse programs. *Students are required to engage in extensive field work.*

243. Sports Coaching (Women) (3)
The theory and practice of coaching and officiating in field hockey and basketball; analysis of techniques, rules, methods of instruction, drills, and team play. *Students are required to engage in extensive field work.*

244. Sports Coaching (Women) (3)
The theory and practice of coaching and officiating in volleyball, softball, and track; analysis of techniques, rules, methods of instruction, drills, and team play. *Students are required to engage in extensive field work.*

348. The Teaching of Physical Education (2)
Analysis of the physical education program in the secondary school; selection of activities, study of teaching methods and materials; program planning, time allotment, class organization, and evaluation. *Three periods a week.*

351; 352; 451; 452. Special Studies in Physical Education (1 to 3)
Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors in physical education. Qualified students who are not candidates for such honors but who desire to undertake special work in the department may also be admitted.

403. Organization and Administration of Physical Education (3)
The administration of physical education in high schools including the organization of class, intramural, and interscholastic programs. Program objectives, scheduling, equipment, facilities, policies, and other administrative procedures are stressed.

411. Measurement and Evaluation in Physical Education (3)
An examination of evaluation techniques in physical education. Principles of test construction and selection, methods of evaluating fitness, nutritional status, body mechanics, sports skills and knowledge, and social and motor development are considered.

PHYSICAL SCIENCE

See General Science

PHYSICS (75)

Professor Achor; Associate Professor Yedinak; Mr. Makosky

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. This emphasis enables the major to adapt to a variety of situations following graduation including, in addition to graduate study, work in such diverse areas as teaching, systems analysis, instrumentation, and engineering.

Physics 101, 102 is prerequisite to all other courses in physics.

*** 101, 102. General Physics** (4,4)
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. *Prerequisites, for the non-calculus section — high school algebra, geometry, and trigonometry.*

try; for the calculus section — Mathematics 117 or the equivalent. Three class periods and one three-hour laboratory period a week.

208. Electronics (4)
Circuit theory, semiconductor devices, amplifiers, operational amplifiers, pulse and digital circuits. *Prerequisite, Mathematics 117. Three class periods and one four-hour laboratory period a week. Offered in alternate years, not in 1974-1975.*

209. Optics and Waves (4)
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. *Prerequisite, Mathematics 118. Three class periods and one four-hour laboratory period a week. Not offered in 1974-1975.*

211. Mathematical Physics (3)
The applications of mathematics to physical systems. Topics studied are integration techniques, solutions to boundary value problems, advanced vector techniques, and some matrix theory. *Prerequisite, Mathematics 118.*

212. Intermediate Mechanics (4)
Newtonian mechanics applied to the motion of particles and systems, conservation laws, motion of rigid bodies, classical and special relativity. *Prerequisite, Physics 211. Three class periods and one four-hour laboratory period a week.*

311. Intermediate Electricity and Magnetism (4)
Electrostatics in free space and dielectric media, magnetostatics in free space and in magnetic media, electric and magnetic fields, scalar and vector potentials, electromagnetic induction. *Prerequisite, Physics 211. Three class periods and one four-hour laboratory period a week. Offered in alternate years, not in 1974-1975.*

312. Advanced Classical Physics (3)
Advanced topics in mechanics, and in electricity and magnetism. Lagrangean and Hamiltonian formulations of mechanics, Maxwell's equations, electromagnetic waves. Other topics chosen to meet the needs of the students enrolled. *Prerequisites, Physics 212, 311. Offered in alternate years, not in 1974-1975.*

315, 316. Structure of Matter (4,3)
Study of basic particles and the material structures formed by them. The first semester deals with quantization, elementary quantum mechanics, atomic physics, and molecular physics. The second semester deals with statistical mechanics, solids, nuclei, and elementary particles. *Prerequisite, Physics 211. Three class periods and one four-hour laboratory period a week, first semester; three class periods a week, second semester. Offered in 1974-1975, and in alternate years.*

341; 342; 441; 442. Physics Seminar (1; 1; 1; 1)
Study of advanced topics in physics, emphasizing each semester one matter of particular importance to contemporary physics. Students enrolled will be required to present material relevant to the topic. *Prerequisite, a minimum of eight semester hours of physics beyond the introductory level. One and one-half class periods a week.*

351; 352; 451; 452. Special Studies in Physics (1 to 3)
Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors in physics. Qualified students who are not candidates for such honors but who desire to take the course are also admitted.

402. Introductory Quantum Mechanics (3)
Origins of quantum theory, the Schrodinger equation, physical meaning of quantum mechanics, solutions of one- and three-dimensional problems. *Prerequisite, Physics 315 or permission of the instructor. Not offered in 1974-1975.*

POLITICAL SCIENCE (78)

Professor David; Associate Professor Weber; Assistant Professor Herbert Smith

The curriculum in political science is directed towards an understanding of national and international affairs 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, the Washington Semester at the American University.

Political Science 103 is prerequisite to all political science courses numbered 211 and above.

***103. American National Government** (3)
National political institutions; particular attention to the principles, processes, structure, and functions of the federal government.

***104. World Politics** (3)
An examination of major factors which condition international politics, with emphasis on national, imperialistic, and ideological factors involved.



202. State and Local Government

(3)

State, county, and urban government; selective focus on problems of governance in metropolitan areas.

203. International Organization

(3)

An analysis of attempts which have been made and are being made to deal with international problems through international cooperation, such as the United Nations and the Specialized Agencies, the International Court, defense organizations, the European Community, the Organization of American States, and International Commodity Controls. *A field trip to the United Nations is a required part of the course.*

206. Political Theory

(3)

A survey of political theory related to the nature and purpose of the state and based on the analysis of ideas of leading ancient, medieval, and modern philosophers.

210R. Political Institutions of India

(3)

A study of the political process, governmental structure, and foreign relations of India. *Prerequisite, an introductory course in political science, or an introductory course in Indian Civilization, or permission of the instructor.*

211. Political Parties

(3)

The nature and function of political groups and parties in the United States; the role of the public in the American political process.

213. Comparative Government

(3)

Analysis and comparison of the political institutions and practices of selected Western and Non-Western states. *Prerequisite, Political Science 104 or the permission of the instructor.*

333; 333R. Learning and Behavior Modification**(3)**

A study of basic psychological principles governing human behavior within the conceptual framework of learning theory. Special emphasis is placed on vicarious, symbolic, and self-regulatory processes. An evaluation is made of the efficacy of various methods of behavior change. *Prerequisite, Psychology 214 or permission of the instructor. Three class periods and one three-hour laboratory period a week.*

351; 352; 451; 452. Special Studies in Psychology**(1 to 3)**

Directed individual study; open to advanced students in psychology who are candidates for departmental honors in psychology. Other qualified students may be admitted with the consent of the department.

RELIGION (84)

See Philosophy and Religion.

RUSSIAN (87)

See Modern Languages.

SOCIOLOGY (90)

Professor Griswold, Associate Professor Ashburn; Assistant Professors Elwell, Herrman, Shook, and Tait; Mr. Grier. Students majoring in sociology may prepare for graduate study in community planning, liberal arts, social work, or theology.

A social work concentration within the sociology major prepares students for the practice of social work. The specific courses required in this concentration are listed in the Guidance Bulletin. This program is approved 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.

Opportunity is afforded to a limited number of students to participate in an off-campus program in Appalachia.

Sociology 103 is prerequisite to all other courses in sociology

103; 103R. Introductory Sociology*(3)**

Social problems treated within the context of the social structures which produce them, with emphasis upon the analysis of social organization, the nature of culture, personality, groups, and associations.

104. Issues and Trends in American Society**(3)**

A continuation of Sociology 103, with emphasis upon the study of collective behavior, human ecology, social change, and the institutions of society.

108. Cultural Anthropology*(3)**

A study of man's culture, with material drawn from both primitive and complex societies.

202. The Family**(3)**

A study of the contemporary American family; its variety of patterns; its reaction to stress; and its function in a rapidly changing society.

203. Urban Sociology**(3)**

The study of the differentiation of social structures and functions within urban communities; ecological processes involved in the growth of cities and metropolitan areas; an analysis of urbanism as a way of life. *Required of all majors.*

204. Social Psychology

See Psychology 204.

205. Criminology**(3)**

The causes, incidence, treatment, and prevention of crime and delinquency.

206. Religion and Society**(3)**

An investigation of the varieties of religious belief and practice; religious institutions and their effect upon the individual; how a society affects its religious institutions and how religious institutions affect society.

207. Indigenous Civilizations of the Americas**(3)**

An archeological and ethnological reconstruction of the rise of civilization in the Americas from the early hunters to the high cultures of Maya, Inca and Aztec. *Prerequisite, Sociology 108.*

210. Population**(3)**

The composition, growth, distribution, and changes in population of the United States and other areas of the world. *Not offered in 1974-1975.*

211. The Afro-American in the Social System**(3)**

The relationship of black people in America to the social, political, and economic systems. Emphasis is placed on the genesis of black people in America with a focus on the black family and black relationships to various aspects of the social system. *Not offered in 1974-1975.*

212. Social Stratification and Inequality**(3)**

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, and the relations between status and conformity deviance.

306. Community Planning**(3)**

The community as a social system; community, organization; community planning; other selected aspects of community life, including the fusion of rural and urban patterns.

307, 308. Social Welfare as a Social Institution**(3,3)**

Social welfare in modern America; historical development and current institutional nature; aspects of social agencies and social work as functioning in this system; consideration of programs designed to meet specific needs and problems; evaluation of the effectiveness of current programs; evaluation of social welfare and its future direction. *Prerequisite, six semester hours of sociology.*

310. Juvenile Delinquency**(3)**

A study of the causal conditions, prevention, and treatment of delinquency. Several field trips are made to local agencies to investigate ways in which society is dealing with the problem.

314. Law Enforcement and Criminal Justice**(3)**

The organization and function of law enforcement agencies with the view toward determining the most effective organized approaches to social control; an overview of law enforcement and the prosecutor's function within the context of the criminal justice system. *Prerequisite, Sociology 305.*

317. Sociology of Liberation Movements**(3)****323. Social Philosophy**

See Philosophy 323.

351. Methods of Social Research**(3)**

The application of the basic techniques of social research to the study of various sociological problems and concepts. *This course is required of all junior sociology majors.*

352; 451; 452. Special Studies in Sociology**(3;3;3)**

Directed study planned and conducted with reference to the needs of those students who are candidates for departmental honors in sociology. Qualified students who are not candidates for such honors but who desire to undertake special work in the department are also admitted.

403. The Development of Sociological Theory**(3)**

The development of social theory with major emphasis on the contribution of the eighteenth and nineteenth centuries to the understanding of current concepts and systems of sociological thought. *Prerequisite, twelve semester hours of sociology.*

405. Introduction to Social Work Methods**(3)**

The theory and application of the principles underlying social work methods of intervention and treatment in the fields of public and private welfare. *Prerequisite, Sociology 307.*

407. Penology and Correction**(3)**

The examination of correctional treatment following the conviction of the criminal with emphasis on current philosophy and practice in prisons, probation, pardons, parole, and other correctional procedures. *Prerequisite, Sociology 205.*

408. Field Experience in Social Work**(6)**

Supervised experience in methods of social work in a community social welfare agency with direct involvement in delivery of service. A variety of agencies and methods will be used with each student spending time weekly in a specific agency. Seminar sessions will integrate and interpret experiences gained in the field. *Prerequisites, Sociology 307, 308, 405. One class period and two days of field work a week.*

410. Sociology Colloquium**(1)**

Reading and group discussion of selected works in contemporary sociology. *Not offered in 1974-1975.*

Off Campus Program**The Appalachian Semester**

Western Maryland College participates in a specialized program of study at Union College in Kentucky. The Appalachian Semester offers mature students a unique educational opportunity to devote their full time to studying the Appalachian region — its strengths, its problems, and its challenges. The program's objectives are to promote in-depth awareness and understanding of life in Appalachia from an interdisciplinary approach and to provide an academic setting for understanding and participating in the dynamics of life in the area. This comprehensive academic program, which includes both classroom and field experience, provides 15 semester hours of credit in sociology and social work and offers the student the opportunity to become actively involved in a unique part of American Society.

SPANISH (93)

See Modern Languages.

STATISTICS (96)

Associate Professor Law; Assistant Professor Seidel

No major is offered in this field.

215. Elementary Statistics for Social Science

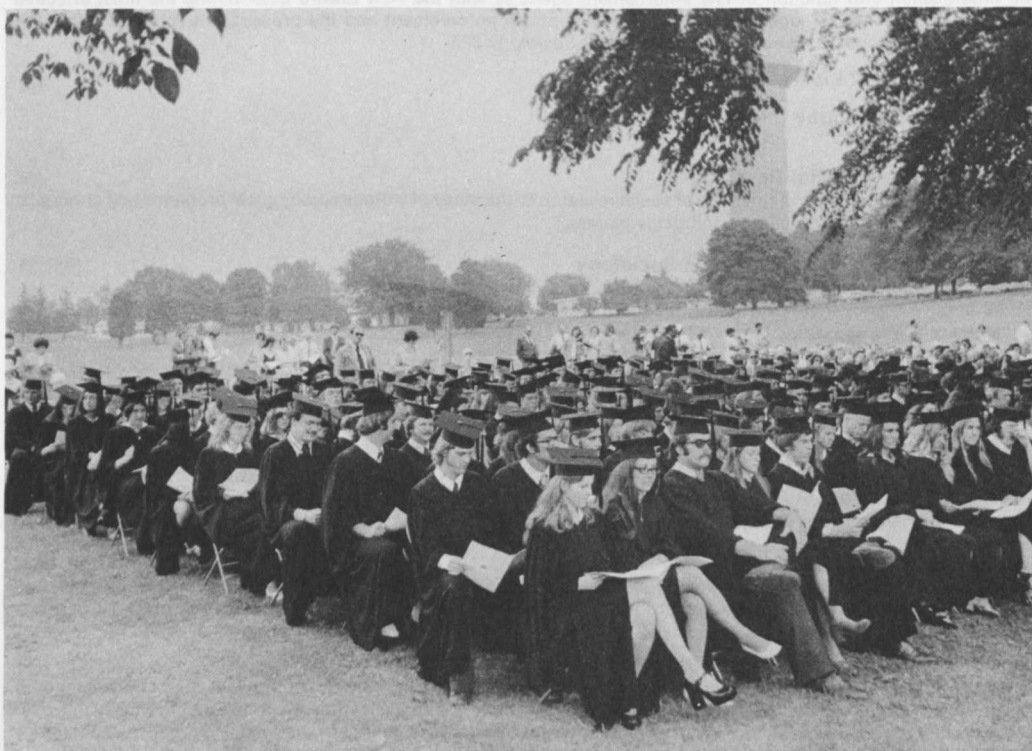
(3)

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 of the social sciences. *Two class periods and one one-hour laboratory period a week.*

216. Statistical Methods

(3)

Specific statistical techniques such as index numbers, time series analysis, analysis of variance, chi-square, regression and correlation; introduction to Bayesian statistics; elementary application of the computer to statistical analysis. Students will be asked to apply learned statistical techniques to two original projects on topics of their choice. Emphasis will be on techniques of hypothesis testing useful for research in the social and natural sciences. *Prerequisite, Statistics 215 or permission of the instructor. Two class periods and one one-hour laboratory period a week.*



January Term



January Term

Over the past decade many liberal arts colleges have reexamined their curriculum and calendar to improve teaching and learning methods. Western Maryland is no exception. In 1969 the faculty approved a curricular and calendar experiment which incorporated a three-week January Term between the fall and spring semesters. Two years later, the first semester was shortened to 13 weeks and the interim term was expanded to four weeks. During this period a student pursued one course or topic in depth in a concentrated manner. Finally, in the fall of 1973, the faculty voted to continue January Term as a regular part of the college program.

The January Term 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 the student or of the faculty member in their common pursuit of learning. There is a third dimension in this pursuit — intensity — the chief motivation of which must come from within the student, developing most productively in a mutual effort and commitment between student and teacher. The January Term can be a time when the teacher makes available some of his special knowledge and personal interests to the student, in a particularly sustained, conscious, and organized interaction. It is hoped that in each class or individualized project the student will engage with his instructor in a cooperative venture, one in which they explore new areas and extend intellectual horizons.

The January Term takes several directions. For one student it is the opportunity to pursue independently, in an organized and guided way, a project or area of study which deeply interests him. For another it is an opportunity to enroll in a course even though he has no previous background in the field, or to attempt to master a subject or skill for which he may lack natural aptitude. For another it means a time for exploration of an area of interest, such as music or art, unrelated to his regular academic program. For a student interested in travel, it is a fine opportunity to join with others in a study tour of another country, learning something of the geography, language, and culture of another people.

For all, it is a period of concentrated study normally beyond the range of the more usual 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 day by day operation of each particular program will depend upon its nature. In some cases, all or part of the work may be done off-campus. Enrollment in most on-campus courses will be limited to a small number in order to emphasize the individual contact between the instructor and the students.

The January Term at Western Maryland, then, may be envisioned as a time to cultivate special interests in depth, a time for creative work, a time for experiment, 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, and/or a time for solitary study and reflection.

Eligible Students

Students are required to complete successfully no less than two January Terms. Students who transfer at the junior or senior level must successfully complete one January Term for each academic year of residence. It is hoped, however, that a significant number of students will find in the January Term an opportunity to explore new academic or cultural areas, or an opportunity to gain graduation hours while pursuing an interesting study, so that the program will be a viable one for the College Community.

Students in good standing at Western Maryland College are eligible to participate in the January Term. These include full-time students, part-time students, and students who plan to enroll as full-time students in February. Only full-time students will be permitted to live on campus during the January Term; all others may register as day students. Special students may apply for admission to the January Term through the Director of the January Term.

Enrollment in the January Term will not be contingent upon the student's academic standing during the fall semester at Western Maryland College.

Registration

Although a preliminary registration is held in May, all students who wish to participate in the January Term should formally register during the registration period, September 30-October 4. In this final registration, each student is asked to indicate on the registration form his *three* choices of courses or projects by Department and Course number *in order of preference*. These choices should be discussed with the student's adviser; the adviser's signature must be obtained before registration is complete. The student should carefully study the prerequisites for each course and determine whether he will have met them *by January, 1975* (Note: 1=Freshman, 2=Sophomore, 3=Junior, 4=Senior).

The student is responsible for securing the consent of the instructor if that is required. The signature of consent should be affixed to the registration form, on the blank provided. In the cases where permission/release are required, these forms will be available from the instructors involved, but must be filed with the Director no later than November 1, if the student is to be enrolled in the course.

After the registration process is complete, each student will be notified of his January Term assignment.

Students should take care in designating their selections at registration, as students who apply for projects during this registration process will have priority in those courses with limited enrollment and in other decisions which must be made regarding assignments and course offerings. Changes in preference may occur after the registration period; *such changes must be made with the Registrar no later than December 1.*

Grades and Credits

To emphasize the importance of quality and creative work and intellectual achievement possible during the January Term, all grades will be recorded as Pass or Fail for all students, except that all 400 level Special Studies courses will be graded on the regular letter basis.

A student is permitted to take a course *in his major* during the January Term. The course may or may not count toward his required major credits, at the discretion of the major departmental chairman and his major adviser.

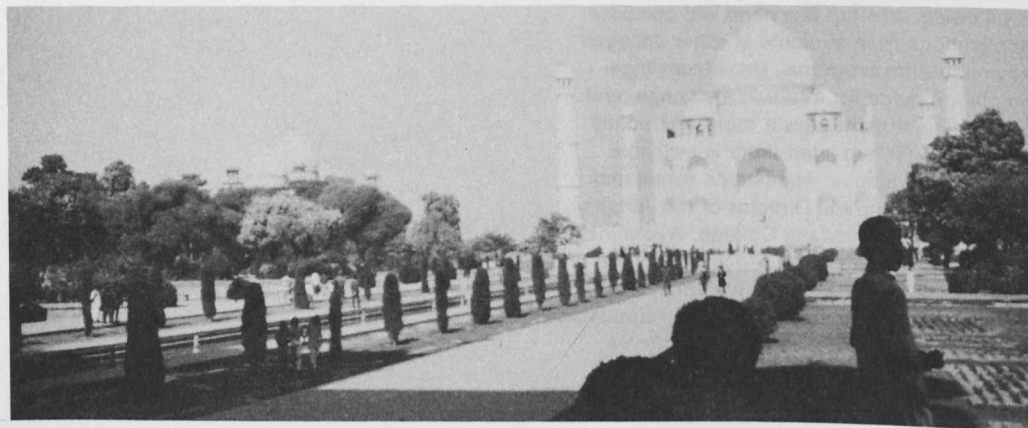
Regular semester courses are not offered during the January Term. January Term courses generally cannot be used to satisfy basic liberal arts requirements. All credit courses taken in the January Term will count toward graduation.

Normally students carry only one full course during a January Term; they may be allowed to participate in an applied Fine Arts course for no credit or for one credit in addition to their full course registration.

Expenses

The January Term is considered part of the first semester, administratively, and students pay the same tuition, room, and board fees each semester whether they attend the January Term or not. Students not participating in the January Term and those taking off-campus courses receive board refunds in the form of credit on the next semester's bill. Students defray the costs of all extended travel and special materials required in a January Term course.

For part-time and special students, the tuition fee for a January Term course is



\$75.00 per semester hour of credit and the room and board fee is \$135.00 for the four-week session.

The required textbooks for the January Term courses may be purchased at the College Bookstore. All charges must be paid at the time of making the purchase.

It is assumed that a student will not withdraw from the College during the January Term. In the event that such a withdrawal is necessary after the first three class sessions in a course, refund for tuition will not be allowed. A pro-rata credit for board will be made.

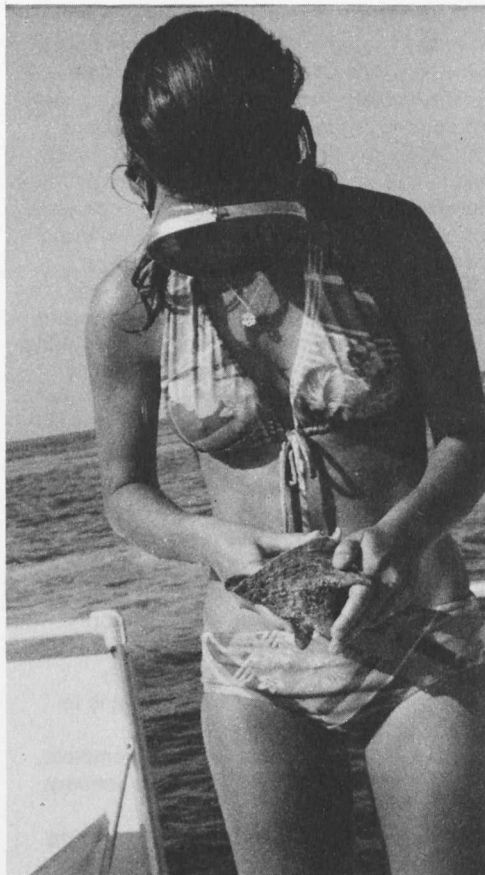
Only those students enrolled in a course or project during the January Term are permitted to remain on the campus and use the facilities of the College or faculty time during the January Term.

NOTE: A student enrolled in an on-campus course in January Term may not temporarily change his resident status for the term without permission of the Director of Housing, Dean of Students' Office.

January Term Exchange Programs

January study for Western Maryland students at other colleges having interim programs may be arranged. The Cooperative Listing of colleges and projects may be obtained from the Director of the January Term. In addition, various departments have knowledge of special projects in their fields, and the Director's Office has a file of the catalogs of other colleges and of unusual study and travel opportunities. *It is imperative that all exchange arrangements be made through the Director of the January Term; they should be completed by December 1.*

Likewise, Western Maryland will consider applications from students at other colleges having interim programs. Usually arrangements are made for a tuition exchange, and the visiting student pays a room and board fee of \$135.00, provided there is available housing on campus. Application forms may be obtained from the Director of the January Term, Western Maryland College, Westminster, Md. 21157. They must be processed by the appropriate officer at the applicant's home college and accompanied by a non-refundable application fee of \$5.00. All arrangements for student exchange should be completed by December 1.



Courses of Instruction

AMERICAN STUDIES (01)

172. The Great Plains: The Place, Its People, and Their Art

(3)

A study of "the great American desert", its geography, its people, its art and literature through reading novels, looking at paintings, films, and photographs.

Instructor: Phillips

Location: On Campus

Prerequisites: Recommended: History 107, 108, English 211, 213, 214; Interview with and permission of instructor

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1; American Studies majors

Enrollment: 10 to 25

Extra Fees: Approximately \$10 for films.

ART (03)

176. Study Tour: Art of the German Rhineland, Bavaria and Austria

(3)

A tour of castles, cathedrals and cities along the Rhine, Alps and the Danube — from Charlemagne's Palace Chapel at Aachen to Vienna. Roman remains at Constantinian Trier and Cologne, the Imperial Cathedral at Speyer, Heidelberg Castle, Bamberg, Nurnberg, the finest Baroque monuments in Bavaria and the major international museums at Munich and Vienna will provide a survey to art — from late antiquity to the present — in its cultural context.

Instructor: M. Baughman

Location: Germany

Prerequisites: Recommended: Art 113, 114; permission of instructor

Open to: 1, 2, 3, 4

Priority to: Art majors; 4, 3, 2, 1

Enrollment: 8 to 12

Extra Fees: Approximately \$800.

271. Experiment — 3D

(3)

Study of sculptural images by the use of discarded and other non-traditional materials. This will include hard and soft objects. It will culminate in Gallery One as an Environmental-Happening show.

Instructor: Palijczuk

Location: On Campus

Prerequisites: Permission of the instructor

Open to: 2, 3, 4

Priority to: Art Majors; 4, 3, 2

Enrollment: 10 to 18

Extra Fees: Approximately \$10 for materials.

BIOLOGY (09)

172. Field Studies in Marine Biology

(3)

An in-depth study of the flora and fauna of the diverse aquatic and terrestrial habitats of south Florida. The course will include field trips, lectures, and a small-scale research project. Emphasis will be on field observations and ecology.

Instructors: S. Alspach, Brown

Location: Florida Keys

Prerequisites: Interest in biology and natural history of organisms; permission of Dr. Alspach

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 10 to 20

Extra Fees: Approximately \$300-\$400 to include room, board and lab fees (transportation will be extra).

COMPARATIVE LITERATURE (17)

172. Aleksandr Solzhenitsyn

(3)

A study of Solzhenitsyn's writings and thoughts along with their biographical and historical context, with an attempt to see his work in relation to the Russian humanist tradition of Tolstoy and Dostoyevsky, and to consider his role as a universal symbol of moral conscience.

Instructor: Hartman

Location: On Campus

Prerequisites: None

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 5 to 30

Extra Fees: None

173. Study Tour: Greek Civilization

(3)

A study of Greek art and architecture in its historical setting — Athens, Attica, Greek Islands, and Crete.

Instructor: M. Palmer

Location: Greece, Crete

Prerequisites: Interview with and permission of instructor

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: 10 to 12

Extra Fees: Approximately \$1000.

EDUCATION (27)

174. Media as a Form of Communication

(3)

A study of media as they are used to present ideas to groups. Areas to be included are the operation of projection and and recording devices, the evaluation of commercially prepared materials, the construction of materials, multi-media production techniques, and the theory of the impact of media on the viewer. Useful for careers in sales, business, art, etc.

Instructor: Patrick

Location: On Campus

Prerequisites: None; students enrolling in this course should *not* be planning on entering the education program or doing student teaching.

Open to: 1, 2, 3, 4

Priority to: 3, 4

Enrollment: 5 to 25

Extra Fees: None

175. Introduction to Special Education

(3)

An introduction to the major handicapping conditions which create exceptional children. Reading will include novels based on the exceptionalities. Visits to special centers and direct work with exceptional children will also be included.

Instructor: Rabush

Location: On Campus

Prerequisites: None

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: 10 to 30

Extra Fees: Small fees for bus transportation to Exceptional Child Centers.

271. Field Study in Education for the Deaf

(3)

Individual assignments in a school for the deaf for a four-week period of observation and participation. Emphasis is also placed on areas outside the classroom.

Instructor: Staff

Location: Off Campus

Prerequisites: Permission of instructor

Open to: 2, 3, 4

Priority to: None

Enrollment: 15 to 30

Extra Fees: Travel expenses and possibly room and board fees.



371. Interpreting English Usage

(3)

A study of the reasoning underlying current English usage. This course would be particularly useful for those who anticipate teaching English and will therefore need to have answers for the pupils' persistent "Why?"

Instructor: Bowlsbey
Location: On Campus
Prerequisites: None
Open to: 3, 4
Priority to: 4, 3
Enrollment: 10 to 25
Extra Fees: None

ENGLISH (30)

172. The Little Magazine: A Workshop

(3)

One-half history and one-half apprenticeship. This workshop will include a study of the important little magazines from the 1890's to the present, and will, at the same time, produce one. We will invent our own "ism" and then write, type, design, and produce a little magazine.

Instructor: K. Richwine
Location: On Campus
Prerequisites: Interview with instructor and a writing sample
Open to: 1, 2, 3, 4
Priority to: 4, 3, 2, 1
Enrollment: 10 to 15
Extra Fees: Approximately \$5 for art supplies.

180. Journal into Fiction/Literary Art

(3)

A study of the process whereby literary artists transform their personal experiences into works of fine art. Students will read a number of autobiographical masterpieces and keep detailed journals of literary and non-literary experiences throughout the month, to obtain objective and subjective understanding of autobiography.

Instructor: R. Sapora
Location: On Campus
Prerequisites: None; interview with instructor
Open to: 1, 2, 3, 4
Priority to: 4, 3, 2, 1
Enrollment: 12 to 25
Extra Fees: None

187. Spies and Superheroes

(3)

A study of the origin and development of the characters of the spy and the superhero in modern popular literature. Readings will be from the works of such writers as Ian Fleming, E. Howard Hunt, Edgar Rice Burroughs, and Kenneth Robeson.

Instructor: L. Panek
Location: On Campus
Prerequisites: None
Open to: 1, 2, 3, 4
Priority to: 4, 3, 2
Enrollment: 18 to 25
Extra Fees: None

188. Women in Literature

(3)

A critical examination of some ways in which women and concerns of women have been viewed by creative writers, chiefly women, chiefly American, chiefly twentieth century. Among those to be read will be Mary McCarthy, Sylvia Plath, Susan Sontag, D. H. Lawrence, Doris Lessing, Louisa May Alcott.

This course is not open to those students who have already taken IDS 173 or IDS 177 in previous January Terms.

Instructor: Lawler
Location: On Campus
Prerequisites: None; one literature course would be helpful
Open to: 1, 2, 3, 4
Priority to: None
Enrollment: 20 to 30
Extra Fees: None

371. Interpreting English Usage

(3)

A study of the reasoning underlying current English usage. This course would be particularly useful for those who anticipate teaching English and will therefore need to have answers for the pupils' persistent "Why?"

Instructor: Bowsbey

Location: On Campus

Prerequisites: None

Open to: 3, 4

Priority to: 4, 3

Enrollment: 10 to 25

Extra Fees: None

FRENCH (33)

171. Study Tour of France

(3)

A tour of three major regions of France: Paris, the Loire Valley, and Provence. The course will include sightseeing, discussions, and readings (in French) of various aspects of the cultural life of the areas visited. The perspective will be both historical and contemporary.

Instructor: Cipolla

Location: France

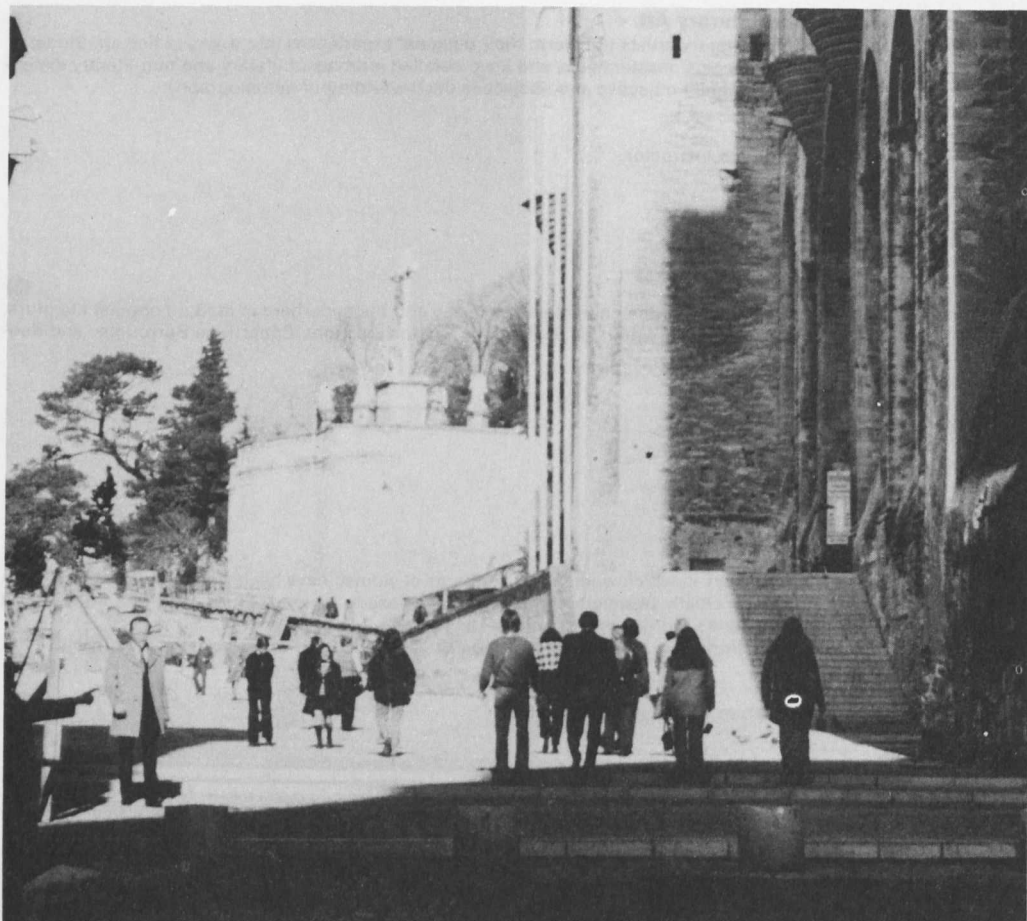
Prerequisites: A working knowledge of French (at least through French 110); interview with and permission of instructor.

Open to: 1, 2, 3, 4

Priority to: French majors; 3, 4

Enrollment: 10 to 16

Extra Fees: Approximately \$800 to cover all expenses: transportation, tours, lodging, meals, etc.



GENERAL SCIENCE (36)

176. Energy: Harnessment and Utilization (3)

A historical, economical, and scientific survey of energy sources in the past, present, and future, and their importance to an industrialized society. Solar, nuclear, wind, and tide water sources of energy will be examined in detail.

Instructor: Cross

Location: On Campus

Prerequisites: 2 years of high school science

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 10 to 35

Extra Fees: Approximately \$15 to cover expenses of speakers, field trips, and materials.

177. Man and the Nuclear Atom (3)

A historical study of the development of the components of the atom, with emphasis on the nucleus. The development of nuclear weapons will be studied in depth, along with medical and energy advances using various radioactive materials.

Instructor: Herlocker

Prerequisites: One year of college science — one semester if Chemistry 103 or 105 is taken; interview with instructor.

Open to: 1, 2, 3, 4

Priority to: Non-science majors

Enrollment: 10 to 25

Extra Fees: Approximately \$25-50 for films and field trips.

178. Man and the Weather (3)

A look at weather and its influences on man, on his society, and on his history. Emphasis will be given to an interdisciplinary study of weather: e.g. weather and economics, food, literature, and many other topics.

Instructor: Yedinak

Location: On Campus

Prerequisites: None

Open to: 1, 2, 3, 4

Priority to: 1, 2

Enrollment: 10 to 25

Extra Fees: None

GERMAN (42)

173. Study Tour of Germany and Austria (3)

A trip via Luxemburg, Aachen, Heidelberg, Munich, Salzburg, Vienna, Nuremberg, Bamberg, Wurzburg. This on-the-spot study of German culture and history will be highlighted by tours of cities and visits to museums, cathedrals, castles, palaces, the theater and opera.

Instructor: Zauche

Location: Germany & Austria

Prerequisites: German 109 or equivalent; permission of instructor

Open to: 1, 2, 3, 4

Priority to: Language Majors

Enrollment: 10 to 16

Extra Fees: Approximately \$800.



HISTORY (48)

181. The Family in European History

(3)

A seminar in the organization and role of the family in western society from the ancient world to the industrial age.

Instructor: Evergates

Location: On Campus

Prerequisites: One semester of history

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: 8 to 15

Extra Fees: None

INTERDISCIPLINARY STUDIES (50)

180. The Government Role in Energy Management

(3)

An intensive study of the roles and activities of the many governmental agencies that affect our energy situation, with special emphasis on federal and state regulatory actions. Included will be a field research effort in gathering data concerning the costs and results of possible different ways of regulating energy. The study will consider the institutional problems in bringing about change. The course will culminate in a presentation of the problem analysis to government energy managers.

Instructor: Cushen

Location: On Campus

Prerequisites: None

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 10 to 20

Extra Fees: None

181. Study Tour of England & Scotland

(3)

Study tour of historical, literary, musical, artistic, and scientific landscapes in England and Scotland, concentrating on London with trips to York, Cambridge, Edinburgh, Stratford, Bath, Canterbury, and the Lake Country. Theatre, opera, orchestral, and ballet performances will be included.

Instructors: Stevens, Lightner

Location: England & Scotland

Prerequisites: Interest in British Culture; permission of Dr. Stevens

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 15 to 40

Extra Fees: Approximately \$800.

182. Up on Two

(3)

A thorough investigation of the concept of being "on the road." The first ten days will consist of selected readings of "road" literature, along with a short course on motorcycle mechanics. This will be followed by a motorcycle tour of the Southeast; follow-up sessions on campus will complete the course.

Instructor: Duren, Rosenzweig

Location: On & Off Campus

Prerequisites: Access to a motorcycle of at least 350 cc and permission of the instructors.

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 5 to 20

Extra Fees: About \$200 for gas, food and lodging (if necessary).

MATHEMATICS (57)

174. Finite Mathematics and Applications: Is Bigger Better?

(3)

Topics from finite mathematics such as matrix algebra, linear programming, combinatorics, discrete probability, game theory, graphs and networks with mathematical models and applications to problems in the natural, social and management sciences. *This course does not count toward a major in mathematics.*

Instructor: Staff

Location: On Campus

Prerequisites: Math 109 or equivalent

Open to: 1, 2, 3, 4

Priority to: 2, 1

Enrollment: 10 to 25

Extra Fees: None

MILITARY SCIENCE (60)

372. Third Lieutenant Program

(3)

This course provides the cadet with exposure to a wide range of Army activities so that he can better understand the daily workings of units in garrison and in the field.

Instructor: R. Baughman

Location: Off Campus

Prerequisites: Must be Advance Course Student in ROTC; parental/guardian consent.

Open to: 3, 4

Priority to: 4, 3

Enrollment: 1 to 5

Extra Fees: Approximately \$100 personal travel and living expenses.

MUSIC (63)

003. Private Lessons — Piano

(0)

Instructor: Heggemeier

Location: On Campus

Prerequisites: For students who have studied piano during the first semester, and enrolled for second semester, with the instructor.

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: Open

Extra Fees: None

NON-WESTERN STUDIES (66)

175. Survey of Indian & Chinese Yoga/Meditation Literature

(3)

Selected readings and discussions of Hindu, Buddhist and Taoist yoga/meditation manuals and texts (in translation) such as: Patanjali, *Yoga Sutra*; *Visuddhimagga* of Buddhaghosa; *Hatha Yoga Pradipika* Satipathana Sutra.

Instructor: Bachmann

Location: On Campus

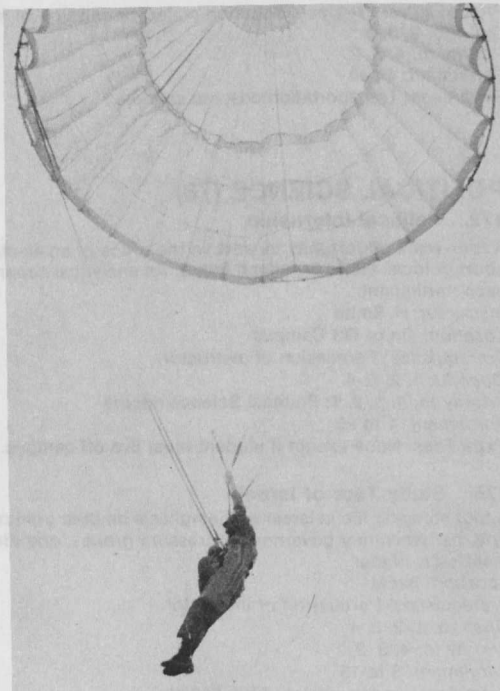
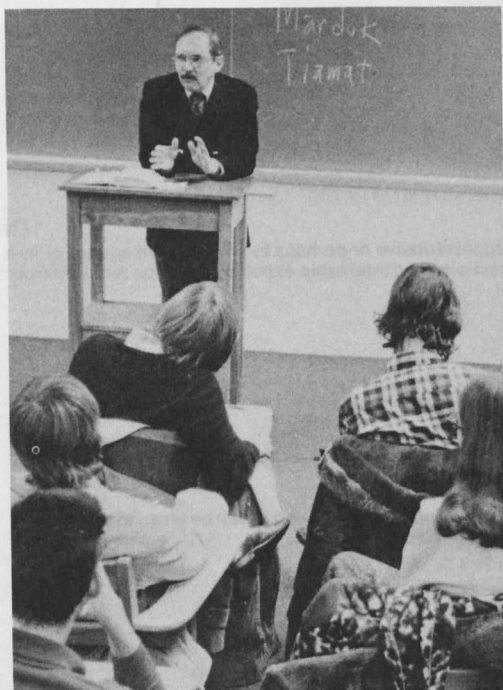
Prerequisites: Interview with and permission of instructor

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: 6 to 15

Extra Fees: Approximately \$15 for guest speaker expenses.



180. Study Tour: The Human and Animal Ecology of Central Kenya and Eastern Zaire (3)

A camping safari through the big game country of Kenya and Zaire; air flight to Nairobi, Kenya, safari to Lake Nakuru, the Mara and the Serengeti in Kenya, overland to Eastern Zaire, Queen Elizabeth and Albert National Parks, on foot into Mountain Gorilla Country, pygmy villages and 4-5 days hiking up the Mountains of the Moon.

Instructor: Griswold

Location: Africa

Prerequisites: Permission of instructor

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 12 to 18

Extra Fees: Approximately \$1500-\$1600.

PHILOSOPHY (69)

172. Aleksandr Solzhenitsyn (3)

A study of Solzhenitsyn's writings and thoughts along with their biographical and historical context, with an attempt to see his work in relation to the Russian humanist tradition of Tolstoy and Dostoyevsky, and to consider his role as a universal symbol of moral conscience.

Instructor: Hartman

Location: On Campus

Prerequisites: None

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 5 to 30

Extra Fees: None

PHYSICAL EDUCATION (72)

271. Practicum in Physical Education (3)

Micro-teaching experiences arranged within commuting distance of college for prospective students interested in Physical Education and its related field. Students will spend the entire January Term functioning as a teacher's aid or as a para-professional.

Instructor: R. Jones

Location: On Campus

Prerequisites: Physical Education major; permission of instructor

Open to: 2, 3, 4

Priority to: 4, 3, 2

Enrollment: Open

Extra Fees: Transportation costs to schools.

POLITICAL SCIENCE (78)

172. Political Internship (3)

A four-week opportunity to work in the office of an elected representative or perhaps in an executive agency or in a court at local, state, or federal levels. An analytical paper describing the internship experience will be required from each participant.

Instructor: H. Smith

Location: On or Off Campus

Prerequisites: Permission of instructor

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1; Political Science majors

Enrollment: 1 to 25

Extra Fees: None except if student must live off campus.

175. Study Tour of Israel (3)

A tour studying life in Israel with emphasis on their unique political institutions. Attention will be given to party structure, parliamentary government, pressure groups, and life in the Kibbutz.

Instructor: Weber

Location: Israel

Prerequisites: Permission of instructor

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 6 to 15

Extra Fees: Approximately \$800-\$1000.

PSYCHOLOGY (81)

173. Altered States of Awareness

(3)

Exploration through reading, discussion, and laboratory demonstration of states of awareness that are different from what one considers to be the "normal" state of wakefulness. Topics include sleep, sensory deprivation, biofeedback (using brain waves and surface temperature of body), drugs, brain surgery, and meditation.

Instructor: Orenstein

Location: On Campus

Prerequisites: Psychology 106 or permission of instructor

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: 10 to 20

Extra Fees: \$10 to cover cost of electrodes and related disposable equipment.

273. Practicum in Behavior Modification

(3)

An opportunity to apply the principle of classical conditioning, instrumental learning and modeling to the developing behavioral repertoire of the retardate. Instruction and supervised experience on a one-to-one basis with mentally retarded subjects at Carroll Haven Center for the Retarded will be provided.

Instructor: Colyer

Location: On Campus

Prerequisites: Psychology 106 (203); permission of instructor

Open to: 2, 3, 4

Priority to: 4, 3, 2

Enrollment: 4 to 10

Extra Fees: None

RUSSIAN (87)

172. Study Tour of the Soviet Union

(3)

Trip to Helsinki, Leningrad, Moscow and Kiev.

Instructor: M. Long

Location: Soviet Union

Prerequisites: Permission of instructor

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: 6 to 20

Extra Fees: Approximately \$825.

SOCIOLOGY (90)

175. Orientation to Social Welfare Agencies

(3)

Opportunity to work in selected social agencies for four days per week. The fifth day will be spent in seminar sessions related directly to the work. (Required for students planning to graduate in Social Work.)

Instructor: Elwell

Location: On & Off Campus

Prerequisites: None

Open to: 1, 2, 3, 4

Priority to: Social Work Students

Enrollment: 10 to 30

Extra Fees: Approximately \$25 per student for transportation to agencies.

180. Study Tour: The Human and Animal Ecology of Central Kenya and Eastern Zaire

(3)

A camping safari through the big game country of Kenya and Zaire; air flight to Nairobi, Kenya, safari to Lake Nakuru, the Mara and the Serengeti in Kenya, overland to Eastern Zaire, Queen Elizabeth and Albert National Parks, on foot into Mountain Gorilla Country, pygmy villages and 4-5 days hiking up the Mountains of the Moon.

Instructor: Griswold

Location: Africa

Prerequisites: Permission of instructor

Open to: 1, 2, 3, 4

Priority to: 4, 3, 2, 1

Enrollment: 12 to 18

Extra Fees: Approximately \$1500-\$1600.

181. Deviant Behavior: Treatment or Control

(3)

An analysis of the way in which our society deals with deviant behavior. Specifically, we will visit institutions for deviants to examine their treatment and control programs. Use will be made of a theoretical model to guide our observations and analysis.

Instructor: Tait

Location: On Campus

Prerequisites: Sociology 103

Open to: 1, 2, 3, 4

Priority to: None

Enrollment: 10 to 20

Extra Fees: Small fee to cover expenses of trips to institutions.

273. The Sociology of Medical and Health Services

(3)

A familiarization with the sociological and economic aspects of health delivery services in the community. Attitudes toward the sick and disabled as well as the impact of illness upon the family are examined in detail. Heavy emphasis is upon on-site visits and discussions with medical practitioners and para-professionals in the medical services field. Literature in the field is incorporated in the course of study.

Instructor: Ashburn

Location: On Campus

Prerequisites: None

Open to: 2, 3, 4

Priority to: Science majors; 4

Enrollment: 10 to 20

Extra Fees: Approximately \$10 to cover the cost of transportation and field visits.

SPANISH (93)

171. Study Tour of Mexico

(3)

A tour of some cities in Mexico, especially Mexico City; also Acapulco and Yucatan Peninsula; sightseeing, notes, discussions, readings (in Spanish and English). Visit to museums and places significantly related to its history and connections with other aspects of the Hispanic World will be included.

Instructor: Rivers

Location: Mexico

Prerequisites: Spanish 110; permission of instructor

Open to: 1, 2, 3, 4

Priority to: Spanish majors

Enrollment: 10 to 15

Extra Fees: Approximately \$650.

INDEPENDENT STUDIES

(ALL DEPARTMENTS)

191; 291; 391; 491. Independent Studies in (Department)

(0-3)

An opportunity for independent work in some field outside the student's major. *All students who plan to be on campus for this type of study or project must be enrolled in this course, regardless of the credit involved.*

Instructor: Any faculty member outside the student's major department

Location: On or off campus

Prerequisites: Permission of the instructor who will serve as the student's project adviser; approval of the project by the January Term Independent Study Committee.

Open to: 1, 2, 3, 4

Note: A department is under no obligation to accept independent studies students.

SPECIAL STUDIES

(ALL DEPARTMENTS)

391; 491. Special Studies in (Department)

(0-3)

An opportunity for additional or continued work on special projects, honors papers, etc. in the student's major. *All students who plan to be on campus for this type of research or special studies work in their major must be enrolled in this course, regardless of the credit involved.*

Instructor: Any faculty member in the student's major department

Location: On or off campus

Prerequisites: Permission of the instructor who will serve as the student's project adviser

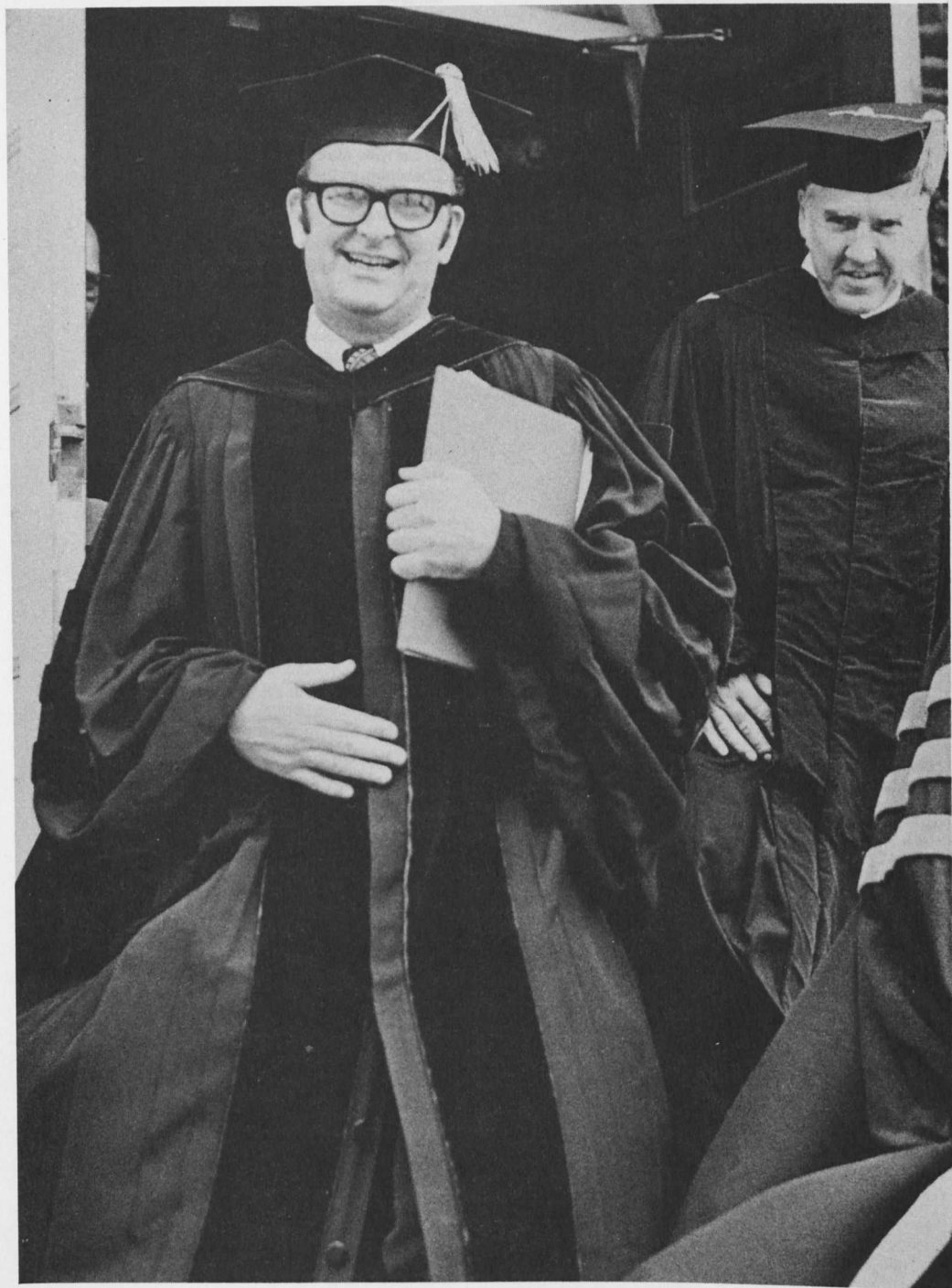
Open to: 3, 4

Note: All 400 level Special Studies will receive a letter grade; all other special studies will be graded Pass-Fail.

A department is under no obligation to accept special studies students.

All special studies contracts must be submitted in final form, including faculty sponsor's signature, to the Director of the January Term no later than December 1. Forms and instructions are available in the Registrar's Office.

The College Organization



BOARD OF TRUSTEES

Date in parenthesis indicates year of election to the Board of Trustees.

Hilda Long Adkins, B.A. (1951)
Alumna and Community Leader
Salisbury, Maryland

Wilson K. Barnes, J.D., D.Cn.L. (1963)
Attorney (Formerly Associate Judge, Maryland Court
of Appeals)
Maryland National Bank Building
Baltimore, Maryland

Clarence H. Bennett, B.A. (1967)
President
National Standards Association, Inc.
Washington, District of Columbia

Robert E. Bricker, B.A. (1974)
Executive Vice President
Henkels and McCoy, Inc.
Gwynedd Valley, Pennsylvania

Arthur G. Broll, A.B. (1965)
President
Pepsi-Cola Bottling Company
Atlantic City, New Jersey

Mary Brown Bryson, B.A. (1967)
Alumna and Community Leader
Westminster, Maryland

W. Edward Cushen, Ph.D., Sc.D. (1971)
Office of the Chief Engineer
Federal Power Commission
Washington, District of Columbia

Richard H. Ellingsworth, B.S. (1973)
Chairman of the Board and Chief Executive Officer
General Elevator Company, Inc.
Baltimore, Maryland

Lowell S. Ensor, D.D., L.H.D., LL.D. (1944)
President Emeritus
Western Maryland College
Westminster, Maryland

Robert D. Faw, B.A., C.P.A. (1966)
Executive Partner
Granger, Faw and Company
Salisbury, Maryland

William E. Firth, D.D. (1962)
Minister
John Wesley United Methodist Church
Hagerstown, Maryland

W. Lloyd Fisher, D.B.A., LL.D. (1946)
Partner
Baker, Watts and Company
Baltimore, Maryland

Clarence L. Fossett, D.D. (1960)
Minister
Wesley United Methodist Church
Washington, District of Columbia

Ralph G. Hoffman, LL.B. (1971)
Attorney
Hoffman and Hoffman
Westminster, Maryland

Samuel H. Hoover, D.D.S. (1972)
Dentist
Timonium, Maryland

John Bayley Jones, D.D. (1958)
Minister
Towson United Methodist Church
Towson, Maryland

Richard W. Kiefer, J.D. (1967)
Attorney
Hooper, Kiefer, Cornell and O'Ferrall
Baltimore, Maryland

D. Carlyle MacLea, B.A. (1949)
Chairman of the Board
MacLea Sales Company
Baltimore, Maryland

Frederick C. Malkus, Jr., B.A., LL.B. (1962)
Maryland State Senator
Cambridge, Maryland

Arlie R. Mansberger, M.D., Sc.D. (1971)
Chairman, Department of Surgery
Medical College of Georgia
Augusta, Georgia

James K. Mathews, Ph.D., D.D., L.H.D. (1973)
Resident Bishop, Washington Area
United Methodist Church
Washington, District of Columbia

Alfred L. Mathias, B.S. (1974)
Chairman of the Board
Mark Four Management Services
Upperco, Maryland

F. Kale Mathias, B.A. (1958)
President
Joseph L. Mathias, Inc.
Westminster, Maryland

George A. Meyls, Jr., B.A. (1958)
Forest Products Broker
Baltimore, Maryland

Joshua W. Miles, LL.B. (1959)
Attorney
Miles and Friedman
Baltimore, Maryland

Allan W. Mund, LL.D., D.B.A. (1960)
Chairman of Board (Retired)
Ellicott Machine Corporation
Baltimore, Maryland

Austin E. Penn, B.S., LL.D. (1960)
Chairman, Executive Committee
Baltimore Gas and Electric Company
Baltimore, Maryland

Clementine Lewis Peterson, L.H.D. (1969)
Community Leader and Patron of Arts
Baltimore, Maryland

Wilbur D. Preston, Jr., J.D. (1967)
Attorney
Whiteford, Taylor, Preston, Trimble and Johnston
Baltimore, Maryland

Lewis F. Ransom, D.D. (1956)
Minister
Woodside United Methodist Church
Silver Spring, Maryland

Alleck A. Resnick, J.D. (1972)

Attorney
Kartman and Resnick
Baltimore, Maryland

E. Cranston Riggins, D.D. (1948)

Minister (Retired)
United Methodist Church
Baltimore, Maryland

Charles H. Schools, J.D., LL.D. (1973)

Vice President and Treasurer
General Maintenance Services, Inc.
Washington, District of Columbia

Charles A. Stewart, B.A. (1961)

Partner (Retired)
Price, Waterhouse Company
New York, New York

James A. Straughn, D.D., LL.D. (1915)

Bishop (Retired)
United Methodist Church
Baltimore, Maryland

Thaddeus W. Swank, B.S. (1974)

Partner
Bear, Stearns & Co.
New York, N. Y.

Eugene C. Woodward, D.D. (1956)

Minister (Retired)
United Methodist Church
Glyndon, Maryland

EMERITI

Scott S. Bair (1964)

Chairman of Board
Development Company of America
Westminster, Maryland

Henry L. Darner, M.D., Sc.D. (1957)

Physician (Retired)
Sun City, Arizona

Robert J. Gill, LL.B., LL.D. (1925)

Brigadier General, USAR (Retired)
Attorney (Retired)
Baltimore, Maryland

O. Bryan Langrall, D.D. (1953)

Minister (Retired)
United Methodist Church
Baltimore, Maryland

John N. Link, S.T.D. (1929)

Minister (Retired)
United Methodist Church
Seaford, Delaware

E. McClure Rouzer, LL.B., LL.D. (1952)

Attorney (Retired)
Baltimore, Maryland

HONORARY TRUSTEES

Caroline Wantz Taylor, A.B. (1974)

Alumna and Community Leader
Westminster, Maryland

Charles H. Wahmann (1974)

Chairman of the Board
Wahmann Manufacturing Company
Baltimore, Maryland



Officers of the Board

Chairman: Mr. Preston; *Chairman Emeritus:* Mr. Gill; *Vice Chairman:* Mr. Penn; *Secretary:* Mr. John; *Treasurer:* Mr. Schaeffer

Executive Committee: Chairman: Mr. Preston; Vice Chairman: Mr. Penn, Messrs. Cushen, Fisher, Gill, Hoover, John, Jones, Kiefer, MacLea, Mathias, Mund; *Alumni Visitor:* Mr. Bricker

Finance Committee: Chairman: Mr. Fisher; Secretary: Mr. Schaeffer; Messrs. Bennett, Ellingsworth, Faw, Gill, Hoover, Miles, Mund, Penn, Stewart; *Alumni Visitor:* Mr. Earhart; *Faculty Visitor:* Mr. Stevens

Committee on Degrees and Curriculum: Chairman: Mr. Kiefer; Mr. Barnes; Mrs. Bryson, Messrs. Cushen, Ensor, Jones, Mrs. Peterson, Mr. Ransom; *Alumni Visitor:* Mr. Tankersley; *Faculty Visitors:* Messrs. Alspach, Palmer, Stevens and ex officio McCormick

Buildings and Grounds Committee: Chairman: Mr. MacLea; Vice Chairman: Mr. Mathias; Messrs. Broll, Darner, Firth, Fossett, Mansberger, Schools; *Alumni Visitor:* Mrs. Berends; *Faculty Visitor:* Mr. Alspach

Nominating Committee: Chairman: Mr. Meyls; Messrs. Kiefer, Malkus, Miles, Ransom, Riggin; *Alumni Visitor:* Mrs. Payne

Development Committee: Chairman: Mr. Mund; Mrs. Bryson, Messrs. Cushen, Ellingsworth, Faw, Gill, Hoffman, Hoover, Mansberger, Mathias, Meyls, Penn, Mrs. Peterson, Messrs. Resnick, Rouzer, Schools, Stewart; *Alumni Visitor:* Mr. Urquhart; *Faculty Visitor:* Mr. Palmer

Alumni Visitors to the Board

Ex officio. President, Alumni Association, John O. Seiland, ('51), Randallstown, Md.; *President-Elect,* C. Frazier Scott, ('43), Bethesda, Md.; *Executive Secretary,* Philip E. Uhrig, ('52), Westminster, Md.

Term expires June, 1975. Deloris Hartke Thomas, ('45), Timonium, Md.; R. Peter Urquhart, ('58), Reisterstown, Md.

Term expires June, 1976. Eloise Chipman Payne, ('38), Towson, Md.; Donald E. Tankersley, ('57), Linthicum Heights, Md.

Term expires June, 1977. Brantley Vitek, M.D., ('57), Annandale, Va.; Nancy Caskey Voss, ('54), Denton, Md.

Faculty Visitors to the Board

G. Samuel Alspach, Jr., Assistant Professor of Biology; Melvin D. Palmer, Professor of Comparative Literature; H. Ray Stevens, Associate Professor of English



ADMINISTRATION

Office of the President

Ralph Candler John, B.A., S.T.B., S.T.M., Ph.D., L.H.D., Litt.D., *President*
Bernice Talbott Beard, B.A., *Executive Secretary*

Office of Academic Affairs

William McCormick, Jr., B.S., M.B.A., Ph.D., *Vice President: Dean of Academic Affairs*
Alice Carole Arrieta, B.A., *Executive Secretary*
James Edward Lightner, B.A., A.M., Ph.D., *Director of January Term*

Graduate Studies

Leonard Stanley Bowlsbey, Jr., B.A., M.Ed., Ph.D., *Director of Graduate Studies*
Nancy Lee Lawton, *Executive Secretary*
Britt Melvin Hargraves, B.S., M.S., *Director of Deaf Education*

Registrar

Cora Virginia Perry, B.A., M.L.A., *Registrar*
Hilbert Hughlett Dawkins, Jr., B.A., M.Ed., *Associate Registrar*

Library

George Theodore Bachmann, Jr., B.A., A.M., M.S.L.S., *Librarian*
Eleanor Nace Richwine, B.S., M.S., *Assistant Librarian*
Carol Jean Quinn, B.A., M.A. in L.S., M.A., *Assistant Librarian*

Admissions and Financial Aid

Harry Kenneth Shook, B.A., M.A., Ph.D., *Dean of Admissions and Financial Aid*
Gregory Harrison Getty, B.A., M.Ed., *Associate Director of Admissions and Financial Aid*
Ronald Floyd Athey, B.A., *Assistant to the Director of Admissions*
Mary Kathryn Trzecieski, B.A., *Assistant to the Director of Admissions*

Office of Student Affairs

Calvin Wray Mowbray, Jr., B.A., M.A., *Dean of Student Affairs*
Elizabeth Laidlaw, B.S., M.A., *Associate Dean of Student Affairs*

Infirmary

Daniel Welliver, M.D., *College Physician*
Elinor Collum Dollenger, R.N., *Nurse*
Lucille Ann Perry, R.N., *Nurse*

Residence Halls

Roy Edward Angleberger, B.S., *Head Resident, Rouzer Hall*
John Frank Armstrong, Jr. B.A., *Head Resident, MacLea and Albert Norman Ward Halls*
Annie Blin, B.A., D.F.E. (Diplome de Fin d'Etudes, State Teachers' College of Rennes), C.A.P. (Certificat d'aptitude p  dagogique), *Head Resident, The French House*
JoAnne Bischoff Day, B.A., *Head Resident, Whiteford Hall*
Sandra Leigh Stokes, B.A., *Head Resident, McDaniel Hall*

Office of Business Affairs

Philip Blettner Schaeffer, B.A., *Vice President for Business Affairs and Treasurer*
Robert Adam Layton, *Controller*
Richard Porter Cline, B.A., *Director of Purchasing and Personnel Services*
Mary Rohrer Shoemaker, *Cashier*
Richard Allen Vogel, B.A., *Director of Computer Center*
Eugene Willis, B.A., *Administrative Assistant for Business Affairs*
Preston Strevig Yingling, *Superintendent of Buildings and Grounds*
ArleneHersh MacDonald, *Director of Food Services*
William Patton Rudrow, Jr., B.S., *Manager, Bookstore*
Belle Irene Young, *Postmaster*

Office of Development

James Franklin Ridenour, B.S., M.S., *Vice President for Development*
Joyce Loretta Eyler, *Executive Secretary*
Philip Elwood Uhrig, B.A., M.Ed., *Director of Alumni Affairs*
Gerald Frederick Clark, B.A., M.Ed., *Director of Annual Funds*
Richard Keith Moore, B.A., M.S., *Director of Publications and Publicity*
James Edward Lightner, B.A., A.M., Ph.D., *Federal Liaison Representative*

Office of Dean of Chapel

Ira Gilbert Zepp, Jr., B.A., B.D., Ph.D., *Dean of Chapel*
Louis Thompson, S.D.S., B.A., M.A., *Roman Catholic Chaplain*

Office of Director of Athletics

Richard Allen Clower, B.A., M.S., Ed.D., *Director of Athletics*
Carol Ann Fritz, B.S., M.Ed., *Coordinator of Women's Athletics*

EMERITI

The date in parenthesis following the listing of each person is the date of first appointment with the College.

Administration

Lowell Skinner Ensor, A.B., B.D., D.D., L.H.D., LL.D., *President Emeritus* (1947)

Samuel Biggs Schofield, A.B., A.M., Sc.D., *Dean of Administration and Professor of Chemistry Emeritus; Archivist* (1919)

Carl Lawyer Schaeffer, A.B., B.S.E., *Treasurer Emeritus* (1919)

Martha Eliza Manahan, A.B., *Registrar Emeritus* (1938)

Minnie Marsden Ward, A.B., A.M., *Librarian Emeritus* (1924)

Elizabeth Simkins, A.B., B.S.L.S., A.M.L.S., *Librarian and Professor Emeritus* (1946)

John Donald Makosky, A.B., A.M., Ed.D., Litt.D., *Dean of the Faculty and Professor of English Emeritus* (1934)

Faculty

Maude Gesner, *Professor of Music Emeritus* (1917)

Olive Ruth Russell, A.B., Ph.D., *Professor of Psychology Emeritus* (1949)

Marie Parker, B.S., A.M., *Associate Professor of Physical Education Emeritus* (1929)

Daisy Winnifred Smith, B.S., A.M., *Professor of Home Economics Emeritus* (1938)

Helen Elizabeth Gray, B.S., M.S., *Associate Professor of Home Economics Emeritus* (1938)

Frank Benjamin Hurt, A.B., A.M., *Associate Professor of Political Science Emeritus* (1930)

Joseph William Hendren, A.B., A.M., Ph.D., *Professor of English Emeritus* (1947)

Joseph Clemens Willen, A.B., A.M., *Associate Professor of Modern Languages Emeritus* (1933)

Sara Elizabeth Smith, A.B., A.M., Ed.D., *Professor of Education Emeritus* (1926)

Clyde Allen Spicer, A.B., A.M., Ph.D., *Professor of Mathematics Emeritus* (1929)

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

Kathryn Belle Hildebran, A.B., A.M., Ph.D., *Professor of Modern Languages Emeritus* (1940)

Evelyn Wingate Wenner, A.B., A.M., Ph.D., *Professor of English Emeritus* (1931)

Esther Smith, *Associate Professor of Dramatic Art Emeritus* (1926)

Ervin Lajos Szilagyi, LL.B., B.S., Jur.D., B.F.A., *Assistant Professor of the History of Art Emeritus* (1957)

Mary Louise Shipley, A.B., *Associate Professor of Art Emeritus* (1938)

Theodore Marshall Whitfield, A.B., Ph.D., *Professor of History Emeritus* (1929)

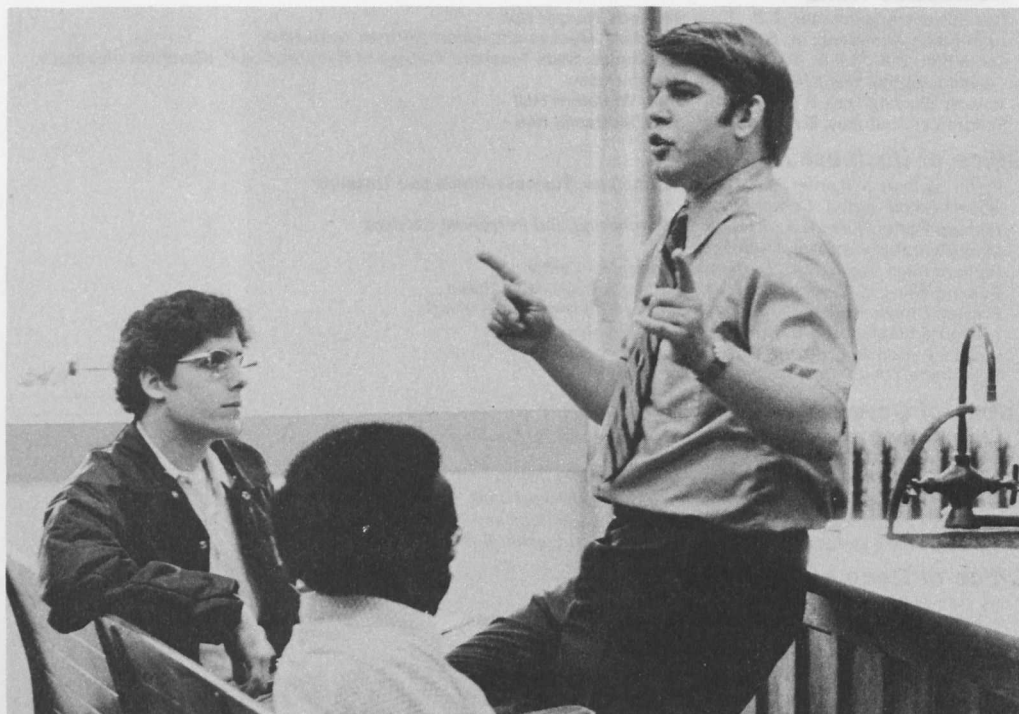
James Pearsall Earp, B.S., A.M., Ph.D., *Professor of Sociology Emeritus* (1938)

William Robbins Ridington, A.B., A.M., Ph.D., *Professor of Classics Emeritus* (1938)

Oliver Kingsley Spangler, A.B., B.Mus., B.S. in P.S.M., M.Mus., *Associate Professor of Music Emeritus* (1938)

Harwell Presley Sturdivant, B.S., A.M., Ph.D., *Professor of Biology Emeritus* (1948)

Theron Barker Thompson, B.C.E., B.S., Ed.M., C.A.G.S., Ed.D., *Associate Professor of Education Emeritus* (1961)



FACULTY

William Thomas Achor, *Professor of Physics*

B.S., Auburn University; M.S., Ph.D., Vanderbilt University, post doctoral studies, The Johns Hopkins University. (1965)

George Samuel Alspach, Jr., *Assistant Professor of Biology*

A.B., Antioch College; M.S., Ph.D., Oregon State University. (1969)

Franklin Glendon Ashburn, *Associate Professor of Sociology*

B.A., Western Maryland College; M.S., University of North Carolina at Raleigh; Ph.D., The Florida State University. (1971)

George Theodore Bachmann, Jr., *Librarian, Associate Professor of Library Science*

B.A., M.A., University of Maryland; M.S.L.S., The Catholic University of America. (1970)

Marjie Lynn Baker Baughman, *Assistant Professor of History of Art*

A.B., Wilson College. (1970)

Richard Cassell Baughman, *Lieutenant Colonel, Infantry, Professor of Military Science*

B.S., U.S. Military Academy; M.A., Vanderbilt University. (1973)

Lynda Carol Beemer, *Assistant Professor of Education*

B.S., Campbellsville College; M.A., University of Kentucky; Ed.D., University of Maryland. (1972)

Robert Philip Boner, *Assistant Professor of Mathematics*

A.B., Rockhurst College; A.M., Indiana University; Ph.D., University of Notre Dame. (1970)

Leonard Stanley Bowsbey, Jr., *Professor of Education*

B.A., M.Ed., Western Maryland College; Ph.D., The University of Iowa. (1969)

Michael Mathison Brown, *Associate Professor of Biology*

B.S., Lebanon Valley College; Ph.D., University of Delaware; post-doctoral studies, Colorado State University. (1968)

Hans-Peter F. G. Büttner, *Assistant Professor of Modern Languages*

B.A., Grove City College; M.S., Georgetown University. (1968)

James Richard Carpenter, Jr., *Instructor in Physical Education*

B.S., West Virginia Wesleyan College; M.Ed., Western Maryland College. (1969)

Howard Samuel Case, *Associate Professor of Physical Education*

B.S., M.Ed., Western Maryland College, Ph.D., The Ohio State University. (1965)

William Francis Cipolla, *Assistant Professor of Modern Languages*

A.B., University of Pennsylvania; A.M., Ph.D., The Johns Hopkins University. (1969)

Richard Allen Clower, *Professor of Physical Education*

A.B., Western Maryland College; M.S., Springfield College; Ed.D., West Virginia University. (1956)

Eulalia Benejam Cobb, *Assistant Professor of Modern Languages*

B.A., Birmingham-Southern College; M.A., University of North Carolina; Ph.D., University of Alabama. (1974)

Ann Harper Coffey, *Assistant Professor of Economics*

A.B., Randolph-Macon Woman's College. (1968)

Gerald Edward Cole, *Professor of Music*

B.Mus., University of Kansas; M.Mus., Oberlin College. (1955)

Joan Diane Coley, *Assistant Professor of Education*

A.B., Albright College; M.Ed., Ph.D., University of Maryland. (1973)

Stephen Wheeler Colyer, *Assistant Professor of Psychology*

A.B., Gettysburg College; M.A., Ph.D., Temple University. (1970)

Charles Edward Crain, *Professor of Religion*

(On sabbatical leave, second semester, 1974-1975)

B.A., Asbury College; B.D., Ph.D., Drew University; post doctoral studies, Cambridge University, University of Tübingen. (1949)

David Ralston Cross, *Professor of Chemistry*

B.A., M.A., Wesleyan University; Ph.D., Syracuse University; post doctoral studies, Brandeis University, Case Western Reserve University. (1964)

Cornelius Paul Darcy, *Associate Professor of History*

B.A., Bowdoin College, M.A. Harvard University; Ph.D. Columbia University; post doctoral studies, University of Maryland, Great Britain. (1963)

William Morris David, Jr., *Professor of Political Science*

A.B., Dartmouth College; M.A., Ph.D., Columbia University; post doctoral studies, University of Pennsylvania, Virginia Polytechnic Institute. (1952)

-
- James Robert Davis, *Assistant Professor of Education*
B.S., Mansfield State College; M.S., Alfred University; Ed.D., New Mexico State University. (1971)
- Jacques Theophile Derasse, *Assistant Professor of Modern Languages*
Baccalauréat ès Lettres de Lille; Certificat d'Aptitude Pédagogique de Lille; Licence de l'Académie de Paris. (1963)
- Carl Leo Dietrich, *Assistant Professor of Music*
B.Mus., M.Mus., Peabody Conservatory of Music. (1967)
- Max Wesner Dixon, *Assistant Professor of Dramatic Art*
B.A., DePauw University; M.A., University of Colorado. (1969)
- Lowell Reid Duren, *Associate Professor of Mathematics*
B.S., Southwestern State College; M.S., University of Oklahoma; Ph.D., The Ohio State University. (1968)
- Mary Ellen Elwell, *Assistant Professor of Sociology*
B.A., Western Maryland College; M.S.W., University of Pennsylvania. (1969)
- Linda Ruth Eshleman, *Assistant Professor of Mathematics*
(On leave of absence, 1974-1975)
B.S., Florida State University; M.A., Bowdoin College. (1969)
- Theodore Evergates, *Assistant Professor of History*
A.B., Brown University; Ph.D., The Johns Hopkins University. (1973)
- Charles Roy Fender, *Assistant Professor of Art*
B.A., Colorado State University; M.A., M.F.A., The Ohio State University. (1971)
- Carol Ann Fritz, *Assistant Professor of Physical Education*
B.S., West Chester State College; Ed.M., Western Maryland College. (1967)
- Leonard Earl Griswold, *Professor of Sociology*
A.B., The Johns Hopkins University; A.M., Ph.D., University of Kentucky; post doctoral studies, University of Hawaii. (1956)
- Britt Melvin Hargraves, *Assistant Professor of Education*
B.S., M.S., University of Utah. (1970)
- Robert Hill Hartman, *Associate Professor of Philosophy and Religion*
A.B., Oberlin College; S.T.B., Boston University; Ph.D., Northwestern University. (1969)
- Howard Rudolph Haynes, *Major, Military Intelligence, Assistant Professor of Military Science*
B.A., University of Richmond; M.Ed., Western Maryland College. (1974)
- Arlen Heggemeier, *Professor of Music*
B.Mus., Oberlin Conservatory; Teacher's Certificate, Diller-Quaille School of Music; M.Mus., Oberlin Conservatory; D.Mus., Northwestern University. (1950)
- Evelyn Smith Hering, *Assistant Professor of Music*
B.Mus., Wesleyan College; M.Mus., Eastman School of Music. (1951)
- David Webb Herlocker, *Associate Professor of Chemistry*
B.A., Knox College; M.S., Ph.D., University of Illinois; post doctoral studies, The Ohio State University. (1966)
- Charles Chapman Herrman, Jr., *Assistant Professor of Sociology*
B.I.E., Georgia Institute of Technology; B.D., Emory University; M.A., Ph.D., University of Virginia. (1974)
- Fern Rudolph Hitchcock, Jr., *Assistant Professor of Physical Education*
B.A., Western Maryland College; M.Ed., University of Maryland. (1962)
- Julia Taylor Hitchcock, *Instructor in Music*
B.Mus.Ed., B.Mus., Oberlin Conservatory (1960)
- Reuben Simon Henry Holthaus, *Professor of Philosophy*
A.B., Morningside College; A.M., S.T.B., Ph.D., Boston University; post doctoral studies, University of New Mexico, University of Hawaii, Japan. (1946)
- Allen Southworth Ingalls, Jr., *Captain, Infantry, Assistant Professor of Military Science*
B.A., Western Maryland College; M.Ed., Frostburg State College. (1974)
- Donald Eugene Jones, *Associate Professor of Chemistry*
A.B., Manchester College; Ph.D., Purdue University; post doctoral studies, Purdue University. (1963)
- Ronald Floyd Jones, *Associate Professor of Physical Education*
B.S., Ed.M., Western Maryland College. (1962)
- Jean Kerschner, *Professor of Biology*
A.B., Hood College; Ph.D., University of Pennsylvania; post doctoral studies, Columbia University, Williams College, The Johns Hopkins University. (1952)

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- Elizabeth Laidlaw, *Associate Dean of Student Affairs, Instructor*
B.S., A.M., Michigan State University. (1966)
- Alton Dennis Law, *Associate Professor of Economics*
B.S., M.S., West Virginia University; Ph.D., Rutgers University; postdoctoral studies, University of Virginia. (1966)
- Robert West Lawler, *Assistant Professor of English*
B.A., University of Illinois; M.A., Ph.D., Claremont Graduate School. (1968)
- Ralph Brooks Levering, *Assistant Professor of History*
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., Princeton University. (1972)
- James Edward Lightner, *Associate Professor of Mathematics*
A.B., Western Maryland College; A.M., Northwestern University; Ph.D., The Ohio State University. (1962)
- Wilbur Lee Long, *Assistant Professor of Biology*
B.S., Towson State College; Ph.D., Dartmouth College. (1973)
- William McCormick, Jr., *Vice President: Dean of Academic Affairs and Professor of Economics*
B.S., M.B.A., Indiana University; Ph.D., Case Western Reserve University. (1973)
- Ivan Emerson Magee, Jr., *Major, Armor, Assistant Professor of Military Science*
B.G.S., University of Nebraska. (1973)
- Edmund Eugene Makosky, *Instructor in Physics*
A.B., Western Maryland College; A.M., University of Delaware. (1965)
- William Gene Miller, *Professor of Psychology*
A.B., West Virginia Wesleyan College; M.Div., Wesley Theological Seminary; Ph.D., Boston University; post doctoral studies, Harvard University, Washington School of Psychiatry; Mendocino State Hospital, Talmadge, California; Gestalt Therapy Institute, San Francisco. (1962)
- Calvin Wray Mowbray, Jr., *Dean of Student Affairs*
B.A., Western Maryland College; A.M., The American University. (1969)
- Alexander George Ober, *Instructor in Physical Education*
B.A., M.Ed., Western Maryland College. (1969)
- Howard Bernard Orenstein, *Assistant Professor of Psychology*
B.A., Hunter College of CUNY; M.A., Ph.D., University of Cincinnati. (1971)
- Wasyl Palijczuk, *Associate Professor of Art*
B.A., M.A., University of Maryland; M.F.A., The Maryland Institute College of Art. (1967)
- Melvin Delmar Palmer, *Professor of Comparative Literature*
B.A., M.A., Ph.D., University of Maryland. (1965)
- Leroy Lad Panek, *Associate Professor of English*
B.A., Marietta College; M.A., Lehigh University; Ph.D., Kent State University. (1968)
- Donald Leo Patrick, *Assistant Professor of Education*
B.S., Towson State College; M.Ed., Western Maryland College. (1966)



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- Raymond Clarence Phillips, Jr., *Professor of English*
A.B., Dickinson College; M.A., Columbia University; Ph.D., University of Pennsylvania. (1963)
- Ralph Bevere Price, *Professor of Economics*
B.A., M.A., Ph.D., University of Colorado; post doctoral studies, London School of Economics, American Institute of Indian Studies. (1954)
- Carol Jean Quinn, *Assistant Librarian, Instructor*
B.A., University of Florida; M.A., University of Minnesota; M.A., University of Florida. (1972)
- Donald Robert Rabush, *Assistant Professor of Education*
B.A., M.Ed., Western Maryland College; Ed.D., University of Denver. (1973)
- Eleanor Nace Richwine, *Assistant Librarian, Instructor*
B.S.Ed., Shippensburg State College; M.S., Simmons College School of Library Science. (1970)
- Keith Norton Richwine, *Professor of English*
B.S.Ed., Shippensburg State College; M.A., Pennsylvania State University; Ph.D., University of Pennsylvania; post doctoral studies, Harvard University. (1962)
- Georgina Sabat Rivers, *Professor of Modern Languages*
Diploma, Professor de Idioma Frances, Universidad de Oriente, Santiago de Cuba; Certificat d'Etudes de Langue et Civilisation Francaises, Universite de Paris, Sorbonne, France; A.M., Ph.D., The Johns Hopkins University. (1963)
- Harry Lewis Rosenzweig, *Assistant Professor of Mathematics*
B.S., Massachusetts Institute of Technology; M.S., University of Arizona; Ph.D., University of Virginia. (1971)
- Isabel Thompson Isanogle Royer, *Professor of Biology*
A.B., B.E., M.A., University of Cincinnati; Ph.D., The Ohio State University; post doctoral studies, University of Colorado. (1942)
- Robert William Sabora, *Instructor in English*
B.A., University of Illinois; M.A., University of Connecticut. (1971)
- Ethan Abba Seidel, *Assistant Professor of Economics*
B.A., The Johns Hopkins University; M.B.A., Wharton Graduate School, University of Pennsylvania. (1969)
- Judith Kaldenberg Seymour, *Visiting Assistant Professor of Mathematics*
B.A., University of Northern Iowa; M.S., Ph.D., University of Illinois Urbana.
- Harry Kenneth Shook, *Dean of Admissions and Financial Aid, Assistant Professor*
B.A., Western Maryland College; M.A., Wesleyan University; Ph.D., University of Maryland. (1958)
- Herbert Charles Smith, *Assistant Professor of Political Science*
B.A., Ursinus College; M.A., The Johns Hopkins University. (1973)
- Richard Hilton Smith, Jr., *Assistant Professor of Chemistry*
B.S., Washington College; Ph.D., University of Virginia. (1971)
- Harold Ray Stevens, *Associate Professor of English*
B.A., Western Maryland College; Ph.D., University of Pennsylvania. (1966)
- Ronald Keith Tait, *Assistant Professor of Sociology*
B.A., M.A., University of Delaware. (1968)
- William Livingston Tribby, *Associate Professor of Dramatic Art*
B.A., Western Maryland College; A.M., Ph.D., The University of Iowa. (1958)
- McCay Vernon, *Professor of Psychology*
B.A., University of Florida; M.S., Gallaudet College; M.A., Florida State University; Ph.D., Claremont Graduate School. (1969)
- Richard Allen Vogel, *Director of Computer Processing, Instructor*
A.B., The Johns Hopkins University. (1967)
- Robert Joseph Weber, *Associate Professor of Political Science*
B.S., University of Wisconsin-Milwaukee; M.A., Ph.D., University of Maryland. (1969)
- Samuel L. Weinfeld, *Assistant Professor of Dramatic Art*
A.B., Miami University; A.M., Indiana University. (1970)
- Joan Rita Weyers, *Assistant Professor of Physical Education*
B.S., Wisconsin State College at La Crosse; Ed.M., University of North Carolina at Greensboro. (1963)
- Daniel Anthony Williams, *Assistant Professor of Modern Languages*
B.A., University of Maryland; M.A., Ph.D., The Johns Hopkins University. (1972)
- Grayson Frederick Winterling, *Captain, Field Artillery, Assistant Professor of Military Science*
B.A., M.Ed., Western Maryland College. (1972)

Christian L. Wittwer, *Instructor in Dramatic Art*

B.A. Emory and Henry College; M.F.A., University of Georgia. (1973)

Peter Demerton Yedinak, *Associate Professor of Physics*

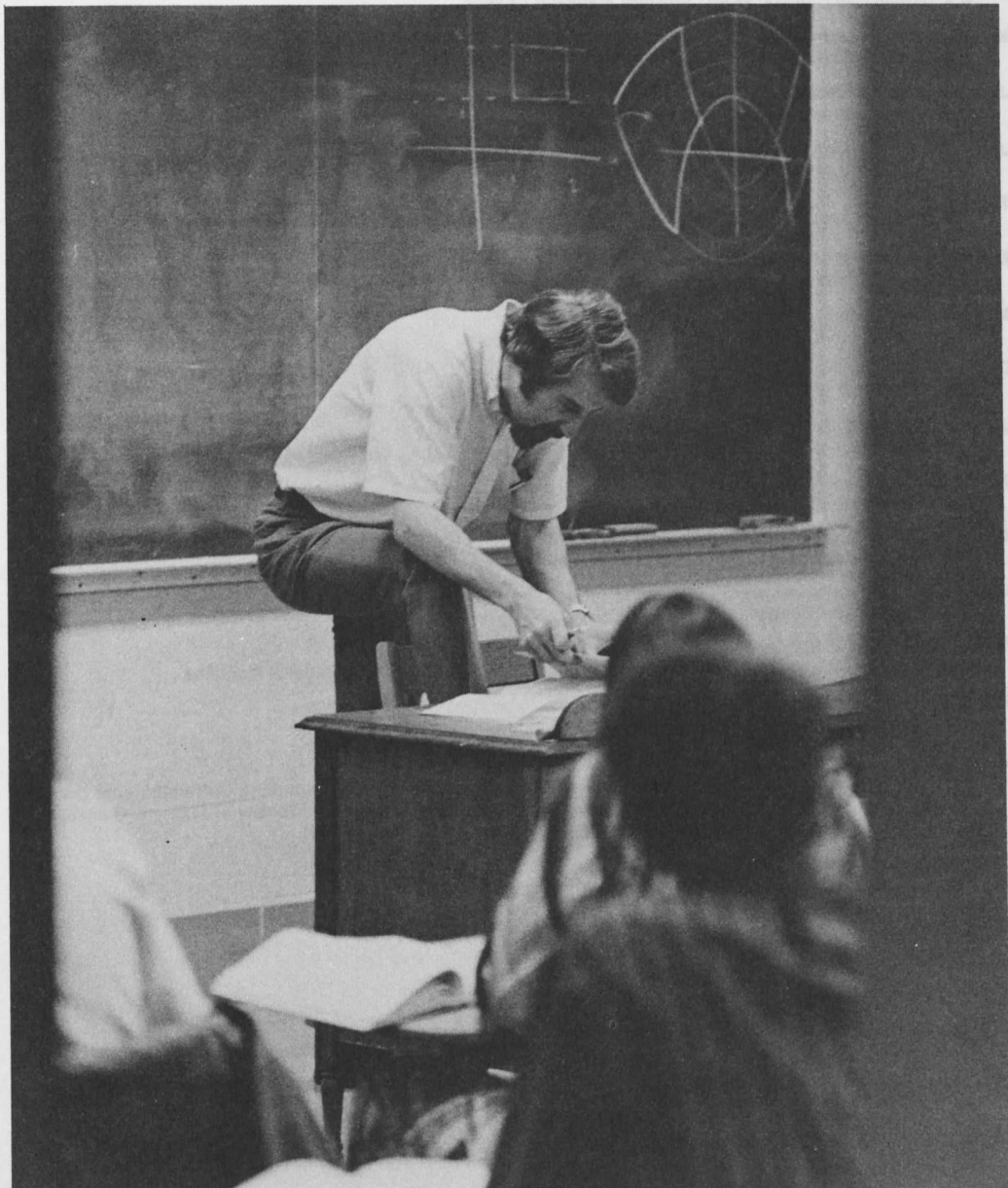
B.S., Union College; A.M., Ph.D., Clark University. (1967)

Donald Richard Zauche, *Assistant Professor of Modern Languages*

B.A., Western Maryland College; M.A., Northwestern University. (1965)

Ira Gilbert Zepp, Jr., *Dean of the Chapel and Associate Professor of Religion*

B.A., Western Maryland College; B.D., Drew Theological Seminary; Ph.D.,
St. Mary's Seminary and University; (1963)



Adjunct Faculty

Mary Ann Ashcraft Alspach, *Laboratory Assistant*
A.B., Wilson College.

Sharon Spangler Belt, *Laboratory Assistant*
B.A., Western Maryland College.

William Michael Bill, *Lecturer in Music*
Peabody Conservatory of Music.

Olga Bloecher Brunner, *Lecturer in Music*
B.Mus.Ed., Oberlin College; M.A., Columbia University.

Sheila Elizabeth Büttner, *Lecturer in German*
B.A., Grove City College; M.Ed., Western Maryland College.

Katharine Harter Clower, *Lecturer in Physical Education*
B.S., Towson State College; M.Ed., Western Maryland College.

Jacqueline Emma Derasse, *Lecturer in French*
Baccalauréat ès Lettres, Académie de Paris; Certificat d'Aptitude Pédagogique, Académie de Paris.

Judith Clower Galloway, *Lecturer in Physical Education*
B.A., University of Maryland.

Richard John Kent, Jr., *Lecturer in History*
B.A., Loyola University of Los Angeles; M.A., The Johns Hopkins University.

Madeline Bergerova Long, *Lecturer in German and Russian*
Charles University of Prague, Gettysburg College, The Johns Hopkins University, Middlebury College.

Medora Myers Lynn, *Lecturer in Physical Education*
Certificate, Cecchetti Council of America.

Dianne Briggs Martin, *Lecturer in Computer Science*
B.A., Western Maryland College; M.S., University of Maryland.

James P. Ostrynec, *Lecturer in Music*
B.M., University of Louisville; M.F.A., University of Hawaii; D.M.A., University of Michigan.

Nancy Baugh Palmer, *Lecturer in English and Comparative Literature*
B.S., Western Kentucky University; M.A., University of Maryland.

Susan Phoebus Panek, *Lecturer in English*
B.A., Western Maryland College; M.A., University of Pennsylvania.

Carol Galbreath Poole, *Lecturer in German*
B.A., Westminster College.

Mary Valedia Reed, *Adjunct Associate Professor of Biology*
A.B., Goucher College; M.A., Smith College; Ph.D., University of Maryland School of Medicine.

Edith Farr Ridington, *Lecturer in History*
A.B., Mount Holyoke College; A.M., University of Pennsylvania.

William Robbins Ridington, *Professor of Classics Emeritus*
A.B., A.M., Princeton University; Ph.D., University of Pennsylvania; A.M., Columbia University; post doctoral studies, American School of Classical Studies, Athens, Greece; The Vergilian Society of America, Cumae, Italy; University of Birmingham, England; The Aegean Institute, Poros, Greece. (1938)

David Albert Robinson, *Lecturer in Music*
B.M., Heidelberg College; Ed.M., University of Maryland

Carol Baker Sabora, *Lecturer in English*
B.A., Cornell University; M.A., University of Connecticut.

Mary Lee Younger Schmall, *Laboratory Assistant*
B.A., Western Maryland College.

Oliver Kingsley Spangler, *Associate Professor of Music Emeritus*
A.B., B.Mus., Otterbein College; M.Mus., Peabody Conservatory of Music. (1938)

John Harlan Van Hart, *Lecturer in Dramatic Art*
B.A., Western Maryland College

Gladys Bertila Zaldivar, *Lecturer in Spanish*
B.A., Institute of Secondary Education, Camaguey, Cuba; Ped.D., University of Havana; Certificate, Institute of Hispanic Culture, Madrid, Spain.

General Information



Endowed Annual Awards

Each year the college grants a number of annual awards to outstanding students. These awards have been created through the years by interested alumni and friends.

The John A. Alexander Medal: Endowed by the Class of 1917 in memory of John A. Alexander, '17, awarded to the member of the graduating class with the best record in athletics.

The Lynn F. Gruber Medal: Endowed by the Black and White Club (now Phi Delta Theta fraternity) as a memorial to Lynn F. Gruber, '26, given for proficiency in extra curricular activities.

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, '53, 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 by his or her development on the Hill 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 M. Louise Shipley Art Award of Excellence: Given to the outstanding graduating senior art major, the award recognizes the services of the long-time chairman of the Art Department.

The Esther Smith Award: Given annually at Commencement to a graduating senior who during four years at W.M.C. 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 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., of the Class of 1945, who was killed in World War II while serving with the armed forces in Germany.

The H. P. Sturdivant Biology Award: Awarded to the outstanding senior biology major, established in 1973 at the retirement of Dr. Sturdivant as chairman of the Biology Department.

The United States History Award: Established through a bequest of Mr. H. Peyton Gorsuch for students excelling in United States history.

The Michael L. Waghelstein Memorial Award: To that male 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, '67, who, during his student days and as a Regular Army officer, demonstrated and was recognized for these characteristics.

The Barry A. Winkelman Memorial Award: Granted to a male 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, '55, who was an Army pilot at the time of his death.

The Bates Prize: In memory of Rev. Laurence Webster Bates, D.D., is a gold medal awarded to the member of the graduating class who has made the best record during the undergraduate course as a college man.

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, is a gold medal awarded to the member of the graduating class who has made the best record during her undergraduate course as a college woman.

Endowed Scholarships

The college makes an effort to aid the financial needs of students accepted in good standing at Western Maryland College. The following is a list of endowed scholarships which have been created over the years to assist WMC students. Full information on these scholarships is available at the Financial Aid Office.

The William G. Baker, Jr., Scholarship Fund: Established as a memorial to Mr. William G. Baker, Jr., for many years a devoted trustee of the College.

The William W. Chase Scholarship: Established by the late William W. Chase, M.D., of the Class of 1923.

The Joseph Englar Scholarship Fund: Established under a bequest of the late Joseph Englar, a trustee of the College from 1897 until his death in 1924. The income from this fund is to be used to assist needy students in pursuing their education.

The Lowell S. Ensor Scholarship Fund: Established by faculty, students, alumni, and friends to honor Dr. Ensor at the time of his retirement in 1972 as president of the College.

The Page Etchison Memorial Scholarship: Established by the Organized Bible Class Association, of Washington, in memory of Mr. Page McKendree Etchison.

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 is to assist a student in preparing for the Christian ministry.

The Eleanor B. Gaither Memorial Scholarship Fund: Established under the wills of Mr. and Mrs. James H. Gaither in memory of their daughter who was a member of the Class of 1940.

The Alvey Michael Isanogle Scholarship: To a student with a true interest in academic pursuits as witnessed by both attitude and scholastic achievement. Created in memory of Dr. Isanogle, longtime Dean of the School of Education.

The Philip J. and Doris L. Jenkins Scholarship Fund: Established by Mr. and Mrs. Jenkins in 1974, this fund provides scholarship assistance to five to ten students each year.

The Florence Johnson Memorial Fund: Established by Mrs. George S. Johnson in memory of her daughter 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 by the bequest of Prof. Harry C. Jones, a scholarship is awarded to two seniors, one in the Chemistry Department and one in the Physics Department.

The Emma Bowen Kistler Scholarship Fund: Established by her sister in memory of Emma Bowen Kistler of the Class of 1897.

The Lee Scholarship Fund: Through a bequest of Miss Grace Lee.

The Eva L. Lewis Memorial Fund: Established under the will of Dr. E. Ralph Lewis, awarded to a pre-ministerial student for his junior and senior years. The award is made by the College on the basis of academic ability, qualification for the Christian ministry, and financial need.

The Frank C. Marino Scholarship: Under the provisions of this contribution \$250.00 is available annually to give scholarship aid to needy and deserving students. No discrimination is to be made against any person because of his religious faith.

The Mund Scholarship: Established by Dr. and Mrs. Allan W. Mund. Dr. Mund was acting president of Western Maryland College during 1970.

The James L. Nichols Scholarship Fund: Established by Mrs. Laura Wilson Nichols as a memorial to her late husband, The Rev. James L. Nichols, of the Class of 1925, and a former pastor of the Westminster Methodist Protestant Church. The scholarship is to be used to assist a worthy student who is preparing 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, who was a trustee of the College from 1929 to 1947.

The Lewis C. Radford Memorial Scholarship Fund: Established in memory of Dr. Lewis C. Radford, of the Class of 1916, by his friends, family, and classmates.

The Agnes B. and Harry D. Schreck Memorial Scholarship: Established by family and friends in 1969.

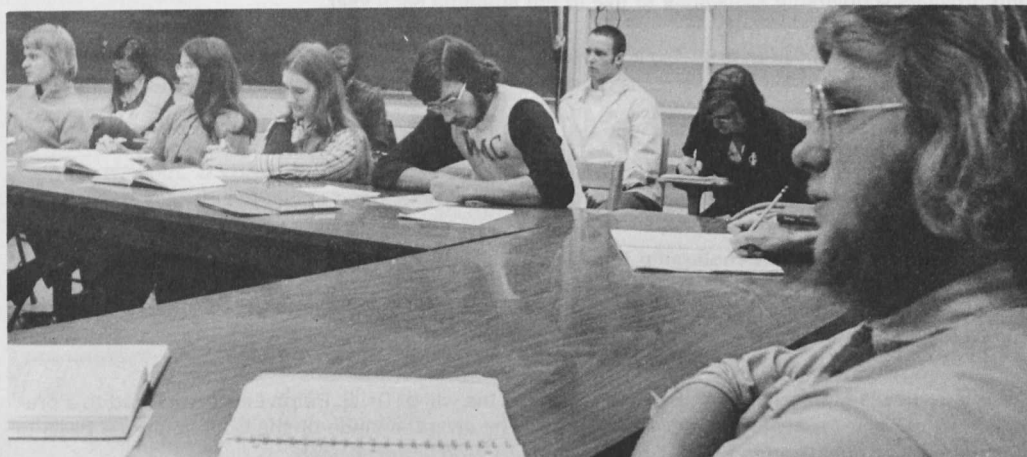
The Stone Scholarships: The will of Harvey A. Stone provides that the income from the property he bequeathed to the College shall be applied to the education of male students at Western Maryland College who may be pursuing a course preliminary to entering upon a theological course.

The G. Frank Thomas Scholarship Fund: In memory of Mr. Thomas who graduated from Western Maryland College in 1908 and was a trustee from 1951-1965.

The Margaret Wappler Memorial Scholarship for Applied Music: Established by the Omicron Eta Chapter of Delta Omicron, this scholarship of \$75.00 is awarded annually to an upperclass music major making a significant contribution to music on the Hill.

The W. Edwin Warfield Memorial Scholarship: 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 College who died in action during World War II.

The William R. Winslow Scholarship Fund: The income from this fund provides three full tuition scholarships. It is the further stipulation of the donor that the recipient of the scholarship must be willing to earn money to pay for his room and board.



Other Funds

Within the endowment of Western Maryland College are a number of funds that have been donated by alumni and friends to support the financial strength of the college. Such contributions provide library acquisitions, income, student loan funds, and various discretionary funds. Many of these funds have been given as memorials.

The F. Murray Benson Memorial Fund

The Dunning Memorial Fund

The John T. and Birdie S. Ensor Memorial Fund

The Margaret Reisler Kishbaugh Memorial Fund

The Sally Bridges Meyls Memorial Fund

The Oscar Lafayette Morris Library Memorial Fund: By the will of Oscar Lafayette Morris, the College came into possession of a bequest which has been set apart as a special endowment for the library.

The Col. Harry A. Patterson Memorial Fund

The Duane L. Peterson Memorial Fund

The William Ridington Library Fund

The Frank E. Shipley Memorial Fund

The Laura F. Stalnaker Scholarship Loan Fund: Established in memory of Miss Laura F. Stalnaker of the 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 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 Religion.

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 Whitfield History Scholarship Fund

The Jacob O. Williams Memorial Fund

The Mr. and Mrs. William R. Woodfield, Sr., Fund

DEGREES CONFERRED IN 1973

Bachelor of Science

Patricia Vandegrift Baker
Deborah Ann Barnes, *summa cum laude*
Wilson Rush Bowers
Deborah Lee Buck
Allen Clayton Cadwallader
Janet Ellen Burr Conley, *cum laude*
Joan Frances D'Andrea
Julia Ann Dawson
Elizabeth Edith Eife
Lawrence Martin Garro
Richard Alan Hartung
Odd Erling Haugen, *cum laude*
Edward Charles Hogan
Leslie Ann Hohn
Donald George Hohwieler
Susan Ward Horner
Edith Louise Bower McCabe
Jennifer Ann Mapes
Walter Bertram Orndorff, Jr.
Linda Anne Plowman
Karen Lisa Rinehimer
Monika Sigrid van der Berg, *summa cum laude*
Kathryn Marie Walter
Jane Ellen Watts
Cheryl Lynn Welch, *summa cum laude*
Margaret Ann Wright, *cum laude*

Bachelor of Arts

Jeffrey Reed Abbott
Robert Douglas Agee
Brian Frederick Alles
Larry Thomas Anderson
Lawrence William Appel
John Frank Armstrong, Jr.
Wayne Louis Backes
Alan Page Baker
Patricia Ann Baker
Thomas Robert Barnes
Jeannette Marie Beauchamp
Janice Elaine Becker, *cum laude*
Alan Richard Beer
Debbie Gene Bell, *summa cum laude*
Lucille Grimm Berry
Thomas Henry Blair, *cum laude*
Debra Allison Blount
Thomas Russell Botts
Cheryl Catherine Boyd
Joan Louise Breeding
Susan Whyte Britton
 Sylvia Jeanette Brokos, *cum laude*
John Kenneth Brownley, Jr.
Robert Martin Buchanan
Deborah Ann Byron, *cum laude*
Catherine Ellen Campbell, *summa cum laude*
Thomas Carlyle Carrico, Jr.
Joseph Lyal Carter, Jr., *cum laude*
Pete John Chambers
Gail Lynn Chance
Joanne Chatham
Linda Diane Chenoweth
Cynthia April Climie
Michael Wayne Coons
Zane Elliott Cory, Jr.
Suzanne Elizabeth Councilor
John Walter Crooms, Jr.
Thomas Leonard Danver
Ronald J. Davidson

Aberdeen, Md.
Oxon Hill, Md.
Westminster, Md.
Rising Sun, Md.
Silver Spring, Md.
Gettysburg, Pa.
Baltimore, Md.
Verona, N. J.
Towson, Md.
Newton Falls, Ohio
Secane, Pa.
Sunndalsora, Norway
Westminster, Md.
East Norwalk, Conn.
Morrisville, Pa.
Pocomoke City, Md.
Westminster, Md.
Timonium, Md.
Cumberland, Md.
Cockeysville, Md.
Baltimore, Md.
Catonsville, Md.
Baltimore, Md.
Bel Air, Md.
Severna Park, Md.
Moorestown, N. J.

Wilmington, Del.
Glen Burnie, Md.
Flemington, N. J.
Upper Marlboro, Md.
Phoenix, Md.
Frostburg, Md.
Hagerstown, Md.
Olney, Md.
Salisbury, Md.
W. Hartford, Conn.
Georgetown, Del.
Baltimore, Md.
Baltimore, Md.
Baltimore, Md.
Sykesville, Md.
Owings, Md.
Bel Air, Md.
Millersburg, Pa.
Baltimore, Md.
Wittman, Md.
Harrington Park, N. J.
Baltimore, Md.
Silver Spring, Md.
Baltimore, Md.
Ellicott City, Md.
Glen Burnie, Md.
La Plata, Md.
Ellicott City, Md.
Baltimore, Md.
Crofton, Md.
Salisbury, Md.
Upperco, Md.
Ocean City, N. J.
Hagerstown, Md.
Neptune, N. J.
Bethesda, Md.
Baltimore, Md.
Kensington, Md.
Pennsauken, N. J.



JoAnne Cordes Bischoff Day
 Robert Joseph Decker, Jr.
 James Henry Deviese
 Kathryn Joann Donnelly
 David Preston Downing
 Teresa Elizabeth Doyle
 Randal Marc Draper
 Carolyn Sue Edwards, *cum laude*
 Glenn Edward English
 Carol Marie Ensor
 Claire Lynn Euker
 Kendall Reese Faulkner, *summa cum laude*
 Frank Hopkins Fields
 Dorothy Susan Fleming
 Carol Ann Foster, *summa cum laude*
 Grayson Michael Foster
 Lonnie Hammett Frank, *cum laude*
 Steven Payne Garrison
 Keith Kenneth Geiger
 Patricia Ann Gellner
 Gail Louise Gill
 Ronnie Marc Goldberg
 Kent Howard Gompert
 William Stran Gossard, *summa cum laude*
 Ellen Louise Gould, *cum laude*
 Richard Thomas Gould
 John Charles Graber, Jr.
 Caroline Eleanor Graham, *summa cum laude*
 Mitchell Benson Graham
 Patricia Meehan Gravatt
 Kathleen Annise Grist, *cum laude*
 Gretchen Maron Groth
 George Stephen Gumann, Jr.
 Adele Elizabeth Gunn
 Richard Emrey Hall
 Gregory Keith Hare
 Arthur William Harris
 Patricia Ann Herold
 Henry Walker Heuer
 Frances Louise Hiltner, *cum laude*
 Howard Coblentz Hines, *summa cum laude*
 Linda Marie Vaughan Hirsch
 Dennis Arthur Hodge
 Jerri Anne Hopkins
 Richard August Houck, Jr.
 Sharon Diane Hughes
 Robert Wyatt Jacobs
 Ronald Renomer Weaver Jemmerson, *cum laude*
 Thomas Joseph Jerbi
 John Michael Johnson, *summa cum laude*
 Anita Elizabeth Jones, *summa cum laude*
 Jeffrey Wendover Jones
 Margaret Louise Jones
 Gary Paul Kalber
 Joan Rudrow Kaplan, *cum laude*
 Jeffrey John Karr
 William George Kazer, Jr.
 Myra Lynn Keigler, *summa cum laude*
 Mary Elizabeth Kelly
 Steven Kelly
 Stephen Robert Kettelis
 Robert Coburn Kingsbury, Jr.
 Jay Allen Kintzing
 Barbara Ann Kristiansen
 John Winant Landon
 Margaret Deborah Lang, *cum laude*
 Sharley Lee
 Bernard Harrison Leitch
 Janet Lee Leitzel

Hampstead, Md.
 Baltimore, Md.
 Bowie, Md.
 Baltimore, Md.
 Delmar, Md.
 Baltimore, Md.
 Frederick, Md.
 Riviera Beach, Md.
 Scotch Plains, N. J.
 Forest Hill, Md.
 Baltimore, Md.
 Baltimore, Md.
 Salisbury, Md.
 Frederick, Md.
 Rockville, Md.
 Baltimore, Md.
 Prince Frederick, Md.
 Catonsville, Md.
 Chatham, N. J.
 Hanover, Pa.
 Reisterstown, Md.
 Baltimore, Md.
 Closter, N. J.
 Salisbury, Md.
 Baltimore, Md.
 Wheaton, Md.
 Baltimore, Md.
 Salisbury, Md.
 Baltimore, Md.
 Baltimore, Md.
 Baltimore, Md.
 New Britain, Conn.
 Somers Point, N. J.
 Silver Spring, Md.
 Rising Sun, Md.
 Westminster, Md.
 Silver Spring, Md.
 Baltimore, Md.
 Plymouth Meeting, Pa.
 Baltimore, Md.
 Brookeville, Md.
 Westminster, Md.
 Relay, Md.
 Edgewater, Md.
 Westminster, Md.
 Swedesboro, N. J.
 Sherwood Forest, Md.
 Westminster, Md.
 Phoenix, Md.
 Mt. Eaton, Ohio
 Baltimore, Md.
 Rockville, Md.
 Huntingtown, Md.
 Magnolia, N. J.
 Baltimore, Md.
 Baltimore, Md.
 Ellicott City, Md.
 Towson, Md.
 Baltimore, Md.
 Point Pleasant Beach, N. J.
 Norristown, Pa.
 Seaford, Del.
 Hanover, Pa.
 Crofton, Md.
 Salisbury, Md.
 Baltimore, Md.
 Takoma Park, Md.
 Upper Marlboro, Md.
 Baltimore, Md.

Linda Lucille Liggon, *summa cum laude*
 Bruce Earl Lippy, *summa cum laude*
 Patricia Ann Logan, *summa cum laude*
 Deborah Jean Lutz
 John Howard McCabe
 Cheryl Allyn McCardell
 William Mitchell McCormick, *cum laude*
 Gerald Patrick McGaughran
 Jeannette Alain Pearson McSweeney
 Michael David Mahaney
 Michael Eugene Mann
 Donald Wayne Martin
 Sharon Pauline Martin, *cum laude*
 Mary Christine Meyers
 William Thomas Middleton
 Christine Kay Miller, *cum laude*
 Glenn Paul Miller
 Andrew Chrismond Mitchell, Jr.
 Michael Martin Mock
 Linda Audrey Moore
 Beverly Jeanne Morales
 Lucinda Newby
 Brenda Kay Noble, *summa cum laude*
 William Ridout Norris, Jr., *cum laude*
 Pamela Lynn Norton
 Judith Anne Brager O'Connor
 James Richard Orrell, *summa cum laude*
 Joy Beverly Ostovitz, *cum laude*
 Rebecca Ann Packett, *summa cum laude*
 Roberta Sublett Parsons
 Thomas Decker Patterson
 Jacqueline Walter Parsons
 Dolores Yvonne Peters, *cum laude*
 Carl David Petrucci
 Nancy Ann Phoebus, *cum laude*
 Kathy Rose Pierce
 Bonnie Jean Watts Poole
 Edwin Clinton Poole
 Bryson F. Popham
 Jill Porter
 Joseph Victor Prado
 Karen Ann Prichard
 Kevin Stewart Prime
 Debra Allyn Radcliffe, *cum laude*
 Deborah Dee Ratcliffe
 Robert Edward Repsher, Jr.
 Debra Lynn Rice
 Barbara Elizabeth Rich, *summa cum laude*
 Robert Nelson Robison, *cum laude*
 Susan Elizabeth Roecker, *cum laude*
 Patti Ann Rohm
 David Arthur Romer
 Fred Louis Rudman, *cum laude*
 Franklin Greensbury Schaeffer
 Anne Ebmeier Schaffner, *cum laude*
 Glenn Robert Scheib
 Richard Nelson Schmertzler
 Kristina Jan Schmuhl
 Jillyn Kaberle Schulze
 Craig Ira Serota
 Nelson Jay Shaffer
 Kathleen Virginia Shannahan, *summa cum laude*
 John Wellford Sharp
 Jon Phillip Sherwell
 David Alan Shifler
 Janice Ellen Sikorsky, *cum laude*
 Nancy Henderson Silvia, *cum laude*
 Bruce Robert Simpers
 Allen Leon Sklar, Jr.
 Geraldine Diane Smith

Hagerstown, Md.
 Manchester, Md.
 District Heights, Md.
 Newark, Del.
 Bishopville, Md.
 Rising Sun, Md.
 New Windsor, Md.
 Lansdale, Pa.
 Severna Park, Md.
 Cumberland, Md.
 Ellicott City, Md.
 Ellicott City, Md.
 Smithsburg, Md.
 Severna Park, Md.
 Pitman, N. J.
 Greenbelt, Md.
 Baltimore, Md.
 Salisbury, Md.
 Baltimore, Md.
 Point Pleasant Beach, N. J.
 Washington, D. C.
 Frederick, Md.
 Hanover, Pa.
 Linthicum, Md.
 Arnold, Md.
 Wheaton, Md.
 Timonium, Md.
 Pasadena, Md.
 Hagerstown, Md.
 Salisbury, Md.
 Point Pleasant Beach, N. J.
 Baltimore, Md.
 Silver Spring, Md.
 Brentwood, Md.
 Baltimore, Md.
 Towson, Md.
 Basking Ridge, N. J.
 Annapolis, Md.
 Glen Burnie, Md.
 Chester, Md.
 Westernport, Md.
 Frostburg, Md.
 Marlton, N. J.
 Glenwood, Md.
 Alexandria, Va.
 Ellicott City, Md.
 Buffalo, N. Y.
 West Caldwell, N. J.
 Hagerstown, Md.
 Old Bridge, N. J.
 Camp Hill, Pa.
 Silver Spring, Md.
 Randallstown, Md.
 Westminster, Md.
 Timonium, Md.
 Hegins, Pa.
 Georgetown, Del.
 Harwood, Md.
 Ellicott City, Md.
 North Caldwell, N. J.
 Marysville, Pa.
 Baltimore, Md.
 Pitman, N. J.
 Salisbury, Md.
 Boonsboro, Md.
 Pasadena, Md.
 Salisbury, Md.
 Manchester, Md.
 Ocean City, Md.
 Perry Hall, Md.



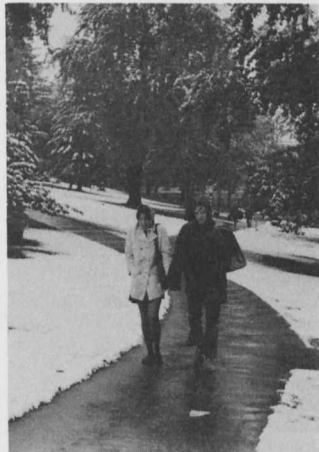
Miriam Lynn Smith, *summa cum laude*
 Robert Clyde Smith III
 Katherine Carpenter Smyth
 Kristina Ann Snell
 Sarah Ann Snodgrass
 George Elmer Snyder, Jr., *cum laude*
 Wayne Charles Sommers
 Milford Harsh Sprecher
 Dinah Starling Sunday
 Linda Darlene Swift
 Patricia Ann Swindell
 Susan Shipley Sybert
 Mona Marie Trump
 Frances Lyon Van Ness
 John Joseph Verderosa
 Donald Leroy Viguers
 Dorn Burley Wagner
 Jenny Frances Wallingford
 Carol Lynn Ward
 Robert Steven Watson, *cum laude*
 Brenda Alice Weitzel
 Robert Carl Werner
 Kathleen Jean West
 Catherine Howard Wheatley
 Elizabeth Ruth Wheeler, *cum laude*
 Roger Byram White
 Carol Lynn Whitmer
 Mark Charles Wilcock
 Larry William Wild
 Charles Edward Wilford III
 John Lindsay Wilhelm
 Robert Martin Wolfing
 David Angle Wolfinger III
 Alicelyn Marie Wright
 Gary Lee Wright
 Charlet Ann Youngblood, *cum laude*
 Douglas Charles Yust
 Jo Ann Knabe Zeman
 Matthew Spencer Zimmerman
 James Louis Zucco, Jr.

Master of Education

Jane Hoyas Adams
 Mary Melton Aist
 Jo Ann Altland
 Bernard Harry Anthony, Jr.
 George Antonios Antonas
 Marc Leonard Apter
 John Edward Baile
 Edward Stanton Baker
 Fredric Baker
 Ima Marlin Beam
 Julie Bowdish
 Lois Gore Bowers
 Richard Edward Bowman
 Jerome Keith Bradford
 Sister Patricia Carroll, C.S.J.
 Katharine Harter Clower
 Lynn Carlyle Coleman
 Mary Donna Connors
 Stanley Carroll Crawford, Jr.
 Eugene Howard Creek
 Margery Arnold Creek
 Claude Phillip Darr
 David Elwood Denham
 Timothy Lee Dinterman
 Joanna Goble Drinkwater
 Barbara Ann Starkey Ehler
 Janet Rutherford Fuller
 Warren Barry Gentry

Greensboro, Md.
 Mantua, N. J.
 Silver Spring, Md.
 Harrisburg, Pa.
 Street, Md.
 Hagerstown, Md.
 Baltimore, Md.
 Elkton, Md.
 Bethesda, Md.
 Street, Md.
 Pasadena, Md.
 Savage, Md.
 Wheaton, Md.
 Owings Mills, Md.
 Wheaton, Md.
 Haddonfield, N. J.
 Bradshaw, Md.
 Woodsboro, Md.
 Windsor, N. J.
 Monongahela, Pa.
 Salisbury, Md.
 Philadelphia, Pa.
 Berkshire, Md.
 Betterton, Md.
 Silver Spring, Md.
 Wayne, N. J.
 Baltimore, Md.
 Ocean City, N. J.
 Rockville, Md.
 Arbutus, Md.
 Frostburg, Md.
 Woodbine, Md.
 Hagerstown, Md.
 Catonsville, Md.
 Boonsboro, Md.
 Wilkes-Barre, Pa.
 Bel Air, Md.
 Baltimore, Md.
 Frostburg, Md.
 Baltimore, Md.

Baltimore, Md.
 Friendship, Md.
 Red Lion, Pa.
 York, Pa.
 Baltimore, Md.
 Westminster, Md.
 Westminster, Md.
 Easton, Md.
 Mt. Airy, Md.
 Talladega, Ala.
 Bethesda, Md.
 Gettysburg, Pa.
 York, Pa.
 Germantown, Md.
 Brooklyn, N. Y.
 Westminster, Md.
 Frederick, Md.
 Westminster, Md.
 Ellicott City, Md.
 Beltsville, Md.
 Beltsville, Md.
 Reisterstown, Md.
 Littlestown, Pa.
 Walkersville, Md.
 Ijamsville, Md.
 Westminster, Md.
 Clarksburg, Md.
 Pikesville, Md.



Gregory Harrison Getty
 Bruce Douglas Gibbs
 Carole Copeland Grove
 Jack Edward Hahn
 Eugene Gordon Haines
 James Francis Head
 Melvin Kenneth Houser
 Janice Anne Hill Hull
 Gertrude F. Jaquet
 Arthur Kirk Jenne
 Margaret Mack Jones
 Susan Nelson Jones
 Carl Edwin Kaltreider
 James William Kelly
 Lawrence Theodore Koch
 Barbara Joyce Liles
 John Craig McVicker
 John Cranford Manley
 James Leroy Mann
 Virginia Strubbe Mayberry
 Lillian Lacy Moss
 John Edwin Nelson
 Diedre Ann Cable Novinger
 Frank Eugene Novinger
 Janet Engle Ober
 Paul Clinton Ober
 John Dorn Peck
 Louis J. Pecoraro
 James Henry Penton III
 Anna Mary Pobletts
 Theodore Richard Pokorny, Jr.
 Marcia Sperling Pollack
 Thomas Edward Quelet
 Edgar Albertus Reitzel
 Eileen Millar Renwick
 Ernest Lee Rice
 Linda Waters Rodman
 John V. Russ
 Dorothy Ann Sale
 John Kirk Scott
 Gary Ervin Shifflet
 Pamela Duncan Shirley
 Russell Darall Simmons
 Louis Joseph Slobinsky
 Mary Alice Snyder
 Nea McCallan Waterman Stack
 Helen Myers Stackhouse
 Julia Tiller Thomason
 Hubert Casten Trego, Jr.
 Edward Allen Trittipoe
 Irwin Barshinger Trout
 Mildred Joyce Wait
 Glenda Lind Warehime
 Sharon Whitt
 Joanne Duvall Wilson
 Grayson Frederick Winterling
 Belva Wyatt Wood
 Joseph Anthony Yuhas

HONORARY DEGREES

Bachelor of Arts

Cristi Maurice Bill

Doctor of Divinity

William Ellsworth Firth
 Byron Wilson John

Doctor of Humane Letters

John Simmons Barth

Doctor of Laws

Louis Lazarus Goldstein

Doctor of Letters

John Donald Makosky

Westminster, Md.
 Silver Spring, Md.
 Mt. Crawford, Va.
 Silver Spring, Md.
 Gaithersburg, Md.
 Westminster, Md.
 Carlisle, Pa.
 Uniontown, Md.
 York, Pa.
 Westminster, Md.
 Reisterstown, Md.
 Glen Mar Park, Md.
 Hanover, Pa.
 Gaithersburg, Md.
 Frederick, Md.
 Damascus, Md.
 Westminster, Md.
 York, Pa.
 Rockville, Md.
 Rockville, Md.
 Newark, Del.
 Reisterstown, Md.
 Hagerstown, Md.
 Hagerstown, Md.
 Westminster, Md.
 Walkersville, Md.
 South Williamsport, Pa.
 Sykesville, Md.
 Westminster, Md.
 Sykesville, Md.
 Columbia, Md.
 Rockville, Md.
 Gaithersburg, Md.
 New Oxford, Pa.
 Rockville, Md.
 Westminster, Md.
 Wheaton, Md.
 New Cumberland, Pa.
 Suitland, Md.
 Gaithersburg, Md.
 Silver Spring, Md.
 Wheaton, Md.
 Wrightsville Beach, N. C.
 Westminster, Md.
 Westminster, Md.
 LaGrange, Ill.
 Ellicott City, Md.
 Frederick, Md.
 Cambridge, Md.
 Leesburg, Va.
 Red Lion, Pa.
 Middletown, Md.
 New Windsor, Md.
 Marriottsville, Md.
 Gaithersburg, Md.
 Hampstead, Md.
 Hagerstown, Md.
 Germantown, Md.

Frederick, Md.

Hagerstown, Md.
 Apopka, Fla.

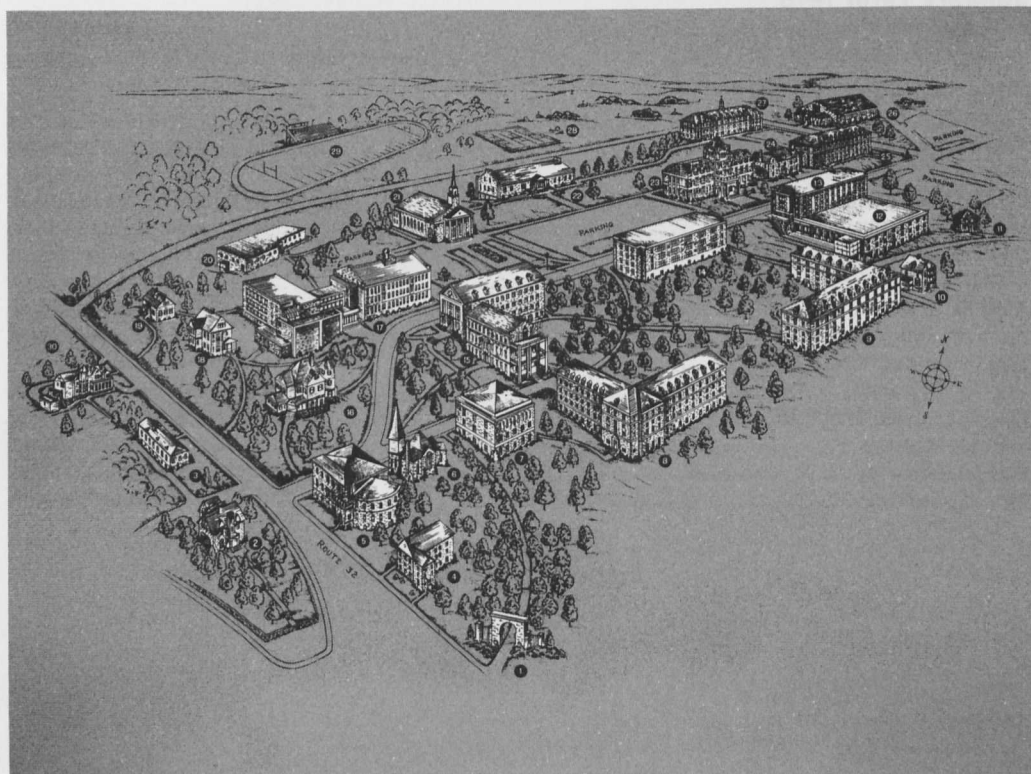
Wayland, Mass.

Prince Frederick, Md.

Westminster, Md.

Campus Map

1. Ward Memorial Arch
2. Carroll Hall — Education Department and Graduate Division
3. Thompson Infirmary
4. Levine Hall — Music Department
5. Alumni Hall — Dramatic Art Department
6. Baker Chapel
7. Fine Arts Building — Art Department
8. Blanche Ward Hall — Women's Residence Hall and Gymnasium
9. Whiteford Hall — Women's Residence Hall
10. French House
11. Spanish-German House
12. Englar Memorial Dining Hall and Harlow Swimming Pool
13. Rouzer Hall — Men's Residence Hall
14. Memorial Hall — Modern Languages, Economics, Sociology, English, Classics, Political Science and History Departments, Computer Processing
15. McDaniel Hall — Women's Residence Hall
16. The President's home
17. Lewis Hall of Science — Physics and Mathematics (First Floor), Biology (Second Floor), Chemistry (Third Floor)
18. McDaniel Cottage
19. Dean's Cottage
20. Winslow Student Center — Snack Area, Post Office, Bookstore
21. Baker Memorial Chapel — Philosophy and Religion Department
22. Library — Psychology Department on Lower Level
23. Elderdice Hall — Administration Building, Admissions Office
24. Forlines House
25. Daniel MacLea Hall — Men's Residence Hall
26. Gill Gymnasium — Physical Education Department
27. Albert Norman Ward Hall — Men's Residence Hall
28. Golf course and tennis courts
29. Hoffa Field
30. Harrison House, Publications Office, Alumni Office



Calendar

Summer Session 1974

June 17, Monday, 8:00 A.M. First term classes begin
July 4, Thursday Holiday; no classes.
July 19, Friday First term ends.
July 22, Monday, 8:00 A.M. Second term classes begin.
August 23, Friday Second term ends.

First Semester 1974

September 7, Saturday, 9:00 A.M.-12:00 M. Registration of freshmen and transfer students.
September 8, Sunday Upperclass students return.
September 9, Monday, 7:50 A.M. Daily class schedule begins.
September 11, Wednesday, 11:20 A.M. Fall Convocation.
September 23, Monday, 4:30 P.M. Last date for course changes and pass/fail applications.
October 18, Friday, 12:00 M. Midsemester grades are due in the Registrar's Office.
October 19, Saturday Fall recess begins.
October 28, Monday, 7:50 A.M. Classes resume.
November 12, Tuesday, 4:30 P.M. Last date for withdrawal from courses without penalty.
November 25, Monday, 1:00 P.M. . . . Institutional administration of the Undergraduate Record Exam.
November 26, Tuesday, 10:00 P.M. Thanksgiving recess begins.
December 2, Monday, 7:50 A.M. Classes resume.
December 13, Friday First semester classes end.
December 21, Saturday First semester examinations end.

January Term 1975

January 6, Monday, 9:00 A.M. January Term begins.
January 29, Wednesday, 5:00 P.M. January Term ends. Winter recess begins.

Second Semester 1975

February 2, Sunday, 6:30 P.M. Registration of new students.
February 3, Monday, 8:00 A.M. Second semester classes begin.
February 5, Wednesday, 11:00 A.M. Spring Convocation.
February 17, Monday, 4:30 P.M. Last date for course changes and pass/fail applications.
March 21, Friday, 12:00 M. Midsemester grades are due in the Registrar's Office.
March 21, Friday, 5:00 P.M. Spring recess begins.
March 31, Monday, 8:00 A.M. Classes resume.
April 14, Monday, 1:00 P.M. . . . Institutional administration of the Undergraduate Record Examination.
April 18, Friday, 4:30 P.M. Last date for withdrawal from courses without penalty.
May 4, Sunday, 7:00 P.M. Honors and Investiture Convocation.
May 15, Thursday Senior final examinations begin.
May 16, Friday, 5:00 P.M. Second semester classes end.
May 19, Monday Senior examinations end.
May 24, Saturday Underclass examinations end.
May 25, Sunday Commencement.

1974

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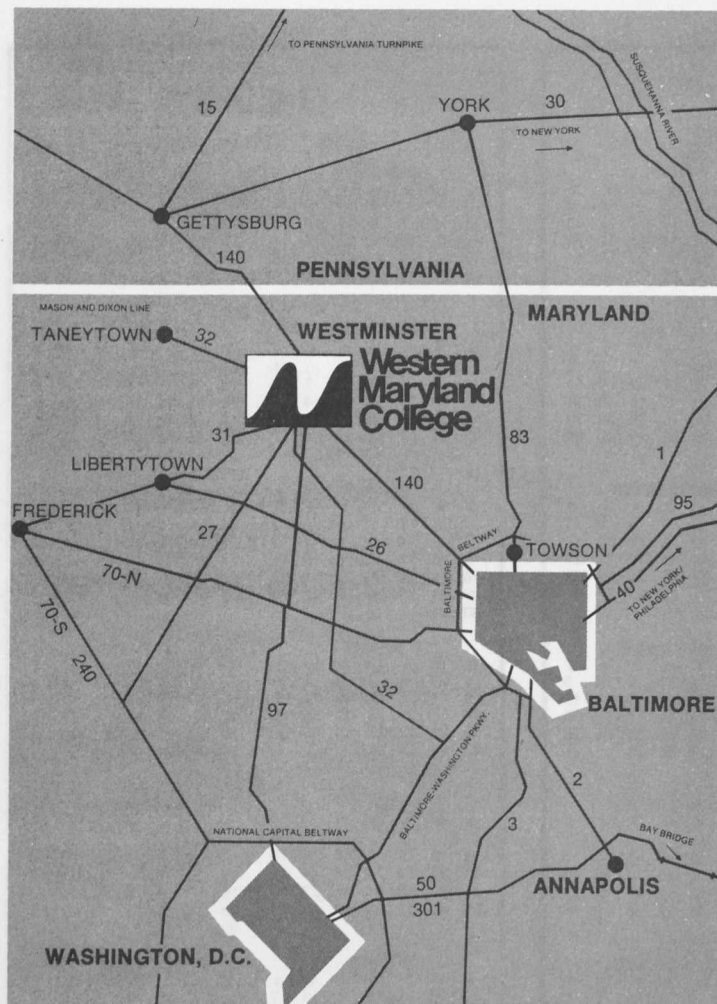
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24	25	26	27	28	29	30
31

Location



Index

- Accelerated Program — 29
- Acceptance — 21
- Accreditation — 15
- Activities — 18
- Adjunct Faculty — 94
- Administration — 87
- Admission — 19
- Advanced Standing and/or Placement — 22
- American Studies — 32
- Appalachian Semester — 67
- Application for Admission — 20
- Art — 32
- Astronomy — 35
- Athletics — 18
- Average expenses — 23
- Awards — 96
- Bachelor of arts degree — 27
- Bachelor of science degree — 27
- Basic liberal arts subjects — 28
- Biology — 35
- Board expenses — 23
- Board of Trustees — 84
- Business Administration — 37
- Calendar — 106
- Campus and Facilities — 15
- Campus employment — 24
- Campus map — 105
- Campus visits and personal interviews — 20
- Chemistry — 37
- Co-Curricular and Extra-Curricular activities — 18
- College — 13
- College community — 17
- College organization — 83
- College scholarships and special grants — 24
- Committee decision — 20
- Comparative Literature — 38
- Computer Science — 39
- Courses of Instruction — 31
 - American Studies — 32
 - Art — 32
 - Astronomy — 35
 - Biology — 35
 - Business Administration — 37
 - Chemistry — 37
 - Comparative Literature — 38
 - Computer Science — 39
 - Dramatic Art — 39
 - Economics — 41
 - Education — 42
 - Education of the Deaf — 43
 - English — 43
 - French — 51
 - General Science — 45
 - Geography — 45
 - German — 51
 - History — 45
 - Instrumental Music — 54
 - Interdisciplinary Studies — 47
 - Latin — 48
 - Library Science — 48
 - Mathematics — 48
 - Military Science — 50
 - Modern Languages — 51
 - Music — 53
 - Non-Western Studies — 56
 - Organ — 54
 - Philosophy — 57
 - Physical Education — 59
 - Physical Science (see General Science) — 45
 - Physics — 61
 - Piano — 54
 - Political Science — 62
 - Off-Campus program — 64
 - Pre-Professional Courses — 64
 - Psychology — 65
 - Religion — 57
 - Russian — 51
 - Sociology — 66
 - Off Campus Program — 67
 - Spanish — 51
 - Statistics — 68
 - Violin — 54
 - Voice — 54
- Deaf, Education of the — 43
- Degrees — 27
 - Conferred in 1973 — 100
 - Types of — 27
- Departmental honors — 30
- Dramatic Art — 39
- Drew University Semester at the United Nations — 64
- Economics — 41
- Education — 42
- Education of the Deaf — 43
- Educational Facilities — 15
- Educational Plan — 26
- Electives — 29
- Endowed Annual Awards — 96
- Endowed Scholarships — 97
- English — 43
- Examinations — 20
- Expenses — 22
 - Application — 20
 - Room and Board — 22
 - Tuition — 22
- Extracurricular activities — 18
- Facilities — 15
- Faculty — 89
- Federal scholarships and loans — 25
- Fees (see Expenses) — 22
- Financial Aid — 24
- Fraternities and sororities — 18
- French — 51
- Funds — 99
- General Facilities — 17
- General Information — 95
- General Science — 45
- Geography — 45
- German — 51
- Grades and Reports — 29
- Graduation Honors — 30
- Greek Letter societies — 18
- Health and recreation facilities — 16
- History — 45
- History of the college — 14
- Honorary degrees —
- Honors, General and Departmental — 30
- Honor Societies — 18
- Honor System and Student Honor Board — 18
- Instrumental Music — 54
- Interdisciplinary Studies — 47
- January Term — 28, 69-82
- Latin — 48
- Liberal Arts — 27
- Library Science — 48
- Location of College — 108
- Major requirements — 28
- Making application — 20
- Map of campus — 105
- Master of education degree — 27
- Mathematics — 48
- Military Science — 50
- Modern Languages — 51
- Music — 53
 - Applied — 54
 - Education — 55
 - History and Literature — 55
 - Recitals — 56
 - Theoretical — 54
- Musical organizations — 56
- Non-Western Studies — 56
- Objectives — 15
- Organ — 54
- Payment of Bills — 23
- Philosophy — 57
- Philosophy of college — 14
- Physical Education — 59
- Physical Science (see General Science) — 45
- Physics — 61
- Piano — 43
- Points, Quality — 30
- Political Science — 62
 - Off-Campus program — 64
- Pre-Professional courses — 64
- Psychology — 65
- Publications, student — 18
- Quality points — 30
- Recitals — 56
- Refunds — 23
- Religion — 57
- Reports, Grades and — 29
- Requirements for the
 - Baccalaureate degree — 27
 - Master's degree — 29
- Residential facilities — 15
- Room and Board fees — 22
- Russian — 51
- Scholarships — 24
- Secondary school credits — 20
- Sociology — 66
- Sororities and fraternities — 18
- Spanish — 51
- Special interest organizations — 18
- State Scholarships for Maryland residents — 24
- Statistics — 68
- Student loan grants — 24
- Student publications — 18
- Student records — 29
- Transfer Students — 21
- Trustees, Board of
 - Alumni Visitors to — 86
 - Faculty Visitors to — 86
 - Officers of — 86
- Tuition — 22
- United Nations Semester — 64
- Violin — 54
- Voice — 54
- Washington Semester — 64
- Withdrawal from college — 23

305. Public Administration

(3)

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.

307. Organization of United States Foreign Relations

(3)

A study of the process by which the foreign policy of the United States is formulated. Special reference is given to the domestic decision-making process and its relation to substantive foreign policy alternatives.

308. Constitutional Law

(3)

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.

309. Political Institutions of the Soviet Union

(3)

Ideology, government, and party in the Soviet Union; Soviet foreign policy and relations; survey of recent Russian history. *Not offered in 1974-1975.*

310. Politics of Developing Areas

(3)

An examination of forces shaping the new nations and their problems of transition. *Not offered in 1974-1975.*

311, 312. Political Behavior and Analysis

(3,3)

First semester: a dual focus on conceptual approaches and methodologies of behavioral political science and on their creative use as devices for describing substantive phenomena in American politics, with emphasis on approaches derived from small-group, personality, role, power, and socialization theories. The substantive focus is on contemporary research on political attitudes, socialization, partisanship and voting behavior, and leadership character.

Second semester: more intensive training in empirical research techniques and their in-field application, including such procedures as surveying methods, roll-call analysis, elite interviewing, and computer analysis. *Beginning with the fall of 1975, prerequisite, Statistics 215.*

313. Political Institutions and Process of the Chinese Peoples Republic

(3)

The social background, ideology, government, party, and the decision-making process in the Chinese Peoples Republic. *Prerequisite, Political Science 213, or permission of the instructor. Not offered in 1974-1975.*

351; 352; 451; 452. Special Studies in Political Science

(1 to 3)

Directed individual study.

353. Directed Reading

(1)

A program of directed independent reading of a number of major modern political writings. *This reading is ordinarily completed in the summer and tested by examination. Open only to political science majors.*

401. Contemporary Political Problems

(3)

An analysis of various topical or recurring problems in the area either of domestic or international politics. This course serves as a focal point for an integration of methodology, theory, and substantive problem areas.

453. Independent Study in Political Science

(3)

An independent research paper.

Off Campus Programs

Washington Semester Program

To enable students to spend one term in specialized study of public affairs in the nation's capital, Western Maryland College participates in the Washington Semester Program sponsored and administered by the American University. In the spring semester one or more students may study the American Government, the formulation of American foreign policy, or the District of Columbia as an urban area, engaging in research projects, seminars, and other formal courses at American University. Credit earned becomes a part of the Western Maryland College record.

The United Nations Semester

A limited number of students will have an opportunity to broaden their liberal arts study by participation in the Drew University semester at the United Nations. The students will engage in observation and analysis of the United Nations on the scene in New York. In addition to a seminar and a research paper, participants may enroll in six to nine semester hours in the regular Drew University program. Students must be recommended by the Campus Coordinator. Credit earned becomes a part of the Western Maryland College record.

PRE-PROFESSIONAL COURSES

Students who are interested in pre-professional courses, such as pre-engineering, pre-forestry, pre-legal, pre-ministerial, or pre-medical, and other health science fields, should consult the Guidance Bulletin for suggestions and requirements for these programs.

No major is offered in this field.

PSYCHOLOGY (81)

Professors Miller and Vernon; Assistant Professors Colyer and Orenstein

This department seeks to promote knowledge of the basic facts and principles of the behavior of humans and infra-human animals from the vantage point of the scientist. Students planning a career in any area of psychology should expect to spend at least a year in postgraduate study.

Psychology 106 is prerequisite to all other courses in psychology.

*106; 106R. General Psychology (3)

An introductory course designed to develop an understanding of the basic principles governing behavior. Emphasis is on the scientific method of studying behavior. Intelligence, motivation, emotion, perception, learning, personality, and social factors that influence the individual are among the topics considered.

204. Social Psychology (3)

Analysis of the behavior of the individual as a member of social groups; focus on the areas of collective behavior, roles, symbolic interactionism, personality development, and small group research. *Required of all Sociology majors. Prerequisites, Psychology 106 and Sociology 103, or permission of instructor.*

207. Child Development (3)

Critical survey of research problems and theories pertaining to child behavior; review and application of principles of learning in early childhood. *Three class periods a week and directed observation in the field.*

*214. Experimental Psychology (4)

An introductory treatment of the data and methods of experimental psychology. Topics include sensation, perception, learning, memory, feeling, and emotion. The laboratory is designed to acquaint students with procedures, techniques, and pieces of apparatus utilized in psychological investigations. *Prerequisite, Statistics 215. Three class periods and one three-hour laboratory period a week.*

219; 219R. Personality and Psychotherapy (3)

A study of the major personality theories and psychotherapy models.

302. Psychological Measurement and Assessment (3)

An introductory course in testing; a study of the construction, administration, interpretation, and use of tests of intelligence, aptitude, interests, and personality. *Prerequisites, Psychology 214, Statistics 215. Three class periods a week and practicum in the field.*

309. Psychology of Abnormal Behavior (3)

The incidence, causes, treatment, and prevention of the disordered personality. This course may be elected separately, although it is designed as a continuation of Psychology 219. *Prerequisite, at least six semester hours of psychology. Three class periods a week and directed observation in mental hospitals, clinics, and other agencies.*

313; 313R. Practicum: Counseling and Psychotherapy (3)

Identification and application of the skills and relationships utilized in the helping professions. Includes placement in a youth service agency, a community mental health bureau, a senior citizen's center, a vocational rehabilitation agency, a pastoral counseling center, etc. *Prerequisite, Psychology 219 or permission of the instructor. Two class periods a week and practicum in the field.*

327. Psychology of Perception (3)

Intensive treatment of problems in psychophysics; the organization, stability, and development of perceptual processes together with a detailed consideration of current theories of perception and their experimental bases. *Prerequisite, Psychology 214 or permission of the instructor. Three class periods and one three-hour laboratory period a week.*

328. Comparative Psychology (3)

A course in the comparative aspects of social behavior with the emphasis on the evolution of behavior and the principles of adaptation which generalize from species to species. Special attention is given to man's place in phylogeny. *Prerequisite, Psychology 214 or permission of the instructor.*

329; 329R. Physiological Psychology (3)

An analysis of the basic physiological mechanisms underlying behavior, with emphasis on the brain and central nervous system. *Prerequisite, Psychology 214.*

330. Psychology of Deafness and Profound Hearing Loss (3)

An examination of the effects of a lack of hearing on personality and behavior. The literature in this and related fields is interpreted in terms of its theoretical and practical meaning for persons with hearing losses and for professionals who serve in their habilitation and education. Through an understanding of the effect of auditory deprivation, the course offers insight into the role of hearing in the psychological development of those with normal hearing.