

# THE JANUARY TERM



1972

WESTERN MARYLAND COLLEGE

Westminster, Maryland 21157

# COLLEGE CALENDAR

## FIRST SEMESTER

1971

September 11, Saturday, 9:00 A.M.-12:00 M.—Registration of freshmen and transfer students.

September 11 to September 14—Orientation period for freshmen and transfer students.

September 14, Tuesday, 9:30 A.M.—Registration for all other students.

September 15, Wednesday, 7:50 A.M.—Daily class schedule begins.

September 15, Wednesday, 11:05 A.M.—Fall Convocation.

September 28, Tuesday—Last date for course changes.

October 4 to October 8—Registration of the January Term.

October 27, Wednesday, 9:00 A.M.—Midsemester grades reported to the Registrar's Office.

November 9, Tuesday—Last date for withdrawal from courses without penalty.

November 23, Tuesday, 5:00 P.M.—Thanksgiving recess begins.

November 28, Sunday, 11:30 P.M.—Thanksgiving recess ends.

December 10, Friday, 5:00 P.M.—First semester classes end.

December 21, Tuesday, 5:00 P.M.—First semester examinations end.

## JANUARY TERM

1972

January 3, Monday, 8:00 A.M.—January Term begins.

January 28, Friday, 5:00 P.M.—January Term ends. Winter recess begins.

## SECOND SEMESTER

1972

February 6, Sunday, 11:30 A.M.—Winter recess ends.

February 7, Monday, 8:00-10:00 A.M.—Registration of new students and schedule changes.

February 7, Monday, 10:00 A.M.—Daily class schedule begins. Morning classes will meet for shortened periods; afternoon classes will follow the regular schedule.

February 18, Friday—Last date for course changes.

March 27, Monday, 9:00 A.M.—Midsemester grades reported to the Registrar's Office.

March 28, Tuesday, 5:00 P.M.—Spring recess begins.

April 4, Tuesday, 11:30 P.M.—Spring recess ends.

April 21, Friday. Last date for withdrawal from courses without penalty.

April 24, Monday, 1:00 P.M.—Institutional administration of the Undergraduate Record Examination.

May 7, Sunday, 7:30 P.M.—Honors and Investiture Convocation.

May 19, Friday, 5:00 P.M.—Second semester classes end.

May 27, Saturday, 5:00 P.M.—Second semester examinations end.

June 4, Sunday—Commencement.



# The January Term 1972

*Third Annual Edition*

Western Maryland College  
Catalogue

Westminster, Maryland 21157  
(Telephone 301-848-7000)  
September, 1971

# WESTERN MARYLAND COLLEGE

## THE JANUARY TERM

### 1972

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#### OFFICERS OF ADMINISTRATION

Lowell Skinner Ensor, A.B., B.D., D.D., L.H.D., LL.D., *President*  
John Donald Makosky, A.B., A.M., Ed.D., *Dean of the Faculty*  
Philip Blettner Schaeffer, A.B., *Treasurer and Business Manager*  
James Edward Lightner, A.B., A.M., Ph.D., *Director of the January Term*  
Elizabeth J. Laidlaw, B.S., A.M., *Dean of Women*  
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Cora Virginia Perry, A.B., M.L.A., *Registrar*  
Marjorie Little Spangler, A.B., *Associate Registrar*  
Mary Rohrer Shoemaker, *Cashier*

#### FACULTY

GEORGE THEODORE BACHMANN, JR., A.B., A.M., M.S.L.S. .... *Librarian*  
MARJIE LYNN BAKER BAUGHMAN, A.B. .... *Instructor in the History of Art*  
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..... *Assistant Professor of Physical Education*  
RICHARD ALLEN CLOWER, A.B., M.S., Ed.D. .... *Professor of Physical Education*  
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GERALD EDWARD COLE, B. Mus., M.Mus. .... *Professor of Music*  
CHARLES EDWARD CRAIN, A.B., B.D., Ph.D. .... *Professor of Religion*  
WALTER EDWARD CUSHEN, A.B., Ph.D., Sc.D.,  
..... *Chief, Technical Analysis Division, National Bureau of Standards*  
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JACQUES THEOPHILE DERASSE ..... *Assistant Professor of Modern Languages*  
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LOWELL REID DUREN, B.S., M.N.S., Ph.D. .... *Assistant Professor of Mathematics*  
MARY ELLEN SMITH ELWELL, A.B., M.S.W. .... *Assistant Professor of Sociology*  
LINDA RUTH ESHLEMAN, B.S., A.M. .... *Instructor in Mathematics*  
CHARLES ROY FENDER, A.M. .... *Instructor in Art*  
DANIEL T. HADARY, A.M. .... *Instructor in Sociology*  
BRITT MELVIN HARGRAVES, B.S., M.S. .... *Assistant Professor of Education*  
ARLEEN HEGGEMEIER, B.Mus., M.Mus., D.Mus. .... *Associate Professor of Music*  
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..... *Professor of Philosophy*  
JEAN KERSCHNER, A.B., Ph.D. .... *Professor of Biology*  
ROBERT WEST LAWLER, A.B., A.M., Ph.D. .... *Assistant Professor of English*







# The January Term At Western Maryland College

## THE PHILOSOPHY AND ORGANIZATION OF THE PROGRAM

Over the past decade, Western Maryland College, like many other liberal arts colleges, has regularly examined critically its curriculum and college calendar, with an eye to improved teaching and learning in an increasingly complex society. A number of proposals have been made, which, for many reasons have not been adopted.

In 1969, the Faculty approved a curricular and calendar experiment for two years, one in which the College retained its standard two semester organization while incorporating a three-week January Term between the semesters. During this time the student enrolled in one course or pursued one topic in depth.

For the sessions 1971-1972, 1972-1973, and 1973-1974, the Faculty has adopted a schedule including a shortened first semester (13 weeks), a four-week January Term, and a regular-length second semester (15 weeks). This will permit continued and expanded exploration of the educational advantage of an interim without seriously affecting the currently successful program of basic subjects, majors, and electives. Evaluation will be made after each interim. A decision as to continuation and further change will be made prior to the end of the first semester, 1973-1974.

The January Term provides for both students and faculty a rather unique 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 the student and teacher. The January Term can be a time when the teacher places some of his special knowledge and personal interests at the disposal of the student's curiosity, in a particularly sustained, conscious, and organized interaction. It is hoped that in each class or individual project the student will have the sense of engaging with his instructor in a cooperative venture, one in which together they explore new areas, and open and extend intellectual horizons.

The January Term takes several directions. For one student it can be the opportunity to pursue independently, in an organized and guided way, a project or area of study which deeply interests him. For another, it can be the 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 still another it can mean a time for exploration of an area of interest, such as music or art, unrelated to his regular academic program. 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 of 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 might 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, is envisioned as a time of solitary



study and reflection, 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, and/or a time to cultivate special interests in depth.

## ELIGIBLE STUDENTS

Attendance and participation in the January Term is voluntary on the part of each student enrolled in Western Maryland College prior to June 1, 1971. Students who enter Western Maryland College after June 1, 1971, will be required to complete successfully no less than two January Terms. Students who transfer on the junior or senior level after June 1, 1971, 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, 1972. 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 was held in May, 1971, all students who wish to participate in the January Term should formally register during the registration period, October 4-8. 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 approval 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, 1972*. (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 parental permission and 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

To emphasize the greater 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. No letter grades will be assigned to these, but academic credit will be awarded for successful completion of the courses or project.

A student will be permitted to take a course *in his major* during the experimental 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 (i.e., These courses in the major will be pass-fail, if accepted by the department).

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

Normally students will 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.

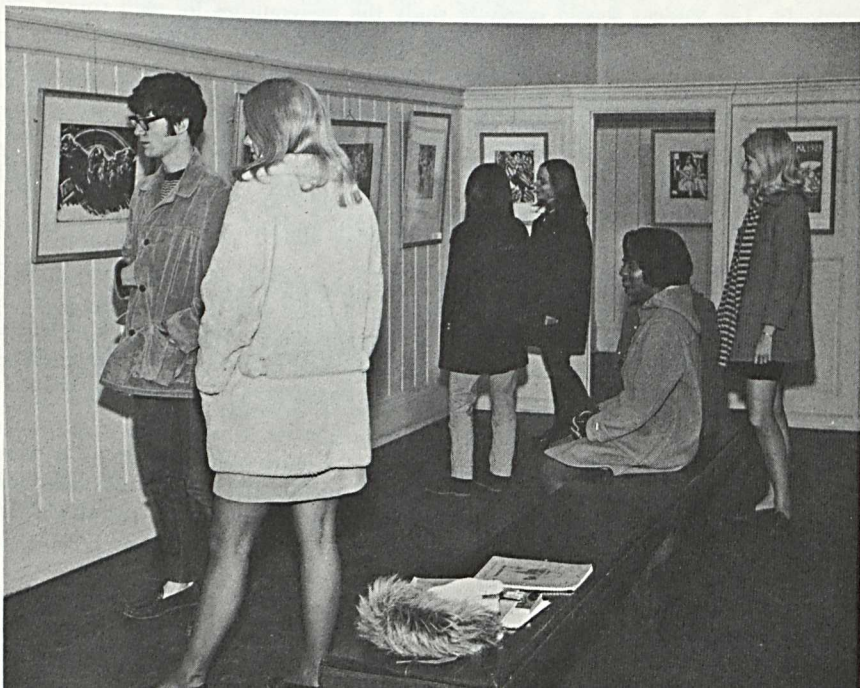
## EXPENSES

The January Term will be considered part of the first semester, administratively, and students will 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 will receive board refunds. Students will defray the costs of all extended travel and special materials required in a January Term course.

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 refund for board will be made.

It should be understood that *only* those students registered for and enrolled in a course or project during the January Term (irrespective of specific credit hours or actual fees) will be permitted to remain on the campus and/or to use the facilities of the College or its Faculty during the January Term, 1972.





# COURSES OF INSTRUCTION

## ART (03)

### 172 Study Tour: Italian Art (3)

A study of Italian art and architecture in the vicinities of Venice, Florence, and Rome.

INSTRUCTOR: Marjie Baughman

LOCATION: Italy

PREREQUISITES: Art 111-112 or equivalent course; permission of instructor

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 4 or Art majors

ENROLLMENT: MAXIMUM: 20

MINIMUM: 10

EXTRA FEES: Approximately \$550-\$600

### 173 Experimental Art (3)

Exploring the use of new materials in painting, sculpture, and graphics.

INSTRUCTOR: R. Fender and W. Palijczuk

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 3, 4

ENROLLMENT: MAXIMUM: 15

MINIMUM: 8

EXTRA FEES: Materials needed for the course

## BIOLOGY (09)

### 171 Experimental Design in Biology (3)

An introduction to some of the basic concepts and techniques of statistical inference and their application in the design of biological experiments.

INSTRUCTOR: Michael Brown

LOCATION: On Campus

PREREQUISITES: None; students should have had *no* previous work in statistics

OPEN TO: 1, 2, 3, 4

PRIORITY TO: Biology majors

ENROLLMENT: MAXIMUM: 10

MINIMUM: 4

EXTRA FEES: None

### 272 Human Genetics (3)

Survey of human genetics with respect to methods of study and types of traits involved. Attention given to genic control of metabolism and to cytogenetics. Visiting lecturers and field trips.

INSTRUCTOR: Jean Kerschner

LOCATION: On Campus

PREREQUISITES: Biology 203

OPEN TO: 2, 3, 4

PRIORITY TO: 3, 4

ENROLLMENT: MAXIMUM: 15

MINIMUM: 5

EXTRA FEES: Cost of transportation on field trips.

*Special January Term art exhibits draw student viewers.*

## BUSINESS ADMINISTRATION (12)

### 371 Home Building and Buying

(3)

Consideration of the many factors involved in the building or purchasing of a home. Topics to be explored include architectural services, financing, legal services, realtor's services, restrictive ordinances (zoning laws, building codes, development restrictions), building design, selection of materials, interior and exterior design, landscaping, etc. Extensive field trips and guest lecturers will be utilized.

INSTRUCTOR: Richard Clower

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 3, 4

PRIORITY TO: 4

ENROLLMENT: MAXIMUM: 25

MINIMUM: 15

EXTRA FEES: \$25-\$30 to cover cost of field trips.

### 372 Personal Finance

(3)

This course is an examination through readings, class discussions, and case studies of personal financial problems such as budgeting, saving, borrowing, insurance, buying a home, investing, taxes, planning a retirement income and estate planning.

INSTRUCTOR: Ann Coffey

LOCATION: On Campus

PREREQUISITES: Economics 201-202

OPEN TO: 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 25

MINIMUM: 10

EXTRA FEES: Approximately \$10 for round trip to New York City.

## CLASSICS (18)

### 172 Study Tour of Major Greek Archaeological Sites and Museums

(3)

The main emphasis is on Athens, but a seven-day motor coach trip will give opportunity to see both village life and major archaeological and historical sites. It is planned to visit Olympia, Bassae, Pylos, Sparta, Epidauros, Tiryns, Mycenae, and Corinth. There will also be a boat trip to Knossos, in Crete.

INSTRUCTORS: W. Ridington and E. Ridington

LOCATION: Greece

PREREQUISITES: None; permission of instructor

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 4

ENROLLMENT: MAXIMUM: 20

MINIMUM: 10

EXTRA FEES: \$700 plus cost of meals.

## DRAMATIC ART (21)

### 272 Improvisation for the Actor

(3)

The course will be devoted to developing the actor's ability to improvise behavior in a dramatic context. Emphasis will be placed upon developing spontaneity and freedom of response to minimal stimuli without benefit of a script. Scenes will be improvised in response to various sources such as news stories, fairy tales, poems, situations suggested on the spot by the instructor, and by communal agreement. The course is planned to ultimately result in an evening performance of improvisations early in the second semester with audience participation in suggesting improvisations.



INSTRUCTOR: Max Dixon  
PREREQUISITES: Dramatic Art 111-112  
OPEN TO: 2, 3, 4  
ENROLLMENT: MAXIMUM: 15  
EXTRA FEES: None

LOCATION: On Campus  
PRIORITY TO: 4  
MINIMUM: 6

## ECONOMICS (24)

### 372 Seminar and Workshop in Operations Research (3)

Participants will be introduced to an interdisciplinary approach to problem solving, employing the scientific method. This time will be divided between lectures on the techniques and methods of operations research, and problem-oriented project work. *An orientation discussion will be offered Wednesday, September 29, 1971, to familiarize students with the program prior to final registration.*

INSTRUCTORS: National Bureau of Standards Staff; LOCATION: On Campus  
Harry Rosenzweig  
PREREQUISITES: None  
OPEN TO: 3, 4  
ENROLLMENT: MAXIMUM: 20  
EXTRA FEES: None

PRIORITY TO: None  
MINIMUM: 5

### 373 Left! Right! Center! Modern Approaches to Man's Oldest Problem (3)

A seminar on the economics of socialist and capitalist planning. Theories of Marx, Lenin, Mao. Command economies vs. planning and regulation in the market economies. Opportunities to evaluate New Left ideology.

INSTRUCTOR: Ralph Price  
PREREQUISITES: Economics 201-202  
OPEN TO: 3, 4  
ENROLLMENT: MAXIMUM: 15  
EXTRA FEES: None

LOCATION: On Campus  
PRIORITY TO: None  
MINIMUM: 6

## EDUCATION (27)

### 171 Innovations in Teaching (3)

A study of current innovations in education, with frequent field trips to view them in operation.

INSTRUCTORS: D. Patrick and T. Thompson  
PREREQUISITES: None  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 30  
EXTRA FEES: Cost of lunches for off-campus trips

LOCATION: On Campus  
PRIORITY TO: None  
MINIMUM: 10

**471 Study Tour of Schools for the Deaf**

(3)

Visits to various schools for the deaf where the student is able to observe and participate in a teaching situation not available in the regular practicum institutions.

INSTRUCTOR: Britt Hargraves

LOCATION: 3 weeks off  
Campus, 1 week  
on Campus

PREREQUISITES: Enrollment in Deaf Education or permission of instructor

OPEN TO: 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 20

MINIMUM: 6

EXTRA FEES: Share transportation and housing costs and pay all individual expenses. Schools visited are selected from those where an invitation is extended and within our area.

## ENGLISH (30)

**178 The Western: Story and Film**

(3)

A multi-media approach to the American West, including lectures, seminars, films, and independent study. Emphasis will be upon the Western Novel and short story.

INSTRUCTOR: Raymond Phillips

LOCATION: On Campus

PREREQUISITES: Recommended, NOT required: Hist. 107, 108; English 211, 213, 214

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 30

MINIMUM: 15

EXTRA FEES: Approximately \$5 to cover film cost





**179 Workshop in Journalism—News and Sports (3)**

Four weeks of writing, editing and preparing layouts—concentration on straight news stories and interview techniques before students branch out into sports features and investigative reporting.

INSTRUCTORS: N. Winkelman and A. Ober  
PREREQUISITES: None  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 16  
EXTRA FEES: Cost of transportation for field trips.

LOCATION: On Campus  
PRIORITY TO: None  
MINIMUM: 6

**273 Beat Generation and the Angry Young Men: Literary Conflict at Mid-Century (3)**

A comparative study of two contemporary but different literary generations on both sides of the Atlantic.

INSTRUCTOR: Keith Richwine  
PREREQUISITES: English 214 or equivalent  
OPEN TO: 2, 3, 4  
ENROLLMENT: MAXIMUM: 25  
EXTRA FEES: \$2 or \$3 for special films

LOCATION: On Campus  
PRIORITY TO: 4, 3, 2  
MINIMUM: 10

## FRENCH (33)

**173 Study Tour of two French overseas "Departments" in the West Indies: La Guadeloupe, La Martinique (3)**

Study of the French language, history, civilization, art, and French system of public education.

INSTRUCTOR: Jacques Derasse  
PREREQUISITES: French 109 or the equivalent; permission of instructor  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 15  
EXTRA FEES: \$500

LOCATION: La Guadeloupe  
La Martinique  
PRIORITY TO: French majors  
MINIMUM: 5

## GENERAL SCIENCE (36)

**172 Famous Men of Science (3)**

A study of famous scientists from many different fields. Movie biographies will be supplemented by outside readings. Examples of scientists studied might be Pasteur, Freud, Edison, Curie, etc.

INSTRUCTOR: Peter Yedinak  
PREREQUISITES: None  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 50  
EXTRA FEES: \$5-\$10 to defray rental cost of movies shown in the course.

LOCATION: On Campus  
PRIORITY TO: None  
MINIMUM: 10

*A little magazine is put together by a January Term group.*



*Snow and castles in Germany are part of a cultural tour.*



## GERMAN (42)

### 174 Study Tour of Germany, Austria, and Switzerland

(3)

A trip via Luxembourg, Heidelberg, Munich, Vienna, Salzburg, Innsbruck, Garmisch, Zurich, Luzern, Cologne, Bonn. On-the-spot study of German culture and history highlighted by tours of cities and visits to museums, cathedrals, castles, palaces, the theatre, and opera.

INSTRUCTOR: Donald Zauche

LOCATION: Luxembourg  
Germany  
Austria  
Switzerland

PREREQUISITES: German 109 or equivalent; permission of instructor

OPEN TO: 1, 2, 3, 4

PRIORITY TO: German majors

ENROLLMENT: MAXIMUM: 12

MINIMUM: 10

EXTRA FEES: Approximately \$650.

## HISTORY (48)

### 175 The Age of Louis XIV

(3)

The course will try to recapture some of the essence of the great political and artistic events of the age of Louis XIV.

INSTRUCTOR: Cornelius Darcy

LOCATION: On Campus

PREREQUISITES: None

PRIORITY TO: None

OPEN TO: 1, 2, 3, 4

MINIMUM: 10

ENROLLMENT: MAXIMUM: 40

EXTRA FEES: Approximately \$2 or \$3 for field trips.

## INTERDISCIPLINARY STUDIES (50)

### 171 Independent Study Project I

(0-3)

INSTRUCTOR: M. D. Palmer

LOCATION: On or off Campus

PREREQUISITES: Participation in the Second-Track Curriculum Experiment; Permission of the instructor

### 172 A Cultural Tour of the United Kingdom and Ireland

(3)

Study tour of historical, literary, and musical landscapes in the United Kingdom and Ireland; concentrating on London, York, Edinburgh, Stratford-on-Avon, Canterbury and Dublin. Theatre, symphony, opera, and ballet performances will highlight visits to London, Edinburgh, and Dublin.

INSTRUCTORS: H. R. Stevens and O. Spangler

LOCATION: England and Ireland

PREREQUISITES: Interest in British Culture; permission of instructor

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 4, 3, 2, 1

ENROLLMENT: MAXIMUM: 40

MINIMUM: 10

EXTRA FEES: Approximately \$550.

**173 Women in Modern American Culture** (3)

Study of how women are seen in modern American culture, especially in literature but also in pop culture and the other arts, with a unit on women's lib.

INSTRUCTOR: Robert Lawler

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 25

MINIMUM: 10

EXTRA FEES: \$5-\$10 per student if films are ordered.

**271 Independent Study Project II** (0-3)

INSTRUCTOR: Keith Richwine

LOCATION: On or off Campus

PREREQUISITES: Participation in the Second-Track Curriculum Experiment;  
Permission of the instructor

## JOURNALISM

See English 179: Workshop in Journalism—News and Sports.

## MATHEMATICS (57)

**174 Applied Finite Mathematics: The Most for the Least** (3)

Study of methods of finite mathematics involving matrix algebra, linear programming, permutations and combinations, game theory, and networks; applied to practical problems in economics, management, psychology, etc.

INSTRUCTOR: Linda Eshleman

LOCATION: On Campus

PREREQUISITES: Math 111 or equivalent

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 25

MINIMUM: 5

EXTRA FEES: None

**272 Vector Analysis** (3)

Vector algebra, calculus of vector functions, applications to problems in the physical sciences.

INSTRUCTOR: Lowell Duren

LOCATION: On Campus

PREREQUISITES: Math 118, Some knowledge of physics or chemistry

OPEN TO: 2, 3, 4 (Not open to students

PRIORITY TO: None

who have had Physics 211)

ENROLLMENT: MAXIMUM: 25

MINIMUM: 5

EXTRA FEES: None

**372 Seminar and Workshop in Operations Research** (3)

Participants will be introduced to an interdisciplinary approach to problem solving, employing the scientific method. The time will be divided between lectures on the techniques and methods of operations research, and problem-oriented project work. *An orientation discussion will be offered Wednesday, September 29, 1971, to familiarize students with the program prior to final registration.*

INSTRUCTORS: National Bureau of Standards Staff; LOCATION: On Campus  
Harry Rosenzweig



PREREQUISITES: None  
OPEN TO: 3, 4  
ENROLLMENT: MAXIMUM: 20  
EXTRA FEES: None

PRIORITY TO: None  
MINIMUM: 5

## MILITARY SCIENCE (60)

### 171 The History of the Military Art

(3)

A seminar: An historical survey of the military art from Classical Greece to the present. Emphasis will be on concepts and developments using specific events as examples.

INSTRUCTOR: Douglas Shoemaker  
PREREQUISITES: A world history course  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 15  
EXTRA FEES: None

LOCATION: On Campus

PRIORITY TO: None  
MINIMUM: 10

## MUSIC (63)

### 002 Private Lessons—Organ

(0-1)

INSTRUCTOR: Gerald Cole  
PREREQUISITES: For students who have studied organ during the first semester.  
OPEN TO: 3, 4  
ENROLLMENT: MAXIMUM: 4  
EXTRA FEES: \$40 for 0 hrs. credit; \$75 for 1 hr. credit

LOCATION: On Campus

PRIORITY TO: 4, 3  
MINIMUM: 1

### 003 Private Lessons—Piano

(0-1)

INSTRUCTOR: Arleen Heggemeier  
PREREQUISITES: For students who have studied piano first semester and enrolled for second semester.  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: Open  
EXTRA FEES: \$40 for 0 hrs. credit; \$75 for 1 hr. credit

LOCATION: On Campus

PRIORITY TO: None  
MINIMUM: Open

## NON-WESTERN STUDIES (66)

### 171 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.

INSTRUCTOR: Reuben Holthaus

LOCATION: On Campus—  
some travel in  
Washington

PREREQUISITES: None  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 30  
EXTRA FEES: Field trips (probably 2), estimated \$10 per student.

PRIORITY TO: None  
MINIMUM: 10

## 172 Readings in Classical Indian Literature

(3)

A survey of the major literary themes, types, and works of classical Indian literature (epic, lyric, drama, tale).

INSTRUCTOR: Melvin Palmer

LOCATION: On Campus

PREREQUISITES: One semester of college English

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 30

MINIMUM: 5

EXTRA FEES: None

## PHILOSOPHY (69)

See Non-Western Studies 171: Asian Studies Seminar: The Old and the New in Contemporary Japan

## PHYSICAL EDUCATION (72)

### 172 Physiology of Exercise

(3)

An examination of the physiology principles governing exercise and training.

INSTRUCTOR: Samuel Case

LOCATION: On Campus

PREREQUISITES: Biology 111

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 30

MINIMUM: 5

EXTRA FEES: Cost of bus fare to a university with an exercise physiology laboratory.

See also English 179: Workshop in Journalism—News and Sports

## POLITICAL SCIENCE (78)

### 171 Field Study of an Emerging Nation

(3)

British Honduras is scheduled to receive its independence within the next year or two. The class will visit the country, interview government leaders, visit developmental programs, study the geography, demography, history, political institutions, and plans for the future of this unique country.

INSTRUCTOR: Robert Weber

LOCATION: Belize, British Honduras

PREREQUISITES: Permission of instructor

OPEN TO: 1, 2, 3, 4

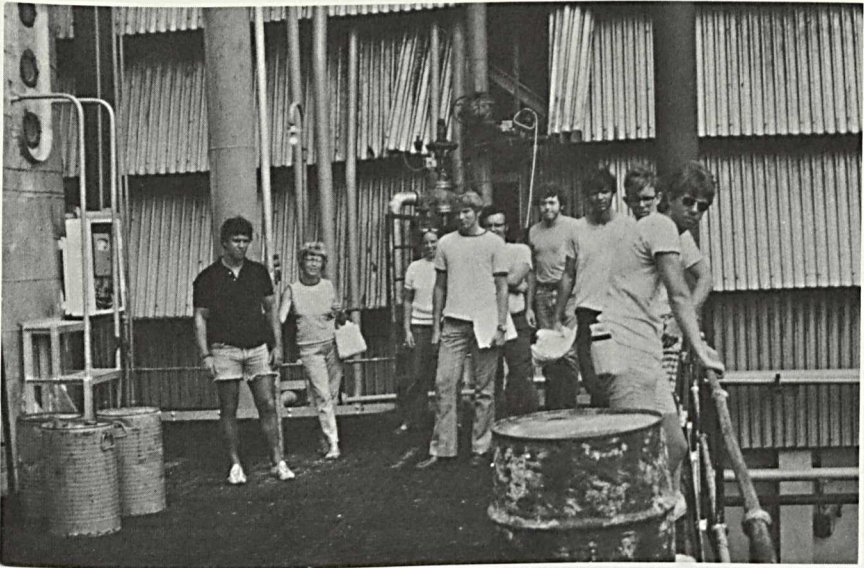
PRIORITY TO: 4

ENROLLMENT: MAXIMUM: 15

MINIMUM: 5

EXTRA FEES: Approximately \$525.





*Students study operation of a sugar cane factory in British Honduras.*

## 172 Internship in Practical Politics

(3)

For four weeks the students will work in the office of an elected representative or perhaps in an executive agency or in a court at local, state, or federal level. An analytical paper describing the internship experience will be required from each participant.

INSTRUCTOR: Staff

LOCATION: Baltimore,  
Annapolis,  
Washington,  
Westminster

PREREQUISITES: Permission of instructor

OPEN TO: 1, 2, 3, 4

ENROLLMENT: MAXIMUM: Open

EXTRA FEES: None except if student must live off campus.

PRIORITY TO: 4, 3, 2, 1

MINIMUM: 1

## PSYCHOLOGY (81)

### 272 Adult Psychology and Literature

(3)

A study of adult personality in literature; e.g., Steppenwolf, Anna Karenina, and Herzog.

INSTRUCTOR: William Miller

PREREQUISITES: Psychology 203

OPEN TO: 2, 3, 4

ENROLLMENT: MAXIMUM: 20

EXTRA FEES: None

LOCATION: On Campus

PRIORITY TO: 2, 3, 4

MINIMUM: 8-10

## RELIGION (84)

### 173 Study Tour: Palestine, Ancient and Modern (3)

A trip to Palestine including visits to archaeological and biblical sites, to Kibbutzim and modern industrial developments and hopefully involving interviews with religious scholars and political leaders.

INSTRUCTORS: C. Crain and I. Zepp  
PREREQUISITES: Permission of instructor  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 40  
EXTRA FEES: Approximately \$650.

LOCATION: Palestine  
PRIORITY TO: None  
MINIMUM: 10

## RUSSIAN (87)

### 172 Study Tour of the Soviet Union (3)

One week of orientation on campus. Two weeks in the Soviet Union: Leningrad, Kiev, Moscow. One week summary discussion.

INSTRUCTOR: Madeline Long  
PREREQUISITES: Permission of instructor  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 15  
EXTRA FEES: Approximately \$600.

LOCATION: Soviet Union  
and on campus  
PRIORITY TO: None  
MINIMUM: 6

## SOCIOLOGY (90)

### 175 Orientation to Social Welfare Agencies (3)

Students will work in selected social welfare agencies for four full days per week learning through both observation and participation the process of delivery of social welfare services. One day a week will be spent on campus in seminar, reading, writing papers and making some field trips. Emphasis will be on a critical analysis of the effectiveness of the service delivery system.

INSTRUCTOR: Mary Ellen Elwell

LOCATION: On and Off  
Campus

PREREQUISITES: None if enough agencies can be recruited; otherwise preference will be given to seniors taking 406 which requires prerequisites of Soc. 307, 308, 405.

OPEN TO: 1, 2, 3, 4

ENROLLMENT: MAXIMUM: 30

EXTRA FEES: Possible transportation costs.

PRIORITY TO: 4  
MINIMUM: 5

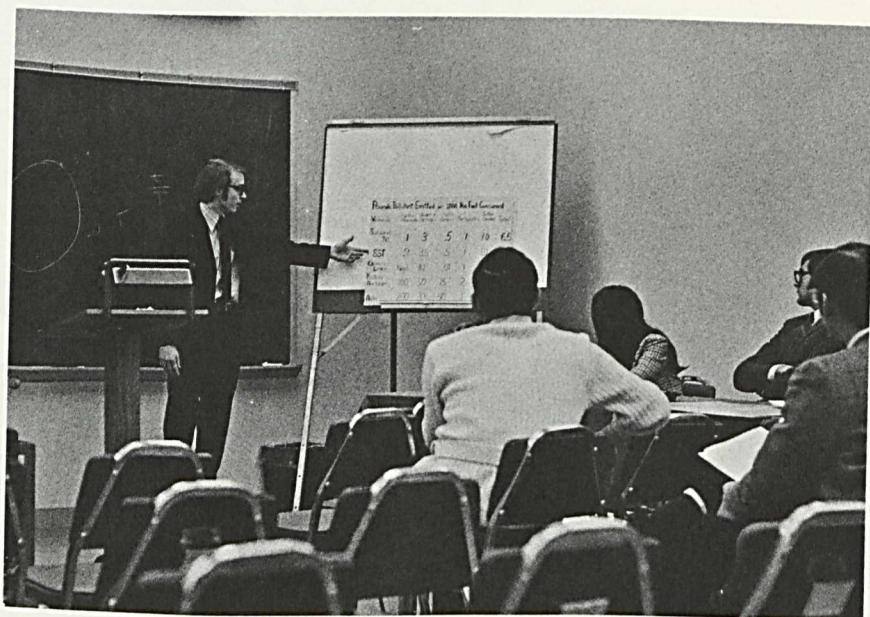
### 176 The 1972 Elections in Sociological Perspective (3)

The analysis of the sociological factors which have influenced the outcome of recent presidential elections and their implications for the 1972 elections.

INSTRUCTOR: Daniel Hadary  
PREREQUISITES: None  
OPEN TO: 1, 2, 3, 4  
ENROLLMENT: MAXIMUM: 30  
EXTRA FEES: None

LOCATION: On Campus  
PRIORITY TO: None  
MINIMUM: 10





Noise and crowd pollution statistics are discussed in an operations research seminar.

### 372 Seminar and Workshop in Operations Research

(3)

Participants will be introduced to an interdisciplinary approach to problem solving, employing the scientific method. The time will be divided between lectures on the techniques and methods of operations research, and problem-oriented project work. *An orientation discussion will be offered Wednesday, September 29, 1971, to familiarize students with the program prior to final registration.*

INSTRUCTORS: National Bureau of Standards Staff; LOCATION: On Campus  
Harry Rosenzweig

PREREQUISITES: None

OPEN TO: 3, 4

ENROLLMENT: MAXIMUM: 20

EXTRA FEES: None

PRIORITY TO: None

MINIMUM: 5

## SPANISH (93)

### 173 Study Tour of Spain

(3)

Visits to museums and public buildings of central and southern Spain: Madrid, Toledo, Segovia, Cordova, Granada, Seville. Study of Spanish language and culture.

INSTRUCTOR: Georgina Rivers

PREREQUISITES: Spanish 109; permission of instructor

OPEN TO: 1, 2, 3, 4

ENROLLMENT: MAXIMUM: 20

EXTRA FEES: Approximately \$525.

LOCATION: Spain

PRIORITY TO: None

MINIMUM: 10

# SPECIAL STUDIES

(ALL DEPARTMENTS)

191; 291;  
351; 352;  
391; 451;  
452; 491

Special Studies in (Department)

(0-3)

This course is included in the January Term to provide an opportunity for additional or continued work on special projects, honors papers, etc. It also provides for independent work in some field outside the student's major. *All students who plan to be on campus for this type of research or special studies work must be enrolled in this course, regardless of the credit involved.*

INSTRUCTOR: Any faculty member

LOCATION: On or off Campus

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

OPEN TO: 1, 2, 3, 4



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## CHANGES IN THE JANUARY TERM 1972 CATALOGUE

DELETE :      Biology 171      *Experimental Design in Biology*

ADD : Biology 273 Biochemistry (3)

The chemistry of compounds important in living organisms and the chemical aspects of life processes. Intended for students with limited background in chemistry.

*Instructor:* Michael Brown      *Location:* On campus

*Prerequisites:* Chemistry 103,104 or Chemistry 105,106

Open to: 2, 3, 4                      Priority to: None

Enrollment: Maximum: 25 Minimum: 8

*Extra Fees:* None

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Chemistry 272 Pollution Chemistry (3)

A study of the chemistry of the causes, effects, and possible control of pollution in our environment.

*Instructor:* Richard Smith                      *Location:* On campus

*Prerequisites:* Chemistry 103, 104, 303

Open to: 2, 3, 4                      Priority to: 3, 4

Enrollment: Maximum: 15 Minimum: 5

Extra Fees: None

\* \* \* \* \*

English 180 Journal into Fiction: A Modern Alchemy of Mind (3)

Students will keep detailed personal journals. They will evaluate the process of journal writing and will consider how their journals might be translated into articulate autobiography and into fiction. At the same time, students will study intensively a few major novels of consciousness. They will be asked to contrast their own autobiographical experience with the autobiographical matter they are discovering and interpreting in the novels.

*Instructor:* Robert Sapora                      *Location:* On campus

*Prerequisites:* None

Open to: 1, 2, 3, 4                      Priority to: 4, 3, 2, 1

Enrollment: Maximum: 25 Minimum: 10

Extra Fees: None

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History 176    Colonial Life and Culture    (3)

Basic problems involved in the study and interpretation of the colonial heritage, emphasizing techniques for the ecological and geographical aspects of the study; folk life, history of the region, bibliographical materials.

*Instructor:* Floyd Flickinger \*

*Location:* On campus

*Prerequisites:* Some study of American history in high school

*Open to:* 1, 2, 3, 4    or college    *Priority to:* 3, 4

*Enrollment: Maximum:* 40

*Minimum:* 10

*Extra Fees:* \$2 - \$3 for field trips

\* \* \* \* \*

Religion 271    Personalities of the Reformation in    (3)  
Contemporary Literature

Reading and study of the following recent plays and biographies: (1) Thomas More - R. Bolt's A Man for All Seasons and R. W. Chambers' Thomas More; (2) Erasmus-R. H. Bainton's Erasmus of Christendom; (3) Martin Luther-E. Erickson's Young Man Luther, J. Osborne's Luther, and R. H. Bainton's Here I Stand; (4) T. Muntzer - E. G. Rupp's Patterns of Reformation.

*Instructor:* Charles Crain

*Location:* On campus

*Prerequisites:* None

*Open to:* 2, 3, 4 and to Freshmen    *Priority to:* None  
with the permission of the instructor

*Enrollment: Maximum:* 20

*Minimum:* 8

*Extra Fees:* Small fee to cover the cost of film rentals

\* Mr. Flickinger is a visiting instructor for the January Term. He holds the master's degree and is a member of the Maryland Commission on the Bicentennial of the American Revolution.