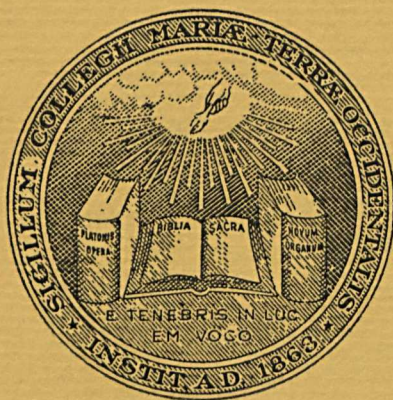


THE JANUARY TERM 1971



WESTERN MARYLAND COLLEGE
Westminster, Maryland 21157

COLLEGE CALENDAR

FIRST SEMESTER

1970-1971

- September 12, Saturday, 9:00 A.M.-12:00 M.—Registration of freshmen and transfer students.
September 12 to September 15—Orientation period for freshmen and transfer students.
September 15, Tuesday, 9:30 A.M.—Registration for all other students.
September 16, Wednesday, 8:00 A.M.—The daily class schedule begins.
September 16, Wednesday, 10:00 A.M.—Fall Convocation.
September 30, Wednesday—Last date for course changes.
October 5 to October 9—Registration for the January Term.
November 2, Monday, 9:00 A.M.—Midsemester grades reported to Registrar's Office.
November 18, Wednesday—Last date for withdrawal from courses without penalty.
November 24, Tuesday, 5:00 P.M.—Thanksgiving recess begins.
November 29, Sunday, 11:30 P.M.—Thanksgiving recess ends.
December 18, Friday, 5:00 P.M.—First semester classes end. Christmas recess begins.

1971

- January 3, Sunday, 11:30 P.M.—Christmas recess ends.
January 4, Monday—Reading Period.
January 4, Monday, 1:00 P.M.—First semester examinations begin.
January 12, Tuesday—First semester examinations end.

JANUARY TERM

- January 14, Thursday, 8:00 A.M.—January Term begins.
February 3, Wednesday, 5:00 P.M.—January Term ends.

SECOND SEMESTER

1971

- February 8, Monday, 8:00 A.M.-10:00 A.M.—Registration of new students and schedule changes.
February 8, Monday, 10:00 A.M.—First four Monday classes will meet for twenty-five minutes each. All other classes will meet as scheduled.
February 22, Monday—Last date for course changes.
March 19, Friday, 5:00 P.M.—Spring recess begins.
March 22, Monday, 9:00 A.M.—Midsemester grades reported to Registrar's Office.
March 28, Sunday, 11:30 P.M.—Spring recess ends.
April 21, Wednesday—Last date for withdrawal from courses without penalty.
April 26, Monday, 1:00 P.M.—Institutional administration of Undergraduate Record Examination.
May 2, Sunday, 7:15 P.M.—Honors and Investiture Convocation.
May 21, Friday, 5:00 P.M.—Second semester classes end.
May 22, Saturday—Second semester examinations begin.
May 29, Saturday—Second semester examinations end.
June 6, Sunday—Commencement.

The January Term 1971

Second Annual Edition

Western Maryland College Catalogue

Westminster, Maryland 21157
(Telephone 301-848-7000)
September, 1970

WESTERN MARYLAND COLLEGE

THE JANUARY TERM

1971

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Philip Blettner Schaeffer, A.B., *Treasurer and Business Manager*
James Edward Lightner, A.B., A.M., Ph.D., *Director of the January Term*
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Calvin Wray Mowbray, Jr., A.B., A.M., *Dean of Men*
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Marjorie Little Spangler, A.B., *Associate Registrar*
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FACULTY

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DAVID WEBB HERLOCKER, A.B., M.S., Ph.D. Assistant Professor of Chemistry
JULIA TAYLOR HITCHCOCK, B.Mus.Ed. B.Mus. Instructor in Music
JAMES LOUIS JORDY, B.S., M.T.S. Assistant Professor of Mathematics
ROBERT WEST LAWLER, A.B., A.M., Ph.D. Assistant Professor of English
MADELINE BERGEROVA LONG Special Instructor in Modern Languages
ELIZABETH HELEN McDEARMON, A.B., A.M. ... Instructor in Modern Languages
EDMUND EUGENE MAKOSKY, A.B., A.M. Instructor in Physics
LEROY LAD PANEK, A.B., A.M., Ph.D. Assistant Professor of English
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Associate Professor of English
KEITH NORTON RICHWINE, B.S.Ed., A.M., Ph.D., Associate Professor of English
EDITH FARR RIDINGTON, A.B., A.M. Special Instructor in Classics
WILLIAM ROBBINS RIDINGTON, A.B., A.M., Ph.D. Professor of Classics
GEORGINA SABAT GUERNICA RIVERS, A.M., Ph.D.,
Associate Professor of Modern Languages
MARY LOUISE SHIPLEY, A.B. Associate Professor of Art
OLIVER KINGSLEY SPANGLER, A.B., B.Mus., M.Mus.,
Associate Professor of Music
HAROLD RAY STEVENS, A.B., Ph.D. Associate Professor of English
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WILLIAM LIVINGSTON TRIBBY, A.B., A.M., Ph.D.,
Associate Professor of Dramatic Art
ROBERT JOSEPH WEBER, B.S., A.M., Ph.D., Assistant Professor of Political Science
PETER DEMERTON YEDINAK, B.S., A.M., Ph.D. Assistant Professor of Physics
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DONALD RICHARD ZAUCHE, A.B., A.M.,

Assistant Professor of Modern Languages

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 1968, however, the Faculty approved a curricular and calendar experiment for two years, one in which the College would retain its standard two semester organization while incorporating a three-week January Term between the semesters. During this time the student would enroll in one course or pursue one topic in depth. The January Term concept is a popular one with both educators and students; well over 100 colleges now incorporate such a term with success and satisfaction. The first year of the Western Maryland experiment proved to be successful, and the College is now in the process of considering what curricular and calendar change, if any, it wishes to adopt to involve a January Term or other curricular experiments.

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 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 individualized 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 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 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 in the two regular semesters at Western Maryland.

The day by day operation of each particular program will depend upon its nature. In some cases, all or part of the work will be done off campus. Enrollment in most on-campus courses is 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 experimental January Term is *voluntary* on the part of each student. 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, 1971. 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, 1970, all students who wish to participate in the January Term should formally register during the registration period, October 5-9. 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, 1971*. (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 Director 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).

All courses taken in the January Term will count toward graduation. Certain courses will not, however, meet college requirements or departmental major requirements.

EXPENSES

Because of the nature of this experimental program the College has made every effort to keep the fees for the January Term to a minimum. There will be no extra tuition charge assessed of full-time students at Western Maryland College for any of the courses or projects. (Faculty members involved will be providing their time and efforts gratis, as a contribution to the experiment.) Part-time students and students who will enroll as full-time students in February will be charged the regular tuition fee of \$50.00 per semester hour for each hour of credit for the January Term. There *may* be special fees attached to certain courses to provide for extra materials, transportation, etc.; these are clearly indicated in the catalogue if they are required.

There will be a \$50.00 board fee charged, covering only the costs of food for the three week period for resident students. If a course or project requires that the student be off campus for a certain number of meals, the cost of these will be prorated and returned to him (to assist him in meeting his off-campus meal expenses). There will be no board fee charged for those students whose work is done entirely off campus.

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, 1971.

COURSES OF INSTRUCTION

ART (03)

171 Experimental Art

(2)

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

INSTRUCTOR: Staff

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 3, 4

ENROLLMENT: MAXIMUM: 30

MINIMUM: 8

EXTRA FEES: Materials needed for the course

BIOLOGY (09)

271 Marine Biology

(3)

A study of marine biology with emphasis on local intertidal ecology. Students will undertake a project in an area of interest.

INSTRUCTOR: Samuel Alspach

LOCATION: University of
South Florida,
Tampa

PREREQUISITES: Biology 201 and permission of Instructor

OPEN TO: 2, 3, 4

PRIORITY TO: 3, 4

ENROLLMENT: MAXIMUM: 15

MINIMUM: 10

EXTRA FEES: Approximately \$200 covering room, meals, transportation, laboratory and marine equipment.

CHEMISTRY (15)

271 Chemical Applications of Group Theory

(3)

A brief study of the elements of group theory, matrices, and quantum mechanics, followed by chemical applications of the principles. Topics covered will include various bonding theories and molecular vibrations.

INSTRUCTOR: David Herlocker

LOCATION: On Campus

PREREQUISITES: Chemistry 104, Mathematics 115

OPEN TO: 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: Open

MINIMUM: 5

EXTRA FEES: None

- 372
1. Stereochemistry
 2. Organic Reaction Mechanisms
 3. Chemistry of the Sugars

(2)

See instructor for details about each possibility. Final decision on the topic to be studied will be made by the group enrolled.

INSTRUCTOR: Lloyd Straughn

LOCATION: On Campus

PREREQUISITES: Chemistry 303 and permission of the Instructor

OPEN TO: 3, 4

PRIORITY TO: 4

ENROLLMENT: MAXIMUM: 10

MINIMUM: 3

EXTRA FEES: None

CLASSICS (18)

171 An Introduction to Classical Art and Archaeology (3)

Major characteristics of classical art and archaeology from Minoan-Mycenaean times into the Roman period. Archaeological methods, architecture, sculpture, vase painting, and frescoes will be treated. *The course is designed as an introductory course and does not require prior study in the fields of art or of archaeology.*

INSTRUCTORS: W. Ridington and E. Ridington LOCATION: On Campus, with visits to art galleries

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

ENROLLMENT: MAXIMUM: 25

EXTRA FEES: Cost of transportation to galleries

PRIORITY TO: 3, 4

MINIMUM: 4

COMPUTER SCIENCE (19)

171 Introduction to the Use of the Digital Computer (3)

An Introduction to the use of FORTRAN for solution of simple computational tasks. An introduction to the use of remote terminals at Western Maryland College.

INSTRUCTOR: Hugh Dawkins

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

ENROLLMENT: MAXIMUM: 10

EXTRA FEES: None

LOCATION: On Campus

PRIORITY TO: 1, 2,

MINIMUM: 5

DRAMATIC ART (21)

271 Experiments in the Contemporary Theatre: Off-Off-Broadway (3)

A study of the plays, personalities, and theatres currently on Off- and Off-Off-Broadway, concentrating on Greenwich Village and the East Village.

INSTRUCTOR: William Tribby

LOCATION: 3 days on campus; 12 days in Greenwich Village

PREREQUISITES: Permission of Instructor

OPEN TO: 2, 3, 4

PRIORITY TO: 3, 4 and those who have demonstrated an interest in theatre

ENROLLMENT: MAXIMUM: 15

MINIMUM: 6

EXTRA FEES: Approximately \$200 to cover room, board, transportation, and theatre tickets

ECONOMICS (24)

271 Personal Finance

(3)

A study of personal lifetime financial plans including savings, buying the home, life insurance, investments, annuities, and estates. Included in the course work will be a one- or two-day trip to New York City to see the New York and American Stock Exchanges in action.

INSTRUCTOR: Ann Coffey

LOCATION: On Campus

PREREQUISITES: Economics 201, 202; or Economics 201 and permission of the Instructor

OPEN TO: 2, 3, 4

PRIORITY TO: 4

ENROLLMENT: MAXIMUM: 25

MINIMUM: 8

EXTRA FEES: Cost of transportation and possible overnight accommodations in New York City

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 30, 1970, to familiarize students with the program prior to final registration.*

INSTRUCTORS: National Bureau of Standards Staff; LOCATION: On Campus
Robert Boner and at the

National Bureau
of Standards

PREREQUISITES: None

OPEN TO: 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 20

MINIMUM: 5

EXTRA FEES: None

EDUCATION (27)

171 Innovations in Teaching

(3)

A discussion of the innovations in education, with frequent field trips to study them in operation.

INSTRUCTORS: S. Bowlsbey and D. Patrick

LOCATION: On Campus, with
field trips

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 3, 4

ENROLLMENT: MAXIMUM: 10

MINIMUM: 5

EXTRA FEES: Cost of transportation and possible overnight accommodations

ENGLISH (30)

175 American Literature in the Modern South

(3)

Study of novels, stories, poems, and essays by modern Southern writers, especially "The Fugitives."

INSTRUCTOR: Robert Lawler

LOCATION: On Campus

PREREQUISITES: None; one literature course is preferred

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 20

MINIMUM: 10

EXTRA FEES: None

176 The Angry Decade: The Literature of the 1930's (3)

A multi-method approach to decade study, including lectures, seminars, special media presentations, and independent study. Working within a common framework, the student may design a program to suit his interests.

INSTRUCTORS: R. Phillips and K. Richwine

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 50

MINIMUM: 40

EXTRA FEES: Possible costs of some of the media (a few dollars)

177 A Literary and Historical Tour of England, Scotland, and Ireland (3)

Three weeks of travel and study in the United Kingdom and Ireland. Major emphasis will be given to London, Edinburgh, and Dublin. Among things tentatively scheduled are visits to places of literary interest (Shakespeare's Stratford, Wordsworth's Lake District, Scott and Burns Country), Canterbury, Oxford, historical landmarks, and a few evenings at theatres and concerts.

INSTRUCTOR: Ray Stevens

LOCATION: United Kingdom
and Ireland

PREREQUISITES: An interest in British and Irish culture

OPEN TO: 1, 2, 3, 4

PRIORITY TO: English and
History Majors

ENROLLMENT: MAXIMUM: 20

MINIMUM: 10

EXTRA FEES: Approximately \$500

272 Shakespeare and the Film (3)

Screening and discussion of six or seven film versions of Shakespeare's plays from Gielgud and Olivier to Mickey Rooney in *Midsummer Night's Dream*. *This course does not count toward the basic requirements in literature for graduation.*

INSTRUCTOR: Leroy Panek

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 2, 3, 4

PRIORITY TO: English and
Dramatic Art
Majors

ENROLLMENT: MAXIMUM: 25

MINIMUM: 20

EXTRA FEES: \$10 to help pay the cost of rental of films

FRENCH (33)

172 Study Tour of Paris: The Significance of Paris as a Metaphor in the Development of French Culture (3)

INSTRUCTOR: William Cipolla

LOCATION: Paris and
Suburbs, France

PREREQUISITES: French 110 or equivalent

OPEN TO: 1, 2, 3, 4

ENROLLMENT: MAXIMUM: 10

PRIORITY TO: 3, 4

MINIMUM: 7

EXTRA FEES: Approximately \$550

GENERAL SCIENCE (36)

172 Famous Men of Science (3)

Study of approximately fifteen outstanding men from several sciences. Each study will consist of a biography of the scientist, a discussion of his experiments or theories, and a look at his effect on the history of science.

INSTRUCTOR: Peter Yedinak

LOCATION: On Campus

PREREQUISITES: Interest in science and its history

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 25

MINIMUM: 10

EXTRA FEES: None

173 Science in the Life of Man (3)

An inquiry into the effects that the natural sciences have on contemporary culture in such areas as the arts, literature, philosophy, government, and economics.

INSTRUCTOR: William Achor

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 25

MINIMUM: 10

EXTRA FEES: None

GERMAN (42)

173 Three weeks of Travel and Study in Germany-Austria (3)

A cultural tour of three major geographical areas: the German and Austrian Alps, the Black Forest, East and West Berlin.

INSTRUCTOR: Donald Zauche

LOCATION: Germany-Austria

PREREQUISITES: German 109 or the equivalent; permission of Instructor

OPEN TO: 1, 2, 3, 4

PRIORITY TO: German majors

ENROLLMENT: MAXIMUM: 10

MINIMUM: 8

EXTRA FEES: Approximately \$500-\$600

HISTORY (48)

172 The Dutch Republic in the Age of Rembrandt and Vermeer (3)

An evaluation of the art and culture produced by the political, social, and economic freedom in the most successful state of the seventeenth century.

INSTRUCTOR: Cornelius Darcy

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: Open

MINIMUM: Open

EXTRA FEES: None

173 Nazi Germany (3)

A unified survey of National Socialism in Germany from 1930 to 1945, including its economic, social, military, and political ramifications. Time will also be devoted to examining the implications of National Socialism on European and International affairs.

INSTRUCTOR: Richard Titlow

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 2, 3, 4

ENROLLMENT: MAXIMUM: Open

MINIMUM: 5

EXTRA FEES: None

INTERDISCIPLINARY STUDIES (50)

- 171 Independent Study Project I** (0-3)
 INSTRUCTOR: William Tribby LOCATION: On or off Campus
 PREREQUISITES: Participation in the Second-Track Curriculum Experiment;
 Permission of the Instructor
- 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

MATHEMATICS (57)

- 173 Mathematics for the Liberal Arts Student** (3)
 If you don't like mathematics or if you are afraid to take a college mathematics course, this is the course to take to see that mathematics is fun and interesting!
 INSTRUCTOR: James Jordy LOCATION: On Campus
 PREREQUISITES: No college mathematics
 OPEN TO: 1, 2, 3, 4
 ENROLLMENT: MAXIMUM: Open PRIORITY TO: None
 EXTRA FEES: None MINIMUM: Open
- 371 Trends and Topics in Applied Mathematics** (3)
 Selected topics with applications to the natural, physical, and social sciences. Included will be a three-day trip to the annual meeting of the Mathematical Association of America in Atlantic City, January 23-25, 1971.
 INSTRUCTOR: Lowell Duren LOCATION: On Campus
 PREREQUISITES: Mathematics 204 and permission of Instructor
 OPEN TO: 3, 4 PRIORITY TO: None
 ENROLLMENT: MAXIMUM: Open MINIMUM: Open
 EXTRA FEES: Cost of transportation and overnight accommodations in Atlantic City
- 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 30, 1970, to familiarize students with the program prior to final registration.*
 INSTRUCTORS: National Bureau of Standards Staff; LOCATION: On Campus
 Robert Boner and at the
 National Bureau
 of Standards
 PREREQUISITES: None
 OPEN TO: 3, 4 PRIORITY TO: None
 ENROLLMENT: MAXIMUM: 20 MINIMUM: 5
 EXTRA FEES: None

MUSIC (63)

172 Avant Garde Music

(3)

A study of the newest techniques of music creation.

INSTRUCTOR: Staff

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 10

MINIMUM: 8

EXTRA FEES: Materials for course; transportation for field trips.

173 College Choir Tour

(0-1)

Daily rehearsals in preparation for a concert of sacred and secular music, culminating in a short concert tour in the Maryland-Delaware-Virginia area. *This course may be taken for 0 credit, together with another January Term course. Rehearsal schedule and tour dates will be arranged accordingly.*

INSTRUCTOR: Oliver Spangler

LOCATION: On Campus
and on tour

PREREQUISITES: Membership in the College Choir during the semester preceding the January Term.

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 40

MINIMUM: 30 (with a balance
among the voice
parts)

EXTRA FEES: Cost of some meals while on tour

PHYSICS (75)

171 Concepts of Automotive Engineering

(3)

A low-level mathematical analysis of all the basic automotive systems—engine systems, transmissions, brakes, suspensions, etc.—plus current and future developments.

INSTRUCTOR: Edmund Makosky

LOCATION: On Campus

PREREQUISITES: Interest in automobiles

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 20

MINIMUM: 10

EXTRA FEES: Cost of transportation to the General Motors Assembly Plant.

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: William David

LOCATION: Belize, British
Honduras

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

ENROLLMENT: MAXIMUM: 15

PRIORITY TO: 4

EXTRA FEES: Approximately \$450

MINIMUM: 5

172 Internship in Practical Politics**(3)**

For three weeks the student would 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: Robert Weber**LOCATION:** Baltimore,
Annapolis,
Washington,
Westminster**PREREQUISITES:** Permission of Instructor**OPEN TO:** 1, 2, 3, 4**ENROLLMENT: MAXIMUM:** Open**EXTRA FEES:** None**PRIORITY TO:** 4, 3, 2, 1**MINIMUM:** 1**RELIGION (84)****171 Religious Themes in Modern Literature****(3)**

A study of present literature with special attention to the symbolic figures, themes, and ideas of a religious dimension, to examine their meaning and relate them to the teachings and insights of religion itself. *This course does not count toward the basic requirements in religion for graduation.*

INSTRUCTOR: Robert Hartman**PREREQUISITES:** None**OPEN TO:** 1, 2, 3, 4**ENROLLMENT: MAXIMUM:** 25**EXTRA FEES:** None**LOCATION:** On Campus**PRIORITY TO:** None**MINIMUM:** 5**172 Theological Dialogue among Jews, Catholics, and Protestants****(3)**

Representatives of Judaism, Roman Catholicism, and Protestantism will present the basic beliefs of each religious position and discuss the points of tension and promise in the three religious communities. *This course does not count toward the basic requirements in religion for graduation.*

INSTRUCTOR: Charles Crain**PREREQUISITES:** None**OPEN TO:** 1, 2, 3, 4**ENROLLMENT: MAXIMUM:** 20**EXTRA FEES:** An extra fee may be charged to cover the expenses of the invited lecturers who will assist with the course.**LOCATION:** On Campus**PRIORITY TO:** None**MINIMUM:** 12**RUSSIAN (87)****172 Three Weeks of Travel and Study in the Soviet Union****(3)**

A trip to Moscow, Leningrad, and the Black Sea. Study of the Russian culture, history, and contemporary life.

INSTRUCTOR: Madeline Long**PREREQUISITES:** At least one semester of Russian or permission of Instructor**OPEN TO:** 1, 2, 3, 4**ENROLLMENT: MAXIMUM:** 12**EXTRA FEES:** Approximately \$750**LOCATION:** Soviet Union**PRIORITY TO:** None**MINIMUM:** 6

SOCIOLOGY (90)

173 Problems of the Inner-City

(3)

Selected problems such as housing, education, health care will be studied in-depth both through an exposure to the literature and the experience of living in the inner-city and visiting agencies. The program will be in cooperation with Brotherhood Pilot House in Baltimore City.

INSTRUCTOR: Mary Ellen Elwell

LOCATION: On Campus
2 weeks. In
Baltimore 1 week

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: 3, 4

ENROLLMENT: MAXIMUM: 16

MINIMUM: 10

EXTRA FEES: \$100-\$125 for expenses for living in Baltimore.

271 Crime, Law Enforcement, and Treatment of the Offender

(3)

In-depth study of causes and treatment of crime, with visits to courts, prisons, prisoners' aid, and a half-way house.

INSTRUCTOR: Ronald Tait

LOCATION: On Campus
2 weeks. In
Baltimore 1 week

PREREQUISITES: Sociology 101, 205

OPEN TO: 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 9

MINIMUM: 6

EXTRA FEES: Approximately \$125 to cover costs of living in Baltimore.

272 Cultural Anthropology of Africa South of the Sahara

(3)

A study in-depth of selected culture areas of Africa. Study in museums will be supplemented by films and readings.

INSTRUCTOR: Earl Griswold

LOCATION: On Campus with
frequent
museum visits

PREREQUISITES: Sociology 201 or 303

OPEN TO: 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 30

MINIMUM: 12

EXTRA FEES: Transportation to museums in Washington. If the group decides to spend several days in New York City to take advantage of museums there, there will be additional costs.

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 30, 1970, to familiarize students with the program prior to final registration.*

INSTRUCTORS: National Bureau of Standards Staff; LOCATION: On Campus and
Robert Boner and at the
National Bureau
of Standards

PREREQUISITES: None

OPEN TO: 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 20

MINIMUM: 5

EXTRA FEES: None

SPANISH (93)

172 Hispanic Culture (Spain and Latin America)

(2)

A Survey of Spanish and Latin American Culture, given in English. The course will include art, literature, history, geography, and the peoples of these regions. Lectures and discussions will be supplemented with slides.

INSTRUCTORS: G. Rivers and E. McDearmon

LOCATION: On Campus

PREREQUISITES: None

OPEN TO: 1, 2, 3, 4

PRIORITY TO: None

ENROLLMENT: MAXIMUM: 25

MINIMUM: 12

EXTRA FEES: None

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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