

MACALESTER COLLEGEINTERIM TERM, JANUARY 1966ART DEPARTMENT

Title: The History of the Graphic Arts
Instructor: Donald Celender
Description: The course will be an introduction to the various possible methods of criticism, interpretation and evaluation in the history of graphic arts from the fifteenth century to the contemporary periods with special emphasis on the twentieth century. The course will include group lectures (with the use of slides and films), group discussions, assigned readings, one assigned paper, a studio problem in graphics and individual and group field trips to print collections of local art centers.

Enrollment: 30
Prerequisite: None

Title: Beginning and Intermediate Sculpture
Instructor: Anthony Caponi
Description: This course consists of two hours of instruction in the morning, with presentation and discussion of sculpture, through slides, films and demonstrations, followed by uninterrupted work by the students. The practical work will be done primarily in clay and plastic wax. More advanced processes in ceramic, bronze and welding can be pursued on an individual basis, as determined by need and ability to carry on the work with minimum assistance. Visits to art galleries will be scheduled according to available exhibitions during the term.

Enrollment: 20
Prerequisite: None

BIOLOGY DEPARTMENT

- Title: Biological Instrumentation
Instructor: Eddie Hill (in charge) and Chester Shiflett
Description: The theory and use of selected instruments in biological research. The course will emphasize theory of the instruments and the processes to which they are applied. Laboratory instruction will direct major attention to the rational use of the instruments in research, and analysis of data obtained.
- Enrollment: 20
Prerequisite: At least one course in biology and chemistry, and consent of the instructor.
- Title: Evolution
Instructor: Edwin Robinson
Description: A study of the Darwinian theory of evolution and the personalities prominent in its propagation. The historical development of the theory to the present day, and its implications for human society, will be emphasized.
- Enrollment: 60
Prerequisite: None
- Title: Desert Biology (Off-campus)
Instructor: L. D. Frenzel
Description: Field and laboratory studies of the biology of desert communities with an ecological approach. Emphases will be given to the fauna, flora, and physical environment of selected communities in the region of the University of Arizona Desert Biology Station, Superior Arizona.
- Enrollment: 24
Prerequisite: Two-thirds of the class will be biology majors and one-third non-science majors having completed Biology 11. Past scholastic performance will be significant in selection of students for the course.
- Cost: \$225. Final arrangements of transportation and accommodations will be completed after registration.
- Title: Winter Ecology (Off-campus)
Instructor: J. A. Jones
Description: A study of natural communities in Minnesota under winter conditions with field and laboratory studies directed toward understanding the physical, chemical, and biological components of biotic communities. Extensive studies will be conducted afield in the three biomes of Minnesota with considerable field work being carried out at the Cedar Creek Natural History Area, Wilder Natural Area, Whitewater State Park, Itasca, The Wilderness Boundary Waters Canoe Area, and the Mississippi and Minnesota River bottom lands. Laboratory and seminar sessions will involve reviewing pertinent ecological literature

BIOLOGY DEPARTMENT, CONT.

instrumentation, analyses of data collected in the field and topic discussions. Transportation will be by private car on a cost/mile/student basis. Costs of meals and lodging will be a cost per student basis also.

Enrollment: 25

Prerequisite: Consent of instructor with preference given to biology majors and other students who have completed Biology 11 or its equivalent.

Title: Marine Biology (Off-campus)

Instructor: James Smail

Description: To be taught in cooperation with the Florida State University at its Oceanographic Institute, Alligator Point, Florida. Consists of field and laboratory studies of the physical and biotic environments of different groups of marine animals and plants, analysis of selected representative ecological situations, and study of the structure and taxonomy of marine invertebrate animals and lower plants. The subjects will be presented in a combination of field study, field collections, laboratory work and lectures.

Enrollment: 17

Prerequisite: Preference given to biology majors

Cost: \$250

CHEMISTRY DEPARTMENT

Title: Organic Structure Determination by Spectral Methods.

Instructor: John H. Scott

Description: A study will be made of infrared, ultraviolet, mass, and nuclear magnetic resonance spectroscopy and the applications of these techniques in the determination of the structures of organic molecules. Each of the topics will be introduced by lectures after which readings and problems will be assigned. If the class is larger than 12, it will be divided into smaller sections for discussion of the readings and problems. The laboratory will cover the use of infrared and ultraviolet spectrophotometers and will be on an arranged basis.

Enrollment: 20

Prerequisite: At least one semester of Organic Chemistry.

Title: Crystal Structure Determination by X-Ray Methods (joint offering of Geology and Chemistry)

Instructors: Henry Lepp and Emil Slowinski

Description: A course of study of the methods by which X-ray diffraction spectra can be used to determine the internal structures of crystals. Concepts developed in lecture and discussions will be illustrated and applied in the laboratory sessions. The student will be expected to learn how to obtain X-ray spectra and how to use the spectra to identify substances and establish the atomic arrangements and distances in typical crystals.

Enrollment: 20

Prerequisite: Mathematics 21 (open to freshmen)

Title: Chemistry of Coordination Compounds

Instructor: Wayne Wolsey

Description: This course will involve the historical development of coordination chemistry leading up to the contemporary theories of bonding. The relationship of structure and bond type will be discussed. Laboratory work on the factors which affect the stability of coordination compounds will accompany the course.

Enrollment: 15

Prerequisite: Chemistry 12 or 13

CHEMISTRY DEPARTMENT, CONT.

Title: Chemistry - A Laboratory Science
Instructor: Chester Shiflett and Clarence Epps
Description: A laboratory course in introductory chemistry designed for the non-science major. Experiments will be performed to acquaint the student with some of the fundamental principles of chemistry and their practical applications. The approach will be primarily qualitative and non-mathematical. Discussion sessions will be devoted to interpreting and planning the laboratory work.
Enrollment: 20
Prerequisite: None

ECONOMICS DEPARTMENT

- Title: The Economics of Emerging Nations
Instructor: James Weekly
Description: The course will deal with the economic conditions which characterize the emerging or developing nations, and with the economic problems confronting these nations. It will include a broad survey of contemporary economic thought in the area of development, and a study of the programs and procedures which are being utilized to achieve a more rapid rate of economic growth in these countries. Class sessions will be lecture and discussion and an attempt will be made to secure guest speakers who can offer insights based upon their own experiences in the developing countries.
- Enrollment: 30
Prerequisite: Some background in economics or in international relations desirable but not essential.
- Title: Introduction to Mathematical Economics
Instructor: Melvyn L. Meer
Description: Review of Mathematical Techniques prominent in the economic literature with emphasis on constrained maxima and minima (including second order conditions) and elements of matrix algebra as well as sets. Applications to basic topics in modern micro and macro economic analysis. These will include a discussion of consumer theory, the theory of production, income distribution, and the Keynesian Neo-classical Macroeconomic Model.
- Enrollment: Unlimited
Prerequisite: One college level calculus course is highly recommended although the course will be entirely self-developed.
- Title: Local Government Financing
Instructor: Leland C. Lehman
Description: The course will deal with the financing of local governments in the United States. Chief emphasis will be on financing our larger cities, i.e. standard metropolitan areas. Consideration will be given to both expenditure patterns and revenue sources and the change in each over the past twenty years.
- Enrollment: 30
Prerequisite: Open to anyone with an interest in local government financial problems

EDUCATION DEPARTMENT

- Title: Student Teaching (Secondary Level)
Instructors: R. B. Dierenfield and H. Y. Williams
Description: Students intending to become secondary teachers spend all day at a public school in the Twin Cities metropolitan area. They teach three classes each day under the direction of an experienced instructor in their major area of concentration. In addition they engage in observation, consultation and planning activities which will give them experience in other aspects of school operation.
- Enrollment: Limited
Prerequisite: Approval of selection committee
Cost: \$25
- Title: Student Teaching (Elementary Level)
Instructors: Nancy Johanson, Thomas Faix, Meaunena O'Brien, Jean Lyle
Description: Students intending to become elementary teachers spend all day at a public school in the Twin Cities metropolitan area. They instruct classes under the supervision of an experienced teacher and engage in observation, consultation and planning activities which will give them experience in most aspects of school operation.
- Enrollment: Limited
Prerequisite: Approval of selection committee
Cost: \$25

ENGLISH DEPARTMENT

- Title: The Theater of the Absurd
Instructor: Jean Congdon
Description: Modern drama from Pirandello and Strindberg to Albee; this is a major modern movement in the drama. To acquaint the student with the historical and cultural backgrounds and the basic trends of the movement called The Theater of the Absurd.
Enrollment: 35
Prerequisite: None
- Title: The Theory and Practice of Hell
Instructor: Alvin Greenberg and Leonard Brill
Description: The 20th century has been called an Age of Enormity. This course will explore some of the social and political aspects of that enormity through an examination of contemporary books and films. Two major institutions to be studied will be death camps and the Bomb.
Enrollment: 40
Prerequisite: None
- Title: The American Eve, The Heroine in Nineteenth Century American Fiction
Instructor: George Bowen
Description: This course will examine various feminine characters in the works of American novelists on the tentative assumption that some important things can be said about American fiction by means of this approach. Hawthorne, James, Adams, and Howells are the principal authors to be studied.
Enrollment: 10 or 12
Prerequisite: Permission of the instructor.
- Title: The Art of Poetry
Instructor: William Hunter
Description: A study of the techniques of poetry -- verse forms, metaphor, and so on, with particular emphasis upon applying this information to particular poems. Students will be required to write poems of their own as a means of understanding better the technical side of this form of literature.
Enrollment: Unlimited
Prerequisite: None.

ENGLISH DEPARTMENT, CONT.

Title: Don Juan in Paradise: Moral Anarchy in the Genteel Tradition
Instructor: Charles Norman
Description: The American novel from Melville through the 1880's with emphasis on the relation of its hero to the culture from which he springs. An attempt will be made to show the increasing inability of the hero in the novels of the period to live in the "Genteel Tradition" of his day.
Enrollment: 20
Prerequisite: English 51 or 51-52

Title: The Fiction of William Faulkner
Instructor: Patricia Kane
Description: Students will read most of those works of Faulkner with which they are not already familiar; in most instances this will mean reading between six and ten novels. Reading will be intended to provide a perspective on Faulkner's work and to provide a basis for selecting a topic for a paper. Particular emphasis will be given to such topics as Faulkner's American qualities, to his qualities as a stylist, and to his concerns about fiction as described in his Nobel Prize acceptance speech. Students will spend the first half of the course reading and preparing papers. The papers will be presented during the second part of the course in the usual seminar fashion. The best papers will be read at the English majors conference in February.
Enrollment: 10
Prerequisite: One semester of United States Literature and consent of instructor

Title: Independent Reading
Instructor: Roger Blakely
Description: Students may be directed in an area approved by the instructor. Creative writing is likely to be a central subject.
Enrollment: 12
Prerequisite: Consent of instructor before registration.

FRENCH DEPARTMENT

Title: La Comedie Humaine (the Human Comedy) of the Fables of La Fontaine
Instructor: Borghild Sundheim
Description: Reading of the Fables of La Fontaine in French with classroom lectures and discussions in English. La Fontaine will be studied, not only as the world's greatest fabulist and an artist in words, but also as an interpreter of the age in which he lived, the reign of Louis XIV. Wide reading, in either French or English, in the history and social background of the 17th century will accompany the study of the fables themselves. For those students who are interested in the oral aspects of the French language and in improving their pronunciation, attention will be paid to the reading, interpretation and dramatization of some of the Fables. Tapes will also be available in the Foreign Language laboratory for practice.

Enrollment: 25
Prerequisite: Open to all students with a reading knowledge of French, approximately equivalent to French 11-12 (elementary).

Title: Conversational Approach to Literature
Instructor: Virginia Schubert
Description: The purpose of this course, which is not as advanced as the regular conversation course, is to give intermediate students interested in French a structured opportunity to speak the language while becoming acquainted with certain literary texts.

Enrollment: 15
Prerequisite: The equivalent of French 31 or permission of instructor.

GEOGRAPHY DEPARTMENT

Title: Who Discovered America?
Instructor: Matti Kaups
Description: Discussion and analysis of the Viking (Norse) exploration and the westward expansion of their settlements in the North Atlantic Basin from the 9th to the 15th century. Critical evaluation of controversies, and of information available regarding supposed Norse discovery of America as suggested in the Sagas, by the Kensington Rune Stone, etc. -- in the light of the recently discovered Vinland map. An excursion to Alexandria, Minnesota, and at least two trips to the Bell Collection on dates to be announced are part of the course.
Enrollment: 50
Prerequisite: None

GEOLOGY DEPARTMENT

Title: Crystal Structure Determination by X-Ray Methods (joint offering of
Instructors: Henry Lepp and Emil Slowinski Geology and Chemistry)
Description: A course of study of the methods by which X-ray diffraction spectra can be used to determine the internal structures of crystals. Concepts developed in lecture and discussions will be illustrated and applied in the laboratory sessions. The student will be expected to learn how to obtain X-ray spectra and how to use the spectra to identify substances and establish the atomic arrangements and distances in typical crystals.

Enrollment: 20
Prerequisite: Mathematics 21 (open to freshmen)

Title: Economic Mineral Deposits
Instructor: Henry Lepp
Description: Geology of the major types of mineral deposits. Geochemistry of element distribution in the earth's crust. Relation of mineral deposit theory to problems of mineral economics, discovery and evaluation of deposits. Laboratory study of the principal ore minerals.

Enrollment: 20
Prerequisite: None

Title: Field Trip to the American Southwest (Off-Campus)
Instructor: Waldo Glock
Description: (a) The recognition and intelligent appreciation of land forms: how scenery came to be. (b) The geologic history (in its broad sense) of the southwestern United States. Attention will be focused upon the surface features and their origin; the ages and nature of the rock formations; the structure, or architecture, of the formation; the geologic history, or sequence of events, passed through by the Plains, the Rockies, the Colorado Plateau, and the Intermontane Basins. All of this as a background for natural resources and man's activities.

Enrollment: 30
Prerequisite: A course in Geology and/or consent of the Department.
Cost: \$225 - \$300

Title: Astronomical Instrumentation and Observing Procedures
Instructor: Sherman Schultz
Description: This course will include discussion and readings on optical principles used in such instruments as telescopes and cameras. Students will be guided in the construction of a telescope. They will apply optics in testing and operating their telescopes and in working with the telescopes in our observatory.

Enrollment: 10
Prerequisite: None
Cost: About \$25 per student for materials.

GERMAN DEPARTMENT

Title: The German Art Song
Instructor: Joan Miller
Description: ~~The union of music and poetry of the nineteenth century romantic era in the songs of Schubert, Schumann, Brahms, and Wolf, set to the poetry of such great lyricists as Goethe, Eichendorff, Heine, Morike, etc.~~ The history of the German art song, stressing the differences between the folk and art song and with special emphasis on the union of music and poetry in the nineteenth century's romantic era. The lives of the major song composers such as Schubert, Schumann, Brahms, and Wolf will be studied as well as the poet's lives whose work have been set to music (i. e. Goethe, Eichendorff, Heine, Morike, etc.) Attention will be given to the German romantic movement in general in order to understand the intellectual and artistic climate in which the art song blossomed.

Enrollment: Unlimited
Prerequisite: None

GREEK, LATIN, AND RUSSIAN DEPARTMENT

Title: Russian Culture and Conversation (Off-campus to Sea-Cliff, Long
Instructor: Alexander Guss Island)
Description: The stay in Sea-Cliff, an old Russian community where one can meet members of Russian nobility, old Russian Intelligentsia, professors, teachers, translators, interpreters, musicians, etc., will offer the students an opportunity to live in a native Russian atmosphere, speak Russian only, eat Russian food, listen to lectures in Russian, see Russian movies, attend Russian affairs, visit Russian bookstores, restaurants, visit Russian families. The program is one of intensive training in Russian language and culture with special emphasis on conversational Russian. The group will have an opportunity to observe the operation of Radio "Freedom" and their preparation and transmission of broadcasts to the Soviet Union in Russian. Students will attend some lectures at the American Institute for Russian and Slavic Studies, see the famous Russian Icon room in the Interchurch Center in New York and other such activities. Students accepted will sign a pledge to speak Russian only during their stay in Sea-Cliff. A paper in Russian will be submitted at the end of the term.

Enrollment: 25
Prerequisite: Knowledge of spoken Russian and approval of Russian Department staff.
Cost: \$300

Title: Classical Mythology
Instructor: Edward Brooks
Description: This course will present a sequence of classical myth from the creation of the world to the founding of Rome, with emphasis on a limited number of major figures and stories. Among the latter will be Creation and the Flood, the Argonautic Expedition, and the Aeneid of Virgil. Attention will be given to the ancient sources of the study of mythology -- the principal writers and works upon which the tradition of myths is based. The student will be expected to familiarize himself with various genealogical lists, to learn the names (both Greek and Roman) of the divinities, and to submit, by the close of the term, a written report on some aspect of classical mythology.

Enrollment: 35
Prerequisite: None

HISTORY DEPARTMENT

Title: The American Revolution
Instructor: Ernest Sandeen and Roger Trask
Description: The topic is limited chronologically, remains one of the most appealing and interesting in historical literature while at the same time allowing faculty and students to come to grips with serious methodological and historiographical problems. It is designed to capture the historical interest of students while helping them, in new ways, develop tools of mature historical judgment.
Enrollment: 30
Prerequisite: None

Title: Great Books in History
Instructor: Boyd Shafer
Description: Independent reading in a selected list of books of great historians such as Thucydides, Tacitus, Michelet, Parkman, Bury, Becker, and in biographies and autobiographies. Each student will be asked to read at least eight books and to write critical reviews of 500-600 words on each book. These will be read and commented on by the instructor and each student will present at least two in the small discussion groups held for two hours twice weekly in the instructor's home.
Enrollment: 15
Prerequisite: None

Title: Historical Research and Techniques -- Projects at the Minnesota Historical Society, Ramsey County Historical Society, and Ramsey House.
Instructor: Earl Spangler
Description: Supervision projects will include (1) deriving certain information from diaries of the Ramsey family, (2) excerpting topics of interest in Minnesota history from primary sources that will add to the body of information needed by the Historical Society for its publications and collections, (3) dating period furniture and other artifacts now in question at the various institutions, particularly the Gibbs House of the Ramsey County Society, (4) writing of short stories dealing with historical events or actions, (5) biographical vignettes of prominent Minnesotans, (6) creation and construction of historical displays, (7) map work relative to Ramsey County, (8) some work on the archeological activities of the society at Fort Snelling, and (9) work in the newspaper collection of the Minnesota Historical Society.
Enrollment: 12
Prerequisite: History majors or students with a serious interest in history with at least a basic course (40 or 41, or both) in American history.

HISTORY DEPARTMENT, CONT.

- Title: Independent Study (Off-Campus)
- Instructor: Boyd Shafer
- Description: A rare and unusual experience for a select few students to go to Washington to the Library of Congress Manuscripts Division, the National Archives, and the National Historical Publications Commission to learn fundamental processes of original research by experience with actual first-hand documents. Each student will keep a log book and very likely engage, in addition, in preliminary investigations for later major research.
- Enrollment: 3 or 4
- Prerequisite: Only junior and senior majors with a 3.0 or better average both in history and in general will be considered.

MATHEMATICS DEPARTMENT

- Title: Mathematics and the Social Sciences
Instructor: John Schue
Description: A group course designed for those persons interested in some of the applications of mathematics to questions arising in the social sciences, including linear programming and elementary game theory. Emphasis will be placed on problem solving.
Enrollment: 20
Prerequisite: A high degree of motivation and a willingness to work with abstract mathematical ideas, together with the ability to do some independent work in this area.
- Title: Senior Seminar
Instructor: Albert Rabenstein
Description: This seminar is designed for honors candidates and for those seniors who intend to pursue graduate study. The emphasis will be on independent study in fields not covered by regular courses. Students working for honors can usually expect to find the material for their honors paper in the course of the seminar.
- Title: Seminar for Sophomores and Juniors
Instructor: Wayne Roberts
Description: Open to student who have done A or B work in Math 21, 31, and 32, and who have the ability to do independent reading under the guidance of an instructor. Approximately one-half of the lectures will be given by the students.
- Title: Independent Study Projects (see department chairman)

MUSIC DEPARTMENT

Title: The Art of Musical Theater Production
Instructor: Vincent Carpenter and Butler Eitel
Description: See description in Speech and Drama
Enrollment: By audition

Title: Musical Interpretation and Criticism
Instructor: Thomas Nee
Description: A study of some historical ideas of musical performance and interpretation and criticism associated with it. Attendance will be required at local musical programs and rehearsals, and evaluations of these performances will be written. Critical and interpretive principles will be applied to student class performance.
Enrollment: 24
Prerequisite: None

PHILOSOPHY DEPARTMENT

- Title: Philosophy in Modern Literature
Instructor: David White
Description: The course is an analytical exploration of the philosophical content and/or implications of various kinds of significant literature written the last one hundred years or so. Each student will work with eight books chosen from such writers as Kierkegaard, Shaw, Faulkner, Camus, Marx, Darwin, Freud, Churchill, and Nehru. Each student will write at least one paper presenting the results of his analysis, and he will also contribute to an anthology of material chosen from all the books used by the class. There will be lectures both by the instructor and by other members of the Macalester College faculty, and students also will present some of their results to the entire class.
- Enrollment: Unlimited
Prerequisite: Everyone must have read The Brothers Karamazov by Dostoevsky.
- Title: Problems in Social Ethics
Instructor: Henry West
Description: The purpose of the course is to provide an opportunity for students to subject some current social problem or social issue (the war in Vietnam, the use of violence or civil disobedience in achieving civil rights, the legalizing of abortion, etc.) to a thorough ethical scrutiny; or, conversely, to apply one's theoretical ethical position to a concrete social problem or issue.
- Enrollment: Unlimited
Prerequisite: None

PHYSICAL EDUCATION DEPARTMENT (WOMEN)

Title: Health Fads, Fallacies, Quackery and Witchcraft
Instructor: Thelma Rickels
Description: To develop a knowledge and understanding of past and present fads practiced by the American public in search of "health"; to establish an awareness of the fallacious reasoning used by both the advertiser and the consumer of health products; to develop an awareness of the fraudulent practice of medicine and the extent to which "quacks" or medical charlatans cheat the public; to learn of past and contemporary "witchcraft" behavior and its effect upon health; to understand the psychological and emotional involvement occurring in deceptive health practices; to recognize the psychology and the extent of false claims in health advertisements; to learn the criteria for the sane evaluation of health information and practices; to understand how law, education, individual and public effort can irradiate delusive health behavior.
Enrollment: 6-15
Prerequisite: None

Title: Recreation Movement in the United States
Instructor: Dorothy Michel
Description: Study development of recreation in United States. Emphasis will be given to the role of recreation in our society in the future. Each student will choose an area in recreation and pursue it to the limit of materials available. Suggested areas are: Recreation for the aged; recreation for handicapped; prison recreation; city recreation programs; etc.
Enrollment: 4-8
Prerequisite: None

PHYSICS DEPARTMENT

- Title: The Mysticism of Mr. Physicist
Instructor: Sung Kyu Kim and Raymond Mikkelson
Description: The aim of the course is to present the basic concepts of modern physics by means of analogies, examples, and imaginative demonstrations. It seeks to acquaint the humanist with the historical development and basic meaning of such theories and discoveries as Bohr's model of the atom, Heisenberg's uncertainty principle, the not so-elementary "Elementary Particles," Feynman's world lines, and numerous other rather queer concepts of modern science. Class meetings will be informal, and will consist of lectures, discussions, and demonstrations. Because it is hoped that this venture will prove to be a delightful and rewarding experience for all of us, an invitation is extended to all members of the student body -- humanists and scientists alike: Macites! Come and see this mysterious land that is in our midst.
- Enrollment: Unlimited
Prerequisite: None
- Title: Independent Studies in Neutron Physics
Instructor: Edward Strait
Description: Topics to be covered by reading assignments will include production of neutrons by accelerator techniques, detection of neutrons, and the use of neutrons in the study of nuclear structure. Readings will be drawn from standard texts in the field, review articles, and the periodical literature.
- Enrollment: 6
Prerequisite: A course in physics beyond the introductory level or consent of instructor.

POLITICAL SCIENCE DEPARTMENT

- Title: American National Government Practical Politics (Off-Campus)
Instructor: Duncan Baird
Description: To give to a limited number of interested students an opportunity to study the political process in Washington, D. C. under the supervision of the instructor, to reinforce by actual observation the emphasis on the process aspects of government which are urged in the classroom.
- Enrollment: 20
Prerequisite: Two courses in political science or permission of instructor
Cost: Approximately \$275
- Title: Civil Liberties and the U.S. Supreme Court
Instructor: G. Theodore Mitau
Description: This course will involve in depth studies of major cases centering around critical constitutional controversies and conflicts. An effort will be made to understand the U.S. Supreme Court as a significant policy-making institution which seeks to balance the demands for individual freedom with the requirements of public order. Students will be expected to brief and discuss cases as to the nature of their factual settings, the types of constitutional issues posed, the arguments advanced in majority and minority opinions.
- Enrollment: 45
Prerequisite: None
- Title: Science and Politics
Instructor: Charles Green
Description: In recent years political scientists have joined sociologists, economists, and historians of science in an intense interest in the complex relationships between science and society. Science and politics is designed to survey some of these relationships which have important political dimensions. After a brief review of the context and existing research, the student will be encouraged to develop his own inquiry in one of three broad categories: the political behavior of American scientists, scientists and the policy process, or selected policy areas. This will provide the student with an opportunity to work out what he considers to be significant questions concerning the growing interdependence of science and politics in American society.
- Enrollment: 20
Prerequisite: None.

PSYCHOLOGY DEPARTMENT

- Title: Seminar on Research on the American College Student
Instructor: Jack Rossmann
Description: The students in the seminar will examine some broad issues in higher education and develop a research project related to one of these issues. Topics selected could vary widely depending upon the students' backgrounds and interests. Possible topics might include: analysis of variables related to academic achievement, impact of faculty advising, factors related to student retention, analysis of the college environment.
Enrollment: 6 - 8
Prerequisite: Consent of instructor, based on student's acquaintance with appropriate research techniques.
- Title: The Mental Hospital (Off-Campus)
Instructor: Raymond Johnson
Description: A study of the care of psychotic patients from initial intake and commitment to post-discharge programs. Students will live at Hastings State Hospital and combine their study with actual service experience.
Enrollment: 12 men; 12 women
Prerequisite: Freshmen or sophomores only
Cost: Room and board provided by the institution
Preregistration: By November 15 at the psychology office
- Title: Productive Thinking in the Learning Process
Instructor: Frank Williams
Description: The course is planned as an interdisciplinary study across the fields of productive thinking. It will first acquaint students with research that has been conducted by various researchers through means of assigned readings and class discussions. Then these researchers will be at Macalester for one day for students to hear and meet. Following this, several other Macalester faculty will join the course instructor in presenting views, approaches and assessment devices on productive thinking.
Enrollment: 25-30
Prerequisite: Education and psychology majors.
- Title: Biography and the Behavioral Sciences (and D. White)
Instructors: Fillmore Sanford and Gerald Weiss (also C. R. Green, E. Spangler/
Description: The course will examine the lives of several men on the basis of biographies selected by students from a suggested list. Each biography will be separately discussed before the students by members of an interdisciplinary faculty panel, and then students will be urged to participate in the proceedings. Objectives: To determine the value of biography as a means of understanding people and to learn how people of different professional background react to and evaluate biographies and men.
Enrollment: Unlimited
Prerequisite: None

RELIGION DEPARTMENT

- Title: Judaism and Christianity - a Dialogue
Instructor: Lloyd Gaston
Description: In spite of persecutions and intolerant attempts at conversion, Jews and Christians have again and again throughout our mutual history confronted one another in honest dialogue. Representative works from the history of this discussion will be read and the class will attempt to enter into conversation with the authors. As an introduction to our study some knowledge of the two religions will be necessary; as a conclusion we shall seek to answer the double question: Is there a place for Israel in the theology of the church, and is there a place for Christianity in the theology of the synagogue?
Enrollment: 12
Prerequisite: None
- Title: The New Generation of Theologians
Instructor: Donald Butler
Description: Reading and discussion of books by theologians of the younger generation following the "greats" of the twentieth century and their earlier students. Writings of men such as Frederick Ferre, John Macquarrie, Richard R. Niebuhr, Dietrich Ritschl, James M. Robinson and Paul Van Buren. Some of the recurrent trends: communication between Protestantism and Roman Catholicism, Christianity as a "secular" faith, the new approach to the historical Jesus, the need for analysis of theological language, existentialism and theology, logic and faith, the meaning of history.
Enrollment: 20
Prerequisite: None
- Title: Religious Liberalism
Instructor: Donald Dawe
Description: The development of the relation between Christian faith and the modern world-view. Primary emphasis, Protestant Christianity. Leading themes: Historical roots, classical expressions, criticism, continuing influence, attempted reformulations, relation to new scientific knowledge, development of a new social ethic, deism, rationalism, Unitarianism, and the romantic protest in religion.
Enrollment: 30
Prerequisite: None
- Title: Creative Methods in Religious Group-Work Agencies
Instructor: Elizabeth Leinbach
Description: Communication of faith necessitates a knowledge of usable materials and methods. This course is designed to acquaint the student with methods of work in programs with children and youth and stresses three: Dialogue, the use of symbols, and the place of the fine arts in teaching religious concepts. A consideration of creativity and its relationship to media areas in terms of evaluation and in the place of inspiration or motivation in creative endeavor.
Enrollment: Unlimited Prerequisite: None

SOCIOLOGY DEPARTMENT

Title: Sociology of War and Military Organization
Instructor: Reece McGee
Description: The course will consist of lectures on the topics listed above plus extensive readings relating to the three general topics: military organization; the profession of arms; the sociology of war. Reading will be drawn from novels (largely contemporary) by American, German and British authors, sociological journals and treatises, military treatises, military treatises of contemporary authors (e.g., S.L.A. Marshall, Leon Wolff), and classic works on war such as those by Sun Tzu and von Clausewitz. Readings will total several thousand pages and will be selected to inform students on the topics above from three points of view: the theory of warfare, war and military organization as experienced by the professional soldier, war and military organization as experienced by the non-professional. The purpose of the course is to offer some insights into warfare as a social process and experience and into military organization as a device for accomplishing specific social ends.

Enrollment: 40
Prerequisite: None

Title: Independent Study
Instructor: William Hoffman
Description: Agency work at the following centers: Lino Lakes Treatment and Reception Center; Rehabilitation Center and Workshop of Greater Saint Paul, Inc.; and Local Office of Economic Opportunity Program. This will be a stimulating and challenging opportunity for highly motivated students with personal commitment not only on the part of the students, but also on the part of the administration of the agencies involved.

Enrollment: Limited

Title: Seminar in Social and Cultural Change
Instructor: Paul M. Berry
Description: Examination of some of the systematic frameworks or theories for the study of such change. Each student selects a topic and prepares a major paper in which he treats his topic within one such framework. Topics may range from the study of an institution or social problem to the impact of rapid change on some selected aspects of an "underdeveloped" country. Each student reports his study to the entire class.

Enrollment: 12
Prerequisite: None

SPANISH DEPARTMENT

Title: Mexican Study Trip
Instructor: Robert Dasset
Description: The main purpose of this month in Mexico is to give Macalester students the opportunity to use the Spanish language as a real means of communication while visiting a foreign country of Hispano-American culture. Students will live with Mexican families. The bulk of the time will be spent in Mexico City. Side trips to Acapulco, Taxco, and the archeological zone of San Juan de Teotihuacan will be arranged. There will be ten to twelve required meetings of a seminar nature while in Mexico City. The seminar leaders represent some of the most distinguished intellectual leaders of Mexico. All hold professorships at the National University and in addition hold important positions in public life. Mexico City as the cultural center for the nation will offer to our students an almost endless variety of activities in addition to the more formal meetings. Attendance at two or three dramatic productions will be required. Log books written in Spanish will be required.

Enrollment: 20-25
Prerequisite: All students who will have completed Spanish 31, its equivalent, or any higher course are eligible. Not designed solely for those majoring in Spanish. Attendance at three orientation meetings early in December required. Students will be expected to give evidence of having done some reading from a list of selected readings before leaving.

Cost: \$350

Title: The Major Works of Federico Garcia Lorca
Instructor: Donald Fabian
Description: The course will examine the major poetic and dramatic works of Federico Garcia Lorca, 1898-1936. It will consist of discussion, in English, of the following works, which will be read in Spanish: Bodas de sangre, Yerma, La casa de Bernarda Alba, the Romancero gitano, the Llanto por Ignacio Sanchez Mejia, and selections from other volumes of poetry. Each student will prepare a paper on some aspect of Lorca's work. Discussions will be concerned with textual interpretation and with the application of modern critical techniques to the works.

Enrollment: 15
Prerequisite: Reading knowledge of Spanish

Title: Seminar on the Cuban Revolution
Instructor: Ernesto Moreno
Description: An opportunity to meet Spanish-speaking people and to read Cuban literature. The class will be divided into groups for study and research. There will be two-hour sessions three times per week for general discussions conducted in English; preparation of individual term papers.

Enrollment: Unlimited Prerequisite: None

SPEECH AND DRAMA DEPARTMENT

Title: The Art of Musical Theater Production (WEST SIDE STORY)
Instructor: Butler Eitel, Musical Director
 Sandra Gerland, Choreography
 Harvey Jurik, Designer, Technical Director
 Douglas Hatfield, Director of the Production
Description: To provide Macalester College students with an opportunity to experience, through active participation, the unique American art form, musical theater; to afford students an opportunity to develop and evaluate musical theater art techniques through carefully directed laboratory guidance during rehearsals and performances; to provide students with an opportunity to experience, through the creative production processes, the combination of art forms: dance, music, theater; to provide the Macalester and Twin City community an opportunity to attend the performances of the resultant production
Enrollment: By audition

Title: Group Reading
Instructor: Mary Gwen Owen
Description: The theory and practice of the ancient Greek art form of group reading. The purpose of the course is to provide students with an opportunity to participate in depth, in a communal appreciation of the theory and performance of the ancient Greek art form of group reading as it was used originally and as it has evolved through the ages.
Enrollment: 50
Prerequisite: Auditions

Title: Debate-Study Tour
Instructors: Richard Sorvig and Roger Mosvick
Description: Open to all students who have taken the course Argumentation and Debate with preference given to those students with advanced standing. First two weeks given to study and research: rhetoric as a mode of inquiry and persuasion, the use of Stasis, Topoi, and lines of argument, the ethics of argumentation and persuasion, the study of great debates as models, and the study of other forms of debate -- cross-examination, problem-solution debate and the mock trial. Second two weeks given to a tour of the Midwest and Southwest states with various forms of debates and forensic activities scheduled with other colleges and universities and before high school and community audiences.
Enrollment: 14-16
Cost: Approximately \$115
Prerequisite: Course in Argumentation and Debate; preference given to those with advanced standing.