



AUGSBURG COLLEGE



# The Interim

The Interim is an integral part of the school year at Augsburg College. It is particularly intended to be a time providing opportunities for both students and faculty to employ styles of teaching and learning, to investigate particular questions and topics and to use urban and other off-campus resources in ways not possible during the regular term.

## Graduation Requirements

To graduate, an Augsburg student is required to complete 35 courses of which at least three must be interim courses (or one interim less than the number of years of full time enrollment at Augsburg; e.g., a transfer student enrolled full time for two years is required to complete one interim for graduation).

There are no tuition refunds for students who choose not to enroll in an interim course.

One course is considered a full time load during interim and no student is permitted to register for more than one course during the period.

## Grading/Course Listings

Most interim courses are graded traditionally on a scale of 4.0 to 0. Students generally have the option to register on a Pass/No credit basis. A few interim courses are graded only on the P/N system; this limitation is indicated in the course description.

Some courses are offered with either upper or lower division standing. Such interim courses have two numbers listed and the student must select. Students registering for upper division standing should anticipate additional assignments and/or a more rigorous grading standard.

## Options

### June Interim

At least two courses will be offered in the June 1977 session of summer school. An Augsburg student may register in a June interim course in lieu of the January term with no additional tuition charge; however, students planning to elect the June interim must register at the time of the interim registration in the fall. Students wishing to take the June interim in addition to the January one will be required to pay regular summer course tuition.

### Internships

Students are not encouraged to seek an internship course assignment during the interim. Internships are open to students who continue an internship from the fall term or who begin an internship which will continue into the spring term. Occasionally a student who has had previous work experience can develop an interim internship which draws upon and expands the previous work experience. Students electing an internship interim are to present a completed internship learning contract to the Internship Office (Science Hall, Room 135) by no later than Monday, December 13.

## Independent or Directed Study

Students may elect a program of either independent study (upper division) or directed study (lower division) for the interim. Faculty members are strongly discouraged from accepting responsibility for more than one independent or directed study per interim. Students electing independent or directed study must:

- 1) meet departmental requirements
- 2) present at registration a written statement from the faculty member who will direct the study
- 3) submit to the Interim director by December 1 a description of the intended study (topic, procedure, end result, and form of evaluation). Students not submitting this information by December 1 will have their registration cancelled.

## Interims at Other Schools

Augsburg students may enroll at any other 4-1-4 institution which offers a reciprocal interim arrangement. Catalogs of these interim offerings can be consulted in the Interim Center, Room 135, Science Hall. Registration for interims at the Twin City colleges and at St. Olaf will be done at Augsburg during the regular registration period. Students interested in attending any other institution during the interim should consult with the Interim Director or his secretary (Room 135, Science Hall).

## Non-Augsburg Students

Augsburg College will accept students from other 4-1-4 schools for the January interim without tuition charges provided the student's home institution agrees not to charge tuition to Augsburg students for the January term. The waiver of tuition does not include special fees charged in addition to tuition. Other students will be charged \$350 for the interim course.

Students interested in registering for an Augsburg Interim should write to the Interim Director for appropriate application forms. These students are responsible for their own housing and boarding arrangements, though requests for on-campus housing can be made to the office of the interim director.

# Class Times

The interim day is divided into two blocks of time.

- I - 8:00-12:30
- II - 12:30-5:00

The number and length of class meetings was well as the beginning time will be arranged the first day of class.

All Interim classes will meet the first and last class days of the interim. Classes scheduled for Period I will meet the first day at 9:00 and classes scheduled for Period II will meet the first day at 1:00.

# Interim Calendar

November 1-4	Interim Registration
December 6	Interim Registration
January 3	First Day of Interim Class I 9:00 a.m. Class II 1:00 p.m.
January 4	Last day for cancel/add
January 7	Last day for determining grading system
January 21	Last day for cancelling class
January 28	Interim ends

Check with the Interim Center (Science Hall 135, extension 402) or with Interim Director, Dr. Mark Davis (Science Hall 135, extension 402).

# Art

10242

10342

Film-making I, Film-making II

Instructor: Paul Rusten

Film-making through practical lab experience. Discussion and observation of the expressive and structural elements of film. The making of a 16mm sound film.

Lab Fee of \$70.00

Prerequisites: None for Film-making I

You must have taken Film-making I in order to take Film-making II

Distribution: Humanities

Time: I

Room: Film Center, East Hall

10302

Spatial Design

Instructor: Philip Thompson

The study of environmental forms and content in living, working, transportation and recreation from a variety of perspectives including family, youth, native American, elderly, commerce, religion and the individual. Course requirements will involve research and survey activities at several off campus sites such as commercial, ethnic, entertainment, religious and group housing centers plus one project that may be undertaken individually or in groups of two or more. Options are the development of environmental concepts in art media like drawing, painting and assemblage and/or the creation of full scale experimental environments. This course will count toward an art major.

Prerequisites: None

Distribution: Humanities

Time: I

Room: Art Studio

# Biology-Physics

20322 (Biology)

84322 (Physics)

Nuclear Radiation Science (Physical Science Emphasis): Oak Ridge  
Special Science Seminar

Instructors: Robert Herforth  
Kermit Paulson \*

A study of nuclear radiation with emphasis on applications and "hands-on" laboratory experience for the individual student. The course will consist of (1) introductory work on radiation detection and measurement (physical science applications) at Augsburg. (2) participation in the 1977 Oak Ridge Special Science Seminar where the student has the opportunity to design his or her course of study from projects in nuclear radiation physics, radiobiology, radiochemistry, environmental radiation, nuclear medicine, health physics, and radiological safety, and (3) summary and evaluation of the program back at Augsburg.

This course is a cooperative venture with Oak Ridge Associated Universities Special Training Division, and is the only opportunity of its kind in the United States. Two weeks of the course will be spent in Oak Ridge, Tennessee utilizing the instructional staff and laboratory facilities of ORAU Special Training Division. These facilities provide the opportunity for laboratory experience not normally available to undergraduate students.

Time will be available to tour the area including the national laboratory and also special lectures, featuring scientists from the national laboratory, will be presented to the Special Seminar Participants.

Prerequisites: Consent of instructor \* Professor Kermit Paulson is on leave from the Dept. of Physics but will be on the staff of O.R.A.U. - Special Training Division for this course.

Distribution: Natural Science

Time: I

Room: Science Hall 30

20102

Plants in Human Societies  
(Have you thanked a plant lately?)

Instructor: Erwin Mickelberg

A study of the role plant life has and is playing in human societies. Plant anatomy, morphology, geography and the relationship of plants to people will be discussed. A brief survey of the entire plant kingdom will conclude the course.

Prerequisites: None

Distribution: Natural Science

Time: I

Room: Science Hall 213

# Business-Economics

21495 (Business)  
22495 (Economics)

Topics: Introduction to Data Processing/COBOL

Instructor: Keishiro Matsumoto

This course is designed for the students who are interested in data processing aspects of modern electronic computer science. No previous knowledge of computer programming is required. Lecture, programming assignment and in-class examinations.

- I Operating system/programmer-interface
  - 1) Introduction to operating system concepts
  - 2) File structure
  - 3) Job flow and execution
- II Job control language
  - 1) Job control cards
  - 2) Permanent files
  - 3) Loader control cards
  - 4) Other utilities
- III COBOL Programming Language (Major topic)
  - 1) Elements
  - 2) Additional features

\$18 laboratory fee

Prerequisites: None

Distribution: None

Time: I

Room: Old Main 23

# Economics

22123

Principles of Economics (Micro)

Instructor: Sayta Gupta

An introduction to micro-economics, the theory of the household, firm, market structures, and income distribution. Applications of elementary economic theory to market policy.

Prerequisites: None

Distribution: Social Science

Time: II

Room: Old Main 23



# Chemistry

34353

## Quantitative Analytical Chemistry

Instructors: Earl Alton  
Arln Gyberg

This course will cover gravimetric analysis, volumetric analysis, and solution equilibria in detail and will give an introduction to spectrophotometric techniques of analysis. The course is to be taken by chemistry majors normally in the interim of their sophomore year. Medical technologists should take Chemistry 353 in the spring. There will be daily classes, laboratory sessions and assignments.

Prerequisites: Chemistry 106 or 116

Distribution: None

Time: I & II

Room: Science Hall 315 (I & II), Science Hall 327 (II)

34497

## Introduction to Chemical Research

Instructors: Earl Alton  
Arln Gyberg

This course offers junior and senior chemistry majors an opportunity to become acquainted with chemical research by pursuing a topic or problem in detail. The faculty member will work with students in areas of their own interest such as continuation of research problems already started or particular problems of synthesis or analysis. The student is required to discuss his research with the instructor before the start of the interim.

Prerequisites: Junior or Senior chemistry major

Distribution:

Time: I & II

Room: Science Hall 318

34111

Energy Alternatives in Your Future

Instructor: John Holum

Kenneth Boulding has said that in your lifetime we'll be back to the horse and buggy days of the early 1800s because we'll run out of gasoline. Will we be back to kerosene lamps and candles, too? Grounds for pessimism abound. What are sources of optimism? It's your future and decisions being made in the next 15 years will affect it profoundly. To participate in those decisions effectively, both an informational background and an ethical fiber will be needed. This course will deal heavily with the informational background and an ethical fiber will be needed. This course will deal heavily with the informational background, but moral and ethical issues are intertwined. We'll use lectures, slides, films and readings.

Prerequisites: High school chemistry or equivalent

Distribution: Urban or Natural Science

Time: I

Room: Science Hall 320

## Education-Sociology

45345  
94345

School and the Urban Community

Instructors: Joel Torstenson  
Carol Morf

This course is especially designed to study the historical, political, economic, and sociological aspects of the urban setting that relate to schools and teaching. It will include analysis of current issues in the St. Paul and Minneapolis school communities. The interim course will use the Glenwood-Lyndale neighborhoods in north Minneapolis as a learning laboratory.

This course may be taken for credit in either sociology or education. It will fulfill the Urban Concerns requirement. It is also considered the Urban Course for the Urban Education program.

Maximum enrollment: 20

Prerequisites: Permission of one of the instructors

Distribution:

Time: I

Room: Library 201

# Education

44327  
45327

Introduction To Exceptionality      Instructor: Einar Johnson

The course will give a survey of special education including:  
1) Identification and description of exceptional children - the physically handicapped, the deaf and blind, mentally retarded and emotionally disturbed. 2) Recent research finding on causes, definitions and classification of exceptionality. 3) Discussion and evaluation of mainstreaming. Speakers will include active practitioners in the area. Visits will be made to schools for observation and experience in special education.

Special fees: Special laboratory fee for field trips, films, honoraria: \$15.00

Prerequisites: Orientation to Education, General Psychology or permission of instructor

Distribution:

Time: I

Room: Library 4

45482

Student Teaching      Instructor: Einar O. Johnson

Students will be placed in a classroom for full days. Opportunities are provided for experience in observing and directing learning experiences on the secondary school level under the supervision of college and high school personnel.

Prerequisites: Senior standing and completion of teacher aide work and human relations elements of Education courses 265, 359.

Distribution:

Time: To be arranged

Room: Library 8

45331

Discovery in the World of Kindergarten Instructor: Laretta E. Pelton

This course offers the opportunity for one to discover the discovered. Because a kindergarten child is rapidly opening doors of knowledge, a teacher needs to know at what state each child is and how to provide an environment in which the child can explore and experience learning. The course will include a study of kindergarten curriculum, exploration of materials, review of teaching approaches and laboratory experience.

Prerequisites: Orientation to Education in an Urban Setting #255; admittance into the Augsburg Education program or an elementary school teaching certificate

Distribution:

Time: I

Room: Library 1

## English

54239

The Literature of Terror: Tales of Horror, Mystery, and Detection

Instructor: Lorraine Livingston

Do you have a penchant for merder and dection? Do you like spine-tingling horror stories? You will be able to swap experiences with fellow students as you read both classical and modern mysteries. A selected reading list will include such works as Great Tales of Horror by Edgar Allen Poe, Frankenstein by Mary Shelley, Dr. Jekyll and Mr. Hyde by Robert Louis Stevenson, The Moonstone by Wilkie Collins, The Hound of the Baskervilles by Sir Arthur Conan Doyle, Murder on the Orient Express by Agatha Christie, The Crooked Hinge by John Dickson Carr, The Long Goodbye by Raymond Chandler, Above Suspicion by Helen MacInnes, and In Cold Blood by Truman Capote. Brief lectures will be followed by class discussions. Each student will write one short paper on a subject of his choice.

Prerequisites: None

Distribution: Humanities

Time: II

Room: Old Main 21

54244

Underground Film

Instructor: John Mitchell

Although the tradition of the feature-length narrative film is generally well-known, since the 20's there has been an alternative film tradition, variously called avant-garde, underground, personal, independent, or visionary film. The course will present a survey of films from this tradition, beginning with the French avant-garde films from the 40's onward. In addition to this general survey of films and filmmakers, the works of Maya Deren, James Broughton, Kenneth Anger, Bruce Conner, Stan Brakhage, and Bruce Baillie will be given special emphasis. Conceptual approaches will include Freudianism, surrealism, expressionism, archetypal criticism, lyricism, abstract expressionism, and structuralism. The course is especially recommended to students with interests in film, art, and poetry. A \$10 laboratory fee will be required to offset the considerable expense of film rentals. Attendance is required, since the films will be shown during class.

Prerequisites: None

Distribution: Humanities

Time: I

Room: Science Hall 123

54246

Beyond Star Trek: The Contemporary Science Fiction Novel

Instructors: Ron Palosaari and  
Scott Schumack (freelance  
science fiction writer)

Science fiction is often characterized as poorly written tales of rocket ships, ray guns, and plots to take over the universe. Modern science fiction, however, transcends this stereotype and includes many well written works of psychological and sociological penetration. This course will begin with a representative novel of the 1930's and demonstrate the ways in which science fiction writing has grown from its pulp origins to its present relatively literate form.

The prerequisites for the course include curiosity about or interest in science fiction and the ability to read two or three novels a week.

Additional fee: \$10.00

Prerequisites: See last paragraph of course description

Distribution: Humanities

Grading: Optional

Time: I

Room: Old Main 25

54362

Creative Writing Workshop: Poetry      Instructor: Jonis Agee

Three students from each of the five colleges of the Associated Colleges of the Twin Cities will be chosen, on the basis of portfolio submitted to their respective English Departments, for participation in the workshop. We will investigate such problems as voice, form/content, experience, and oral presentation. Students will be introduced to contemporary writing and publication procedures. Evaluation will be made on the basis of a body of work completed by the end of the workshop. Classes will be in a workshop format and may include attendance at local poetry events.

Prerequisites: Interested students should contact Lorraine Livingston of the English faculty

Distribution: None

Time: II

Room: College of Saint Catherine

54369

Theatre in London      Instructor: Toni Clark

Theatre in London will provide the opportunity to experience the finest theatre in the world. The heart of the course will be attending and discussing productions of Renaissance, Restoration and modern plays performed by the Royal Shakespeare Company, the Old Vic, the Young Vic, the National Theatre, and others. We will also visit the British Museum, the Victoria and Albert Museum, the National Portrait Gallery, the Tate Gallery, the Tower of London, and go to Stratford upon Avon. Time will be allotted for individual sightseeing and shopping trips, and for investigating the incredible variety of restaurants in the city. The grading for the course will be P/N, based upon participation in discussion of the plays and productions, and upon a journal recording students' impressions and analysis of the plays, discussions and events of the Interim.

Approximate cost: \$895

Prerequisites: None

Distribution: Humanities

# English (Summer)

54445

Potpourri: Reading for Fun and Credit      Instructor: Barbara Andersen

In consultation with the instructor, students will make individual reading lists of 10-12 books. These books will be discussed with others in the course and the instructor in small groups, established according to common themes, books, or authors. Because students will have individual schedules, reading lists must be approved before the end of spring term so that these schedules can be published prior to the summer session.

Prerequisites: Junior or Senior standing and consent of instructor

Distribution: Humanities

Time: Summer 1977

# Foreign Language (Summer)

70330

Culture of French Canada

Instructor: Mary E. Johnson  
(assisted in education by  
Einar Johnson)

A course designed to give students first-hand knowledge of several aspects of French-Canadian cultural heritage and contemporary life, including the study of bilingual education. Students will choose and research topics on some aspects of French-Canadian culture before leaving, will pursue them during the experience, and will make oral and written reports. French majors and minors will work in French. Beginning in the Voyageur country, the group will visit Montreal, the second largest French-speaking city in the world; then study about a week in Quebec, capital of French culture in Canada; and will travel around the Gaspé Peninsula to observe French-Canadian rural life. Visits to schools, museums, political institutions, cultural events, etc. Interviews with specialists in the arts, education, and government. Lodging in tents at campgrounds and in hostels. Cooperative meals. Offered for foreign language general education distribution requirement, for French credit by arrangement with the instructor, and for education credit by permission of the education department. Grading P/N only.

Prerequisites: Consultation with either instructor

Distribution: Foreign Language

Time: Summer 1977

Norwegian Composition and Conversation

Instructor: Leif E. Hansen

Intensive practice in spoken Norwegian with emphasis on pronunciation and original composition. Some attention will be given to regional speech variations and to differences between the two official languages of Norway. There will be a variety of contacts with native speakers of Norwegian now residing in the Twin Cities area.

Prerequisites: Norwegian 75211 or equivalent

Students will be required to spend a total of 5 hours per week in laboratory work and/or field experience.

Distribution: Foreign Language

Time: II

Room: Old Main 3

76457

Spanish Novel

Instructor: Gunta Rozentals

Study of the outstanding novelists of the nineteenth and twentieth centuries of Spain. There will be oral and written reports in Spanish.

Prerequisites: 56352, 56353 or equivalent

Distribution: Foreign Language

Time: I

Room: Old Main 8

72328

German Women Writers

Instructor: William Oyler

Women writers have played a significant role in German literature of the 20th century. This fact is not sufficiently appreciated in American since very few works of prominent German women writers have been translated into English, and most of those which have been translated are now out of print and therefore largely inaccessible. As a belated contribution to the International Women's Year, this course will concern itself exclusively with the reading and discussion of narrative prose, drama and poetry created by German writers who happen to be women and who represent a great variety of philosophical outlooks and literary styles. The readings and discussions will be devoted primarily to women of the 20th century, such as Ricarda Huch, Anna Seghers, Ilse Aichinger, Ingeborg Bachmann, Christa Wolf, Gertrud von Le Fort and Elizabeth Langgasser, although the course will begin with a brief survey of the role of women in German literature and with the study of a 19th century work by Germany's first great woman writer of international stature, Annette von Droste-Hulshoff. Readings will be in German. Discussions will be primarily in German, with English to be used as needed. A question to be pursued: Is there a uniquely feminine perspective in works of German women writers?

Prerequisites: German 212 or equivalent

Distribution;

Time: II

Room: Old Main 2



# Linguistics

73311

Theories of Grammar

Instructor: Donald Steinmetz

Comparative analysis of various views of language represented in current linguistic research: tagmemics, stratificational grammar, transformational-generative grammar, case grammar, generative semantics, with the aim of illuminating the underlying philosophical assumptions, the investigational criteria and the explanatory goals which distinguish them. The theories will also be contrasted with respect to their affiliations with adjacent disciplines such as anthropology, psychology, logic and communication theory and the way in which each theory seeks to overcome the inadequacies of traditional grammar.

Prerequisites: None

Distribution: None

Time: I

Room: Old Main 4

# General Studies

58238

A Study of Values or "What Makes the World Go Round"

Instructor: Sheldon Fardig

What are the effects of personal values upon human behavior? Your own values? Others values? An investigation of value awareness, value dynamics, moral development and life styles. An examination of the values of the silent majority and discussion with authority figures concerning public values. These are some areas for discussion and research. Each participant will pick an area for individual study and evaluation. Some extra costs will be involved in field trip mileage.

Prerequisites: None

Distribution: None

Time: II

Room: Science Hall 213

# History

56110  
56410

## History of London

Instructor: Orloue Gisselquist

"When a man is tired of London, he is tired of life, for there is in London all that life can afford" (Dr. Samuel Johnson, 18th century). This course does not promise all that! But London does offer much of value and interest to study. Its amazingly rapid growth since mid 16th century has meant that Londoners have felt, thought about, and responded to modern urban problems for at least four centuries. Its business community was at the forefront of economic change in the western world for several centuries. Several times the city has represented high points in the history of European culture. It has had a massive influence on English society generally (well illustrated by its demographic preponderance in the nation) and a powerful leverage on British politics (whose capital was conveniently located just a few miles up the Thames river). And fortunately, for the purpose of our study, there is a great deal of literature about the city that is readily available. Urban history, and hopefully this course, appeals to students of various disciplines - geography, architecture, popular culture, economics, urban planning, political science, as well as history. Both in class activities and student assignments, there will be an effort to construct the course so as to reflect this inter-disciplinary interest. There will be a wide choice in the matter of assignments; it is understood, though, that an individual project emphasizing literature or architecture will evidence the insights and background gained in the broader concerns of the course.

Prerequisites: None

Distribution: Social Science and Urban Studies

Time: II

Room: Old Main 18

56261  
56461

## From the Indus to Indira: Epochs in Indian History

Instructor: Don Gustafson

This course will present an introduction to the vast panorama of Indian culture from the early cities on the Indus River to the problems and potentials of modern India. Not only will a wide variety of topics be covered, but in addition there will be a great variety in the materials used -- cultural artifacts, recordings, slides, novels, religious texts, histories, and who knows what else.

Prerequisites: None

Distribution: Social Science

Time: II

Room: Library 1

56160

"Can These Stones Speak?" An Introduction to the Principles of Sumerian Cuneiform Writing.

Instructor: Richard C. Nelson

A cultural study of the Sumerian Ur III Dynasty and related mesopotamian civilizations through an introduction to cuneiform writing. Students will learn to transliterate (i.e. render the cuneiform syllables) and translate Sumerian texts of varied contents dating from 2,000 B.C. No previous work in ancient history is assumed. Due to a lack of readily available textual and lexical material most will have to be xeroxed. Expect a charge of about \$10.00 per student.

Traditional grading allowed, but P/N is very strongly recommended.

Prerequisites: None

Distribution: Social Science

Time: II

Room: Old Main 28

# Mathematics

61130

The Mathematical Content of Music

Instructor: Ben Cooper

For hundreds of years, Westerners have made music conscious of Pythagorean theories of harmony, but not of any other mathematical features of their art. From a twentieth century point of view, we can recognize aspects of form and of compositional devices and rules which deserve to be called mathematics (but the mere adherence to which does not guarantee good music). At the risk of intellectual superficiality, we will probe (as illustrative) manifestations of algebra, geometry, and probability as we can find, laying the mathematical foundations as we go. Some of the possible musical topics: voice-leading rules; Bach's canons; rules of twelve-tone composition; consciously mathematical composition (e.g., Xenakis).

Prerequisites: No mathematical prerequisites. Must read music.

Distribution: None

Time: I

Room: Old Main 28

61135

Modern Math Ideas Shock the Liberal Arts

Instructor: Henry G. Follingstad

A controversial look into some uses and abuses of modern math concepts in the liberal arts. Group and individual directed study will stress the impact of math ideas and models on fields which relate to the nature and origin of the universe, the earth, life, and mankind. The focus will be on special topics in astronomy and cosmology as well as philosophy, anthropology, geology, biology, and theology.

Prerequisites: None

Distribution: Natural Science

Time: I

Room: Science Hall, Room 212

61240

Introduction to Data Structures

Instructor: James L. Johnson

Organizational and storage techniques necessary to create, maintain, and use a data base on a digital computer. Topics include (as time permits): computer representation of various types of data, character string manipulation, linear data structures, linked data structures, trees, graphs, sorting, searching, and mass storage files. Physical use of the computer will be minimal. Knowledge of a programming language is not required.

Prerequisites: Student should be comfortable with the manipulation of abstract symbols at a level which should be attained after taking first year calculus or equivalent course in the Natural Sciences. Consultation with the instructor is recommended prior to registration.

Distribution: None

Time: II

Room: Science Hall 205

61242

The Basic Concepts of Mathematics: The Demystification of Elementary Mathematics

Instructor: Beverly Durkee

Mathematics made simple - for those who think they don't like it, who are afraid of it, or who are mystified by it, but who must gear up to teach it to elementary school children. The basics of arithmetic and geometry of the modern elementary school will be studied

Prerequisites: None

Distribution: None

Time: I

Room: Science Hall 205

## Music

82110

Introduction to Music Therapy

Instructor: Roberta Metzler

General overview of the field of music therapy - where it is used, with whom, and how. Includes field trips to music therapy sites in Minnesota. Recommended for all students planning to major in music therapy, and those interested in general background information of the use of music for therapeutic reasons.

Prerequisites: None

Distribution: None

Time: I

Room: Music 120

82395

Opera Opera

Instructors: Steve Gabrielsen  
James Johnson

The production of two operas including singing, dancing, acting, stage design, choreography, lighting and promotion.

A week of evening performances. Auditions will be announced in Fall '76. Costumes supplied by students.

Prerequisites: Permission of instructor

Distribution: Fine Arts

Time: I and II

Room: Music Auditorium

82488

Piano Teaching Methods

Instructor: Diana Metzker

A study of the materials and techniques used in teaching piano to the young student. No previous teaching experience required but an average piano technique and keyboard facility is necessary. Class will involve work with piano labs, observation, teaching and discussion with prominent piano teachers.

Prerequisites: Average piano technique and keyboard facility

Distribution: None

Time: I

Room: Music 10

82212

82312

Make Your Own Music

Instructor: Robert Karlen

Offers an opportunity for the interested student to learn about traditional and non-traditional systems and in the creation of original works of music; and to try his hand at using any of these systems in creating his/her own compositions. Serial, aleatory, and electronic techniques will be included.

Prerequisites: Open to music majors as an upper division course, and to students with little or no training in music as a lower division course.

Distribution: None

Time: II

Room: Music 20

# Nursing

81320

Trends, Issues, and Leadership in Nursing

Instructors: Pamela Larson  
Donna Peterson

A course designed to investigate the current leadership responsibilities of the professional nurse and the trends and issues evolving in contemporary nursing practice.

Prerequisites: Admission to the Augsburg nursing program or permission of instructor.

Distribution: None

Time: I

Room: Fairview School of Nursing

# Philosophy

82135

Topics in Science and Religion: Or Adam Had Atoms

Instructor: Kenneth Bailey

This course will consider some of the areas of conflict, whether real or otherwise, between scientific and religious thought. It will be largely a discussion course, based upon assigned readings. Chiefly, we will be concerned with the question of whether a religious point of view can reasonably be maintained in a scientific milieu, and, if so, what form(s) it might take.

Prerequisites: None

Distribution: Humanities

Time: II

Room: Old Main 25

82435

Meister Eckhart as Mystic and Philosopher Instructor: Mark Fuehrer

Meister Eckhart was one of the most articulate spokesmen of the movement known as Rhineland Mysticism in the late middle ages. This course will attempt to analyse Eckhart's language as a mystic and determine what philosophical presuppositions he holds and how these presuppositions determine his thought.

Prerequisites: None

Distribution: Humanities

Time: I

Room: Old Main 22

# Physical Education

55105

Spectatorship or Hey! What's Going on Out There

Instructors: Edor Nelson  
Ed Saugestad

A classroom course for the non-participant. An orientation of the spectator to the techniques, strategy, scoring, etc. in the sports of football, soccer, hockey, and wrestling. This course does not apply to the major in physical education.

Prerequisites: None

Distribution: None

Time: I

Room: Melby Hall 12



55232

Recreation Activities and Rhythms

Instructor: LaVonne Peterson

Theory and practice in teaching recreational activities, social recreation, low-organized games, relays, camp activities, skits and stunts, musical games, simple crafts, folk and square dancing.

Prerequisites: Sophomore standing, not open to Freshmen

Distribution:

Time: I

Room: Gymnasium North Court

# Physics

84115

Progress: Reality or Myth?

Instructor: Mark Engebretson

Science and technology played an important role in the development of the notion of progress in the eighteenth and nineteenth centuries. New developments in technology made possible the rapid growth of wealth and power in much of the western world. Now, however, "progress" has lost its luster; many are blaming science and technology for betraying the ideals and dreams of modern society.

Thomas Kuhn's important book, *The Structure of Scientific Revolutions*, proposes that the notion of progress is itself faulty. After a study of the scientific, social, and religious roots of the idea of progress, we will consider the current debate about the uses and abuses of science in our world.

One short seminar and a written report will be required, in addition to routine readings. Guest lecturers and films will be interspersed with classroom lectures and discussion.

Prerequisites: None

Distribution: Fulfills Urban Studies requirement

Time: II

Room: Science Hall 22

84161

Understanding the Weather

Instructor: Kenneth Erickson

An introduction to the earth's weather, its causes and character. Designed for those interested in weather and weather prediction, this course seeks to provide students with an understanding of the basic science principles required for understanding weather. It is also hoped that students will gain an appreciation for the overall weather patterns of the earth and for the many and varied aspects of weather, including the influence weather has on the earth's inhabitants. Topics to be discussed include: the relationship of sun, earth and atmosphere; important physical quantities such as temperature and pressure; clouds and precipitation; unusual conditions like tornados and hurricanes; techniques and instrumentation for weather monitoring and control; aviation weather; and the influence of weather on pollution. Course activities include lectures, experimentation, forecasting, and guest speakers whenever possible.

Prerequisites: High School Algebra

Distribution: Natural Science

Time: I

Room: Science Hall 22

84449

Independent Study in Experimental Physics Instructor: Theodore Hanwick

This course provides the opportunity for students to systematically explore a problem in experimental physics. The student should select a topic for investigation from one of the following areas: spectroscopy, holography, astronomy, or electronics. An in-depth understanding of the selected topic will be acquired through study of appropriate resource material and by means of actual experimental investigation. Each student is required, before the start of the interim, to discuss his topic of investigation with the instructor and present a tentative proposal describing how the suggested work is to be completed. A final written report on the project will be required at the end of the interim.

Prerequisites: Junior or senior physics major or permission of the instructor.

Distribution:

Time: I

Room: Science Hall 25

# Political Science

85281

85481

## Rational Ignorance & Justice

Instructor: Myles Stenshoel

Focus is upon John Rawls' extraordinary work, A Theory of Justice, and his attempt to provide an alternative to received theories of political-economic justice. Course goals will be to understand his theory, its strengths and weaknesses, its implications for current structures, programs and proposals. Writing? Yes.

Prerequisites: Freshmen or sophomores by permission of the instructor,  
Juniors or seniors who have a concern for values and  
a willingness to wrestle with intellectual problems.

Distribution: Social Science

Time: I

Room: Old Main 18

# Poli.Sci. (Summer)

85340 (Political Science)

98340 (Speech)

## The British Design for Mass Media

Instructor: Milda Hedblom

Study of British mass media, based in London, for students of politics, communications, sociology. British mass media are noted for high quality production and content. We will study the cultural, political and artistic reasons for their eminence; there will be intensive interviews with BBC and ITV television and radio executive staff, London newspaper and magazine editors, Members of Parliament and British scholars of mass communications; we will visit major media centers in London as well as take visits to cultural attractions in Oxford, Stratford and other nearby areas.

Topics we will study during the first half of the interim include British views on the proper use of the mass media, the nature of political controls, funding provisions and others. Approximately the last two weeks of the interim will be devoted to independent work (under the supervision of the class instructor) with each student studying a particular aspect of one medium, such as television news production, or print censorship rules or radio overseas programming, etc. Some individuals may select topics requiring regional travel, such as Wales, or Scotland. This is acceptable but will be a separate cost and individually arranged in England.

The same instructor will accept students for independent study in British politics.

Prerequisites: Permission of instructor

Distribution: Social Science

Grading: Optional, preference to P/N

Cost: \$895.00

# Psychology

86105

## General Psychology

Instructor: Norman Ferguson

An introduction to the major content areas within psychology including biological bases of behavior, development, learning, language and memory, perception and sleep, motivation and emotion, personality, psychopathology, and psychotherapy. Reading and discussion. The class will be conducted using the question--answer and open discussion methods instead of using the lecture method. Heavy emphasis will be placed on inclass participation by each student. Adequate preparation prior to each class session will be assumed.

Not recommended for students intending to major in psychology.

Prerequisites: None

Distribution: Natural Science

Time: I

Room: Old Main 19

86130

The Child's World: Cognitive Development Instructor: Grace Dyrud

A study will be made of the development of the child's representation of events; noting stages and examples in language, reasoning, and judgment. There will be a fee of approximately \$3.00 for materials.

Prerequisites: None

Distribution: None

Time: I

Room: Old Main 7

86250

Computer Applications in Behavioral Science Instructor: Richard Marken

An introduction to the use of computers for the analysis of behavioral data and simulation of behavioral processes. Students will learn to write programs to do statistical analyses such as correlation and linear regressions, analysis of variance, and chi-square. Programs will be written in FORTRAN IV. Students will also study the behavior of programs which simulate interesting behavioral and biological processes such as perception, learning, and evolution. Each student will be required to do a programming project on a topic of interest. Topics for projects have been quite varied and have ranged from demonstrations of theorems in statistics to simulation of rumor propagation in crowds.

Prerequisites: General Psychology

Distribution: None

Time: II

Room: Science Hall 312

# Religion

87330

Women and God

Instructor: Eugene Skibbe

For men and women: What is the significance of women in relation to God and in the context of organized religion, especially the Christian religion? This is not only an academic problem, which involves analyzing past traditions and institutional arrangements, but also a personal question, which can be answered only by personal reflection and mutual discovery. Hopefully this course will benefit people in both ways. In early states of designing the course the teacher will seek help from students interested in this topic. The course will probably include a study of (a) references to women in Biblical literature, (b) notable women in Western religious history, (c) the role of women and the female principle in non-Western religions, (d) fundamental problems of human perception, language and culture with regard to reality and sexuality, (e) the relation of the Gospel to sexual differentiation, (f) women religious and theological leaders today. The approach will include assigned readings, discussions, outside speakers, and (probably) a written research project. Taught (or coordinated) by a man.

Prerequisites: Religion 111 or 221

Distribution: Religion

Time: II

Room: Science 320

# Social Work

95257

Practicum in Human Services

Instructor: Vern Bloom

With faculty approval, student selects a placement as a half-time volunteer in a social agency or institution. Opportunity to know social work professionals, social service delivery systems, and career aspects in the helping vocations. Independent study with a term paper report and review conferences. Especially recommended for freshmen and sophomores.

Prerequisites: Consent of instructor

Distribution: Required for Social Work majors

Time: I

Room: Memorial Hall 1

# Sociology-Social Work

95352

Human Service Issues in Selected Areas

Instructor: Tony Wagner

Seminars consisting of an introduction of the major social policy issues and service delivery structures associated with selected areas of social work practice. Areas include social security, mental retardation, alcohol and chemical dependency, youth, aging, welfare ecology, and serism in social work. Field experience of 16 hours per week.

Prerequisites: 351 and junior, or permission of instructor

Distribution: Required for Social Work majors

Time: I

Room: Old Main 1

# Sociology

94121

## Principles of Sociology

Instructor: Robert Grams

Both the popular press and informal discussions suggest an increased concern about the viability of our institutions and social relationships. One constantly hears about the lack of cohesiveness of families, the dehumanizing effects of large organizations, problems regarding the distribution of wealth and political power, the mounting crime rate, the inability of our institutions to rehabilitate criminals, and so forth. This course provides an overview of what the sociologist has to offer in regard to such issues. More specifically, the course consists of a set of units -- each of which provides an overview of the sociologist's analysis of some aspect of social life. Each unit will be approached through a combination of lectures, readings, discussions and assignments designed to help the student apply what is being learned.

Prerequisites: None

Distribution: Social Science

Time: I

Room: Old Main 27

94225

## Blue Collars and Hard Hats: The Culture of the Working Class

Instructor: Gordon Nelson

In an increasingly bureaucratic society, the manual laborer and craft worker have tended to be relegated to a stereotyped, subculture status in American urban life. Television's Archie Bunker is as good an example as any of the stereotype. This course will examine the American working class, especially as it is found in the urban setting, in an attempt to determine whether the stereotype is a valid one. The course will include readings in some of the current literature on the topic, field observations in working class settings, and a final examination.

Prerequisites: None

Distribution: Social Science or Urban

Time: I

Room: Old Main 21

94383

Racial and Minority Group Relations

Instructor: Jerry Gerasimo

The dimensions of racial and minority group relations. Major attention is focused upon prejudice, racism, and the role of self-understanding. This course will be offered on P/N basis only.

Prerequisites:

Distribution:

Time: II

Room: Old Main 27

## Speech

98158  
98358

Values and Communication: Socrates, Jesus, Kierkegaard, Buber

Instructors: Ray Anderson  
John Benson

A study of forms of discourse which are intended to communicate basic values and views of life. The forms are many and varied, embracing such diverse activities as Socratic questioning, Jesus's use of parable and symbolic action; Kierkegaard's indirect communication, and Buber's use of dialogue. All four of these men explored the relationship of form and context in communication. A central focus will be: How and why did these men communicate as they did? The course will involve lectures, readings, discussions, papers and student speeches. Some attendance at events outside of class may be required.

Prerequisites: None

Distribution: Does not fulfill religion requirement, but may be used for speech, communications or religion major.

Time: II

Room: Old Main 7



98229

Intercultural Communications in Mexico      Instructor: Joel Muggé

The interim will be based in Mexico City, Oaxaco, and a Benedictine monastery in the village of Ahuatepec near Cuernavaca with small group field trips to other parts of the country. Travel to Mexico will be by charter bus and train. Mexico provides a setting where many political, social, and religious values are much different than our own. The course will explore ways in which these aspects of culture influence and shape the communication process, both verbal and non-verbal. We shall attempt to examine the barriers that block effective communication between cultures and explore the ways these barriers can be broken down. This will be facilitated through direct contact with several dimensions of Mexican life - urban Mexico City, the indigenous culture of Oaxaca, a disciplined monastic community, and the residents of a small village. Several paperback texts, an extensive daily journal, and a final paper will be required. The central focus of the interim is an examination of the process of communication between cultures and the ways in which communication barriers can be broken down. Considerable attention will be given to the way in which cultural values effect the communication process. To accomplish our task, we will focus on such issues as: the communication process within the group itself; the dynamics of development within the Third World nations; theological issues related to human communication and Third World development; specific elements of Mexican culture; and the theory of intercultural communication.

Prerequisites: None

Distribution: None

Cost: estimated \$490.00

98285

Theater Practicum: Children's Theater Production

Instructor: Ailene Cole

The members of the class will plan, rehearse, execute the technical aspects of the production, and present to audiences composed primarily of children a dramatic production approximately 50 minutes in length.

Prerequisites:

Distribution:

Time: I and II (9:30-12:00; 1:00-3:00)

Room: Speech Auditorium

Art II: The Arts of Europe

Instructor: Reidar Dittmann

Beginning with a brief stay in Italy for a background exposure to the art of the Renaissance in Florence, the course will focus on nineteenth century movements as shown in galleries in Zurich, Munich, Cologne, Amsterdam, Paris, and London. Relatively brief stays in the cities en route will be followed by one week each in Paris and London. Students will be required to keep a journal and prepare an evaluative paper on a single artist represented in one or more of the collections viewed.

Prerequisite: Consent of Instructor

Distribution: For distribution recognition, consult Chairman, Department of Art

Enrollment: 25

Cost: \$895.00

Asian Studies IIa: Hawaiian Intercultural Relations

Instructor: Olaf Millert

A study of the interrelation of cultures, Asian, Polynesian, and American, which have come to interact with each other in Hawaii. Participants will be assumed to have basic familiarity with the American component, and the course will therefore concentrate on Asian and Polynesian traditions as shown in social customs, religion, and the arts, and on the consequences of their interaction with the American tradition in the 50th state.

Two weeks at the University of Hawaii in Honolulu, with lecturers from both the University of Hawaii and the East-West Center, will be followed by a third week at Brigham Young University - Hawaii Campus at Laie. Representatives of the various Polynesian islands will talk about their heritage, and participants will have access to the polynesian Cultural Center with its displays and performances. In the final week at the Makapalo Retreat Center on the island of Hawaii, there will be summary discussions and symposia based on papers written by students about their special project. Ample opportunity to explore historic sites, ethnic and art museums, religious shrines --and the beaches. Hawaii itself is a living laboratory of intercultural relations.

Prerequisites: Consent of Instructor

Distribution: None

Enrollment: 25

Cost: \$895.00

# ST. OLAF INTERIMS ABROAD

Biology IIe or IIIe: Human Ecology in Israel Instructor: Daniel Palm

Designed to promote a study and discovery of the interactions and relationships between man, his culture and history, and the environment in which he lives, the course will be interdisciplinary in nature. In a country with a unique range of climatic, geological, racial, economic and historical perspectives, the pursuit of the ascent of man can be particularly rewarding. Field trips around Jerusalem, to Galilee, the Mediterranean seaboard, the Judean wilderness, Negev desert, and the Red Sea at Eilat will provide ample opportunity to learn at the centers of antiquity. Lectures, discussions, and assigned readings will provide the background for the preparation of a paper dealing with some specific topic in human ecology in Israel.

Prerequisites: one semester of biology and one semester of behavioral science.

Distribution: None

Enrollment: 30

Cost: \$1,100.00

Classics II: Mediterranean Culture Instructor: Lloyd Gunderson

The civilization of Greece from the Bronze Age through Classical Antiquity viewed from two principal locations, Heracleum and Athens. Daily lectures and visits to Bronze Age Minoan sites in Crete at Knossos, Phaistos, and Mallia, and close attention to the vast collection in the Archaeological Museum at Heracleum. In Athens and its environs, with the aid of the famed National Museum, further study of the Bronze Age of the Mycaneans, and field trips to Classical sites.

Prerequisites: Consent of Instructor

Distribution: None

Enrollment: 25

Cost: \$975.00

French III: French Language, Culture, and Theater in Paris

Instructor: Verena Conley

For advanced students in French. Attendance at performances integrated with analysis and discussion. Visits to artistic and cultural exhibits. Two full-day excursions (to Versailles and Chartres) with French-speaking lecturers. Optional week-end excursions to Normandy. Study of items of topical interest in the daily and weekly press. One of the most important aspects of language study during the period is the four hours of conversational practice in groups of three each, with a French student of the University of Paris acting as tutor. Students will keep a daily journal in French incorporating reflections on the theatre and observations on French life.

Prerequisites: Consent of Instructor

Distribution: None

Enrollment: 15

Cost: \$895.00

German IIB: Encounter with the Two Germanys Instructor: Hanno Klassen

A study of the separate ways of Germany since 1945. Two weeks with the people of the German Democratic Republic will be followed by a concluding stay in the Federal Republic of Germany. The course is designed to use the German language for a comparative study of the two Weltanschauungen which have shaped very different political nations.

In the German Democratic Republic the Youth Hostel in Leipzig will be the contact base. Side trips will be made to other places of cultural interest. Munich will be the location for inquiries into life in the Federal Republic. Students will live with host families. Individual contact with the people is stressed. Lectures and discussions with students, religious groups, visits to social and welfare institutions, and attendance at artistic performances and exhibitions. Daily discussions. Participants are expected to speak German at all times. Each student is required to keep a journal.

Prerequisites: Consent of Instructor

Distribution: None

Enrollment: 20

Cost: \$895.00

Interdisciplinary IIC: Industrial Democracy in Europe

Instructor: Daniel Hellinger

International economic forces seem to be drawing Europe together, while ethnic and class conflicts within individual states are straining national cohesiveness. The course will focus on the forces of cohesion and conflict, both economic and political, which are shaping the form and scope of industrial democracy in Europe. Discussion planned with businessmen, scholars, trade unionists, and politicians. Cities on the itinerary are Amsterdam, Brussels, Luxembourg, Strasbourg, Paris and London.

Prerequisites: Consent of Instructor

Distribution: None

Enrollment: 25

Cost: \$895.00

Music IIG: Instrumental Music in England 1825-1977

Instructor: Miles H. Johnson

An instrumental ensemble of 45-80 students, selected by audition, will participate in a work-study program divided into two segments:

1. The history, development, musical and instrumental structure, and the literature of the British Wind Band. Daily lectures and/or rehearsals with the instructor and with British historians and musicians. These will trace wind music from Handel through the giants such as Holst and Britten.
2. Study projects by groups of students on aspects of musical life in an isolated island culture. Sample topics: The Music of Handel, Cathedral Festivals, BBC and Music in England, Music and Times of Elgar, Jacob. Sources for research include the British Museum, Cathedral libraries. Lectures and study will be supplemented by attendance at concerts and field trips to Oxford, Cambridge and Coventry.

Prerequisites: Acceptable audition

Distribution: For distribution recognition, consult with Chairman,  
Department of Music

Enrollment: 45-80

Cost: \$895.00

Religion IId: Christian Rome to 1600 A.D. Instructor: Harold Ditmanson

A study designed to make Christian history come alive through an exploration of Christian Rome as an example of Western Christian history in a microcosm. Readings and lectures will be carefully integrated with direct exposure to sites, monuments, art and artifacts related to the development of the Church in Rome. Beginning with the pagan city, the seminar will cover its transformation into a Christian center and its continued importance throughout the Middle Ages. Resources include the Vatican Museum, Catacombs, Basilicae of St. Peter and Paul, papal tombs, etc. Brief visits will be made to Florence, Assisi, Subiaco, Pompeii, Pisa.

Prerequisites: Consent of Instructor

Distribution: Religion

Enrollment: 35

Cost: \$895.00

Religion IIf: Proclamation and Development: Dynamics of Christian Social Concern in the Third World

Instructor: Ansgar Sovik

The study will focus on the relation of Christian proclamation to poverty, political oppression and social injustice in the Third World, and the Christians' responsibility for working toward structures that make possible a truly human existence. The Roman Catholic Benedictine Monastery at Ahuatepec near Cuernavaca will house participants. Members of the Monastery staff and other qualified lecturers will share in directing the reading, study, and discussion of Latin American "liberation theology," represented by such writers as Bonino, Camera, Torres, Guitierrez, Friere, Gheddo, Paz, and Goulet, and by the "Christian for Socialism" movement in Latin America. Direct exposure to and involvement in community development project through which the church is seeking to actualize its social concern will be an integral part of the program. Week-end field trips will feature areas of cultural and religious interest such as Mexico City, the pyramids of Teotihuacan, the colorful Aztec market town of Tepoztlan, the magnificent archaeological remains at Oaxco, the crafts city of Taxco, etc.

Prerequisites: Freshman religion

Distribution: Religion

Enrollment: 20

Cost: \$310.00 plus transportation

Russian IIa: USSR: A Cultural Experience Instructor: James Walker

Focus on Kiev, Moscow, and Leningrad -- with trips to Zagorsk and Vladimir-Suzdal -- to experience a portion of the rich cultural heritage of the Russian people, from their classic church architecture to their ballet, from their folk music to their contemporary art. Each participant will be expected to read in a specialized area of Russian culture as preparation for the course and upon return to campus submit a paper on one aspect of specialization based on such reading and personal experiences in the USSR. Brief visits to Prague, Czechoslovakia and Warsaw, Poland.

Prerequisites: Consent of Instructor

Distribution: None

Enrollment: 25

Cost: \$995.00 (round trip transportation is from Chicago)

Spanish IIIId: Spanish Language, Culture, and Theatre in Madrid

Instructor: Leon Narvaez

Aimed at improving spoken Spanish, widening cultural experience, and becoming acquainted with the Spanish theatre. Based in Madrid with study trips to Avila, Toledo, the Valley of the Fallen, El Escorial, and Segovia. Activities include tutoring three times a week by Spanish students from the University of Madrid, frequent visits to the Prado and other museums, attendance at theatre performances integrated with analysis and discussion. The group will also attend concerts of the Madrid Symphony, film showings, and other cultural functions, as well as protestant and Catholic church services. Students will keep a journal in Spanish.

Prerequisites: Consent of Instructor

Distribution: None

Enrollment: 15

Cost: \$895.00





Addendum # 1

Education - Discovering the World of Kindergarten should be 44331 (Elementary) rather than 45331.

Foreign Language

76457 Spanish Novel - Prerequisites should be 76352, 76353

History

56325

Mass Movements in the Black Community: 1880-1940

Instructor: Ralph L. Crowder

The central focus of this course will be an examination of selected mass movements within the Afro-American community during the period of 1880-1940. Our inquiry will be guided by an analytical and historical critique of critical eras and key periods within the late 19th and early 20th century Black experience. An established set of criteria (eg. movement composition and structure, patterns of recruitment, ideological underpinnings, goals, etc.) will serve as the principal means of investigation. Throughout the course, lectures, slide showings, records, tapes and outside speakers will amplify required readings and research. Essentially the course will not only define Black History as a written and documented expression of a people; but in addition, we will tap the so-called expressions of the "inarticulate" as legitimate historical concerns. Therefore, the issue of Black survival, survival skills, and race rejuvenation will play a paramount role within our analysis. Two additional areas of concern will be the relationship of various segments of the white community and the necessity to define and understand the meaning and impact of HISTORY.

It is impossible to understand the potential and meaning of today's struggle for Black liberation without an understanding of its past. Black Americans have and continue to exist in three dimensions (i.e. the past, the present and the future) -- products of an unescapable historical reality forging a reciprocal relationship with the present and destiny of the future. To make history one must comprehend historical forces -- the first step to freedom for any oppressed people is to find and free their history. A critical understanding of Mass Movements within the Black Community can and must play a vital role within this serious challenge.

Prerequisites: A prior history course is suggested. Lower Division students may enroll with instructor's permission.

Distribution: Social Science

Time: II

Room: Old Main 19

Mathematics

61242 Basic Concepts of Mathematics: The Demystification of Elementary Mathematics will count as Natural Science distribution requirement

Music

82325

Modern Non-traditional Music Notation and Its Uses Instructor: Leland Sateren

A study of contemporary musical scores which employ non-traditional notation, followed by original class work in notating musical sounds via graphic symbols.

Prerequisites: Music 82224 (Theory)

Distribution: None

Time: II

Room: Music 10

Philosophy - courses number 82135 and 82435 should be 83135 and 83435

Political Science/Speech, Communication

85342 (Political Science)

98342 (Speech)

Mass Communication in Society

Instructor: Milda Hedblom

Effects of mass communication on individual behavior; the uses and control of mass media for political and social purposes including public opinion research and political public relations.

Prerequisites: None

Distribution: Social Science or Humanities or Urban Studies

Time: II

Room: Old Main 8

Political Science (Summer)

85340

The British Design for Mass Media is CANCELLED

Physics     The wrong course description was included in Interim catalog. It should be:

84115

Progress Or Disaster: Where Is Mankind Going?     Instructor: Mark Engebretson

Like it or not, science has become a vital social and intellectual force in modern America, mostly for the wrong reasons. While "better living through chemistry" and "progress is our most important product" fill the media, serious thinkers grapple with the urgent problem of survival amid pollution, overpopulation, and the increasing robotization of man.

This course will look at many of the misconceptions of science, and at some of the social issues facing scientists and non-scientists alike:

Texts:

- A. Readings on the idea of progress: how we got here - religious and social roots of the popular belief in progress through science.
- B. An Inquiry into the Human Prospect, Heilbroner: civilization as we know it may be doomed!  
The Next 200 Years, Kahn; Mankind is making more progress than ever!
- C. The Structure of Scientific Revolutions, Kuhn: science does not necessarily lead to progress or happiness.
- D. The Poverty of Power, Commoner: a careful study of the options in our future.

Open to all students. Films will augment lectures and discussion.

Prerequisites: None

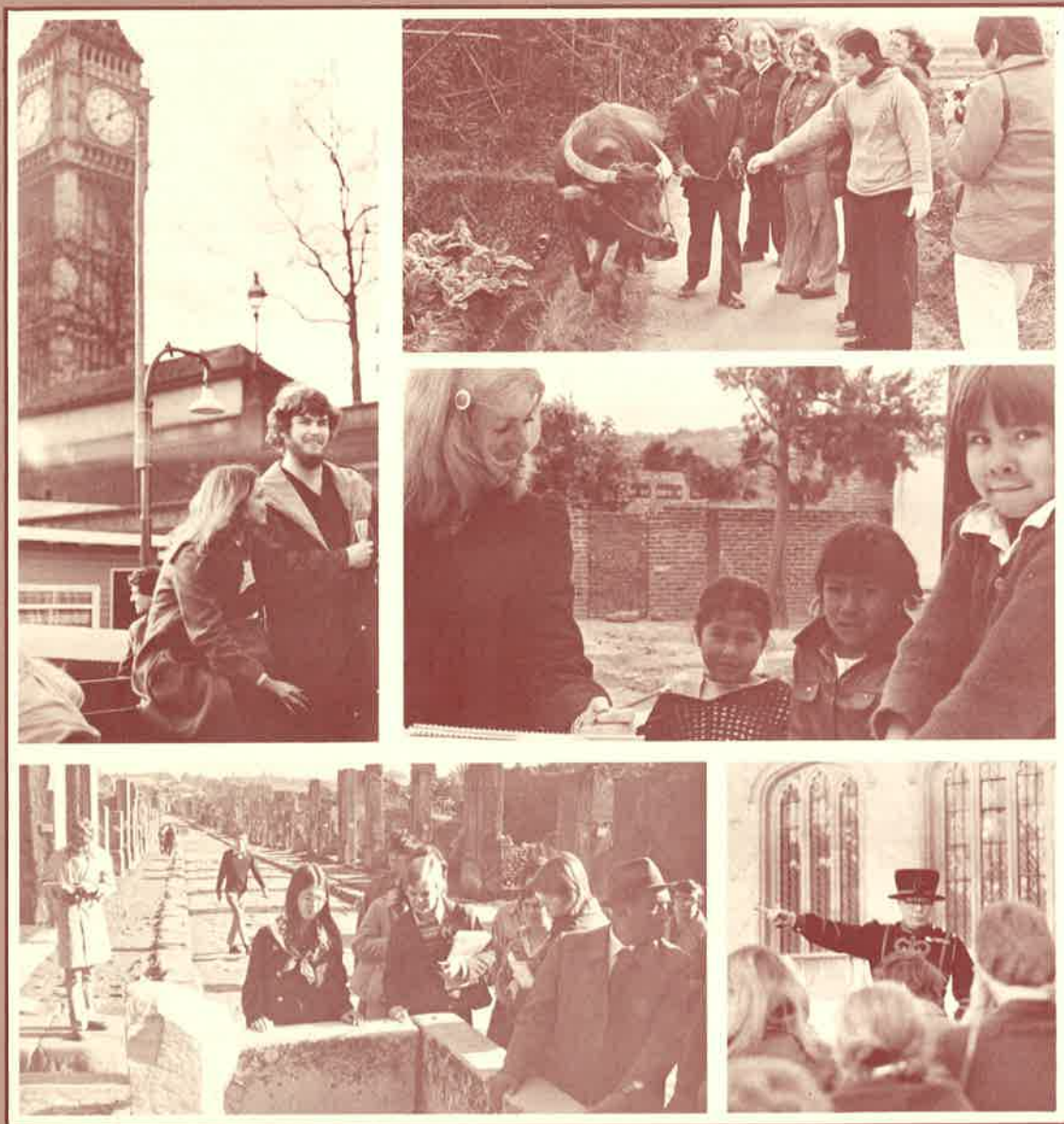
Distribution: Urban Studies requirement

Time: II

Room: Science Hall 22

# Interims Abroad, January, 1977

Cooperative Programs of Augsburg and St. Olaf Colleges



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## Program in Africa

**Economics IIc: Business and Economics:  
Multinational Corporations focus on Egypt** /150.00  
Amin Kadir, *Augsburg* Cost: ~~\$1,500.00~~

With the multinational corporation form of business entity becoming a way of survival in today's business world, many American corporations are expanding throughout the world. Since most Egyptian consumption demands are not fulfilled and local competition is minimal, Egypt is receiving much attention these days from the American business community. Because the nation's cultural and religious beliefs play a major role in shaping its business systems and practices, they are quite different from those of the United States. Thus the success of multinational corporations in Egypt depends to a large degree on their ability to adjust to the character of Egyptian business approaches.

Participants will study the multinational corporation form of business in general and its role in Egypt in particular with emphasis on the nation's business history, the role of industrialization, the local economic system, Egypt's religious beliefs, and the role of government in control of the nation's economy. Lectures by native experts will be added to those by the instructor who is himself an Egyptian. The course will be based in Cairo with field trips to Alexandria, Saqqara, Memphis, Luxor, and Aswan.

Does not count toward major.  
Fulfills distribution requirement at *Augsburg* only.  
Grading: Optional  
Enrollment:

## Programs in Europe

**Art II: The Arts of Europe** Cost: \$895.00  
Reidar Dittmann, *St. Olaf*

Beginning with a brief stay in Italy for a background exposure to the art of the Renaissance in Florence, the course will focus on nineteenth century movements as shown in galleries in Zurich, Munich, Cologne, Amsterdam, Paris, and London. Relatively brief stays in the cities en route will be followed by one week each in Paris and London. Students will be required to keep a journal and prepare an evaluative paper on a single artist represented in one or more of the collections viewed.

Counts toward Art Major.  
Fulfills distribution requirement (Area B).  
Enrollment: 25  
Prerequisite: Consent of Instructor

**Classics II: Mediterranean Culture** Cost: \$975.00  
Lloyd Gunderson, *St. Olaf*

The civilization of Greece from the Bronze Age through Classical Antiquity viewed from two principal locations, Heracleum and Athens. Daily lectures and visits to Bronze Age Minoan sites in Crete at Knossos, Phaistos, and Mallia, and close attention to the vast collection in the Archaeological Museum at Heracleum. In Athens and its environs, with the aid of the famed National Museum, further study of the Bronze Age of the Mycenaean, and field trips to Classical sites.

Counts toward major.  
Fulfills distribution requirement (Area A or B).  
Enrollment: 25

**French III: French Language, Culture,  
and Theater in Paris** Cost: \$895.00

Verena Conley, *St. Olaf*

For advanced students in French. Attendance at performances integrated with analysis and discussion. Visits to artistic and cultural exhibits. Two full-day excursions (to Versailles and Chartres) with French-speaking lecturers. Optional week-end excursions to Normandy. Study of items of topical interest in the daily and weekly press. One of the most important aspects of language study during the period is the four hours of conversational practice in groups of three each, with a French student of the University of Paris acting as tutor. Students will keep a daily journal in French incorporating reflections on the theatre and observations on French life.

Counts toward French major.  
Fulfills distribution requirement (Area A).  
Grading is Pass/No Credit only.  
Enrollment: 15  
Prerequisite: French 51 with minimum grade of B-

**German IIb: Encounter with the Two Germanys**  
Hanno Klassen, *St. Olaf* Cost: \$895.00

A study of the separate ways of Germany since 1945. Two weeks with the people of the German Democratic Republic will be followed by a concluding stay in the Federal Republic of Germany. The course is designed to use the German language for a comparative study of the two Weltanschauungen which have shaped very different political nations.

In the German Democratic Republic the Youth Hostel in Leipzig will be the contact base. Side trips will be made to other places of cultural interest. Munich will be the location for inquiries into life in the Federal Republic. Students will live with host families. Individual contact with the people is stressed. Lectures and discussions with students and religious groups, visits to social and welfare institutions, and attendance at artistic performances and exhibitions. Daily discussions. Participants are expected to speak German at all times. Each student is required to keep a journal.

Counts toward German major.  
Fulfills distribution requirement (Area A).  
Enrollment: 20  
Prerequisite: German 32

**Interdisciplinary IIa: Theatre in London**  
Pat Quade, *St. Olaf* Cost: \$895.00

Study of drama through attendance at performances. More than 40 theatres make London the theatrical center of the English-speaking world and will enable students to experience varieties of dramatic productions, modern and traditional. The course will involve play attendance and discussion, backstage observation and conservation. Supplemental visits are planned to the cultural attractions in London, Stratford, Oxford, and Cambridge, and to a representative regional theatre. Students will keep journals.

Counts toward English or Speech major.  
Fulfills distribution requirement (Area A or B).  
Grading is Pass/No Credit only.  
Enrollment: 25

**Interdisciplinary IIb: Theatre in London**  
Toni C. Thornton, *Augsburg* Cost: \$895.00

Theatre in London will provide the opportunity to experience the finest theatre in the world. The heart of the course will be attending and discussing productions of Renaissance, Restoration and modern plays performed by the Royal Shakespeare Company, the Old Vic, the Young Vic, the National Theatre, and others. Visits to the British Museum, the Victoria and Albert Museum, the National Portrait Gallery, the Tate Gallery, the Tower of London, the Houses of Parliament, and Stratford upon Avon. Time will be allotted for independent activities. Grades will be based upon participation in discussion of the plays and productions, and upon a journal recording students' impressions and analyses of the plays, discussions and events of the Interim.

Counts toward English or Speech major.  
Fulfills distribution requirement.  
Grading is Pass/No Credit only.  
Enrollment: 25

## Program in the Middle East

**Interdisciplinary IIc:  
Industrial Democracy in Europe** Cost: \$895.00  
Daniel Hellinger, *St. Olaf*

International economic forces seem to be drawing Europe together, while ethnic and class conflicts within individual states are straining national cohesiveness. The course will focus on the forces of cohesion and conflict, both economic and political, which are shaping the form and scope of industrial democracy in Europe. Discussion planned with businessmen, scholars, trade unionists and politicians. Cities on the itinerary are Amsterdam, Brussels, Luxembourg, Strasbourg, Paris and London.

Counts toward Political Science or Economics major (depending upon the type of requirements completed).  
Fulfills distribution requirement (Area C).  
Enrollment: 25  
Prerequisites: One course in Economics or one course in Political Science or completion of a short reading list as a substitute.

**Music IIg: Instrumental Music  
in England 1825-1977** Cost: \$895.00  
Miles H. Johnson, *St. Olaf*

An instrumental ensemble of 45-80 students, selected by audition, will participate in a work-study program divided into two segments:

1. The history, development, musical and instrumental structure, and the literature of the British Wind Band. Daily lectures and/or rehearsals with the instructor and with British historians and musicians. These will trace wind music from Handel through the giants such as Holst and Britten.

2. Study projects by groups of students on aspects of musical life in an isolated island culture. Sample topics: The Music of Handel, Cathedral Festivals, BBC and Music in England, Music and Times of Elgar, Jacob. Sources for research include the British Museum, Victoria and Albert Museum, Cathedral libraries. Lectures and study will be supplemented by attendance at concerts and field trips to Oxford, Cambridge and Coventry.

Counts toward Music major.  
Fulfills distribution requirement (Area B)  
Enrollment: 45-80  
Prerequisite: Acceptable Audition

**Religion IIc: Christian Rome to 1600 A.D.**  
Harold Ditmanson, *St. Olaf* Cost: \$895.00

A study designed to make Christian history come alive through an exploration of Christian Rome as an example of Western Christian history in microcosm. Readings and lectures will be carefully integrated with direct exposure to sites, monuments, art and artifacts related to the development of the Church in Rome. Beginning with the pagan city, the seminar will cover its transformation into a Christian center and its continued importance throughout the Middle Ages. Resources include the Vatican Museum, Catacombs, Basilicae of St. Peter and Paul, papal tombs, etc. Brief visits will be made to Florence, Assisi, Subiaco, Pompeii, Pisa.

Counts toward Religion major.  
Fulfills general requirement.  
Enrollment: 35  
Prerequisite: Religion 11, or equivalent, interest in Christian history, and approval of Religion Department chairman.

**Russian IIa: USSR: A Cultural Experience**  
James Walker, *St. Olaf* Cost: \$995.00  
*round trip transportation from Chicago*

Focus on Kiev, Moscow and Leningrad — with trips to Zagorsk and Vladimir-Suzdal — to experience a portion of the rich cultural heritage of the Russian people, from their classic church architecture to their ballet, from their folk music to their contemporary art. Each participant will be expected to read in a specialized area of Russian culture as preparation for the course and upon return to campus submit a paper on one aspect of specialization based on such reading and personal experiences in the USSR. Brief visits to Prague, Czechoslovakia and Warsaw, Poland.

Counts toward Russian major.  
Does not fulfill distribution requirement.  
Enrollment: 25

**Spanish IIIc: Spanish Language, Culture,  
and Theatre in Madrid** Cost: \$895.00  
Leon Narvaez, *St. Olaf*

Aimed at improving spoken Spanish, widening cultural experience, and becoming acquainted with the Spanish theatre. Based in Madrid with study trips to Avila, Toledo, the Valley of the Fallen, El Escorial, and Segovia. Activities include tutoring three times a week by Spanish students from the University of Madrid, frequent visits to the Prado and other museums, attendance at theatre performances integrated with analysis and discussion. The group will also attend concerts of the Madrid Symphony, film showings, and other cultural functions, as well as Protestant and Catholic church services. Students will keep a journal in Spanish.

Counts toward Spanish major.  
Fulfills distribution requirement (Area A)  
Grading is Pass/No Credit only.  
Enrollment: 15  
Prerequisite: Spanish 51 with minimum grade of B-.

**Biology IIe or IIIe:  
Human Ecology in Israel** Cost: \$1,100.00  
Daniel Palm, *St. Olaf*

Designed to promote a study and discovery of the interactions and relationships between man, his culture and history, and the environment in which he lives, the course will be interdisciplinary in nature. In a country with a unique range of climatic, geological, racial, economic and historical perspectives, the pursuit of the ascent of man can be particularly rewarding. Field trips around Jerusalem, to Galilee, the Mediterranean seaboard, the Judean wilderness, Negev desert, and the Red Sea at Eilat will provide ample opportunity to learn at the centers of antiquity. Lectures, discussions, and assigned readings will provide the background for the preparation of a paper dealing with some specific topic in human ecology in Israel.

Counts toward Biology major.  
Fulfills distribution requirement (Area D)  
Enrollment: 30  
Prerequisite: One semester of biology and one semester of behavioral science.



## Programs in Mexico and the Caribbean

**Religion III: Proclamation and Development:  
Dynamics of Christian Social Concern  
in the Third World** Cost: \$310.00  
Ansgar Sovik, *St. Olaf* plus transportation

The study will focus on the relation of Christian proclamation to poverty, political oppression and social injustice in the Third World, and the Christians' responsibility for working toward structures that make possible a truly human existence. The Roman Catholic Benedictine Monastery at Ahuatepec near Cuernavaca will house participants. Members of the Monastery staff and other qualified lecturers will share in directing the reading, study, and discussion of Latin American "liberation theology," represented by such writers as Bonino, Camera, Torres, Gutierrez, Friere, Gheddo, Paz, and Goulet, and by the "Christians for Socialism" movement in Latin America. Direct exposure to and involvement in community development project through which the church is seeking to actualize its social concern will be an integral part of the program. Week-end field trips will feature areas of cultural and religious interest, such as Mexico City, the pyramids of Teotihuacan, the colorful Aztec market town of Tepoztlan, the magnificent archaeological remains at Oaxco, the crafts city of Taxco, etc.

Counts toward Religion major.  
Fulfills general requirement.  
Enrollment: 20  
Prerequisite: Freshman religion.

**Spanish IIa: Intensive Intermediate Spanish in  
Cuernavaca, Mexico** Cost: \$450.00  
plus transportation

Staff of Cuernavaca Language School  
(formerly CIDOC)

Intensive study of the Spanish Language in the native setting with native-speaking instructors, at the Cuernavaca Language School in Cuernavaca, Mexico. Strong emphasis on the development of functional language skills at the upper-intermediate level. The relationship of language to culture is also treated. Occasional trips to important cultural and archaeological sites. A "working" language course in an exciting and colorful setting.

Counts as equivalent of Spanish 32.  
Grading is Pass/No Credit only.  
Prerequisite: Successful completion of Spanish 31 or equivalent.

**Spanish IIIa: Intensive Advanced Spanish in  
Cuernavaca, Mexico** Cost: \$450.00  
plus transportation

Staff of Cuernavaca Language School  
(formerly CIDOC)

Intensive study of the Spanish language at the advanced level in a native setting with native-speaking instructors of the Cuernavaca Language School in Cuernavaca, Mexico. Strong emphasis on the development and perfecting of language skills at the advanced level. Trips to important

cultural and archaeological sites. Emphasis on differing cultural values in the Spanish language area.

Counts toward Spanish major.  
Grading is Pass/No Credit only.  
Prerequisite: Spanish 51

**Interdisciplinary IId: Intercultural  
Communication in Mexico** Cost: \$490.00  
Joel Mugge, *Augsburg*

Based in Mexico City, Oaxaca, and a Benedictine monastery in the village of Ahuatepec near Cuernavaca, with small group field trips to other parts of the country. Travel to Mexico will be by charter bus and train. Mexico provides a setting where many political, social, and religious values are much different from our own. The course will explore ways in which these aspects of culture influence and shape the communication process, both verbal and non-verbal. An examination of the barriers that block effective communication between cultures and explore the ways these barriers can be broken down will be facilitated through direct contact with several dimensions of Mexican life — urban Mexico City, the indigenous culture of Oaxaca, a disciplined monastic community, and the residents of a small village. Several paperback texts, an extensive daily journal, and a final paper will be required.

Does not count toward major.  
Fulfills distribution requirement.  
Grading is Pass/No Credit only.  
Enrollment: 40

**Interdisciplinary IIE: French and Art:  
French Caribbean Culture** Cost: \$895.00  
Mary E. Johnson, *Augsburg*

Studies in the art, history, music, and cultural richness of Haiti and Martinique, their role in the French-speaking world, and their significance as a part of the Caribbean. After four days of intensive preparation on campus, the group will spend two and one half weeks in Haiti, and one week in Martinique with a possible stop in Guadeloupe. Lectures, readings, field experiences, oral reports and a journal required. In Haiti, studies will include visits to art galleries, the Centre D'Art, the Albert Schweitzer Hospital, the University of Haiti, the Citadelle Laferriere, the Sans Souci Palace, a sugar factory, and other interest spots. Similar emphasis will pertain in Martinique. Offered for French credit on intermediate and advanced levels, and/or art credit (independent study) by permission of art department.

Does not count toward major.  
Fulfills distribution requirement at *Augsburg* only.  
Grading is Pass/No Credit only.  
Enrollment: 25

## Program in Hawaii

**Asian Studies IIa:  
Hawaiian Intercultural Relations** Cost: \$895.00  
Olaf Millert, *St. Olaf*

A study of the interrelation of cultures, Asian, Polynesian, and American, which have come to interact with each other in Hawaii. Participants will be assumed to have basic familiarity with the American component, and the course will therefore concentrate on Asian and Polynesian traditions as shown in social customs, religion, and the arts, and on the consequences of their interaction with the American tradition in the 50th state.

Two weeks at the University of Hawaii in Honolulu, with lecturers from both the University of Hawaii and the East-West Center, will be followed by a third week at Brigham Young University — Hawaii Campus at Laie. Representatives of the various Polynesian islands will talk about their heritage, and participants will have access to the Polynesian Cultural Center with its displays and performances. In the final week at the Makapalo Retreat Center on the island of Hawaii, there will be summary discussions and symposia based on papers written by students about their special project. Ample opportunity to explore historic sites, ethnic and art museums, religious shrines — and the beaches. Hawaii itself is a living laboratory of intercultural relations.

Counts toward Asian Studies major.  
Fulfills no distribution requirement.  
Enrollment: 25