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Courses 5-24

ART ... BIO ... BUS ... CHM ... ECO
... EDE ... EDS ... ENG ... FRE ...
GER ... SPA ... GST ... HPE ... HIS
... INS ... MAT ... MUS ... NUR ...
PHY ... POL ... PSY ... REL ... SOC
... SWK ... SPC ... Lifetime Sports

1985
Interim Catalog
AUGSBURG
COLLEGE

Minneapolis, Minnesota



Essential Information

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

There is no tuition refund for a student who chooses not to enroll in an interim course.

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 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 a more rigorous grading standard.

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 enrolled full time for two years is required to complete one interim for graduation.)

This Catalog

This catalog lists courses by departments with departments listed in alphabetical order. At the end of the book are listings of other courses not offered by Augsburg but recognized by the College for interim credit. Further descriptions and information about these courses are available in the Interim office, Memorial 230. Students may also register for one of the Lifetime Sports listed on the last page.

Location Key

- L-Library Building
- M-Music Hall
- OM-Old Main
- P-Psychology Building
- S-Science Hall

Options

International Interims—Students are invited to consider being part of one of the three overseas interims offered by Augsburg College during January 1985. These interims are under the following departments:

Health—Sailing in the Virgin Islands

German—The Rhine Frontier

Religion—The Confrontation of Cultures and Religions in Hawaii

Augsburg students are also eligible for participation in one of the 24 international interims offered by the Upper Midwest Association for International Education (UMAIE) as well as travel interims offered by other 4-1-4 schools in the country.

Further academic description, travel details and cost estimates are available in the Interim Office and from Mary Kingsley in the International Center, Old Main 20.

Students interested in participating in one of these international interims should apply in the International Center before November 1. Additions to the overseas groups usually cannot be made after that date.

There will be no June interim in 1985.

Internships — Students electing an internship must present a completed internship learning contract to the Internship Office (Memorial 230) no later than Tuesday, November 20. Contract forms are available in the same office.

Independent or Directed Study — Students may elect a program of independent study (upper division 499) or directed study (lower division 299) for interim. Faculty members are strongly discouraged from accepting responsibility for more than one independent or directed study per interim. Students choosing to pursue independent or directed study must:

- A. Meet departmental requirements.
- B. Present to the Interim Director for approval a copy of the proposed study plan approved by the supervising faculty member. This proposal must be submitted at least one week before registration and not later than December 4. Appropriate study proposal forms can be obtained in the Interim Office.

Interims at Other Schools — Augsburg students may enroll at any other 4-1-4 institution which offers a reciprocal interim arrangement. Catalogs of these interims can be consulted in the Interim Office. The Interim Secretary will help students in applying for registration at other schools. Registration for interims at the other Twin Cities colleges will be done at Augsburg during the regular registration period. Most courses taught during the interim at other 4-1-4 schools are accepted for credit by Augsburg, but may not necessarily be accepted as meeting Augsburg's distribution requirements. This qualification particularly affects courses offered for the Religion requirement.

Non-Augsburg Students

Augsburg College welcomes 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, housing or board costs. Other students will be charged \$775 for the interim course. Students interested in registering for an Augsburg Interim should write to the Interim Director for application forms or use the forms provided by the interim office at their own school. There is an application processing fee of \$10. These students are welcome to stay on campus but are not required to do so. Requests for interim housing should be made to the Interim Office.

Augsburg Policy

It is the policy of Augsburg College not to discriminate on the basis of race, creed, national or ethnic origin, age, marital status, sex or handicap as required by Title IX of the 1972 Educational Amendments or Section 504 of the Rehabilitation Act of 1973, as amended, in its admissions policies, educational programs, activities and employment practices.

Need More Help?

Check with:

- The Interim Office (Memorial 230).
- The Interim Secretary, Ruth Maertens at 330-1025, or
- The Interim Director, Dr. Don Gustafson at 330-1192.

Courses

Art Interim '85: Washington D.C. and New York

ART 114-4501, 245-4502

Instructor: Philip Thompson

This course will provide students with the opportunity to visit major museums of art in Washington D.C. and New York (including the National Gallery of Art, National Portrait Gallery, Hirshhorn Museum and Sculpture Garden, Freer Gallery of Oriental Art, Guggenheim Museum, Whitney Museum of American Art and others). There will also be visits in New York to the studios of emerging artists.

Participants will be traveling from January 7 through 18. Days preceding the trip will be spent in preparatory lectures and visits to Twin Cities museums. The days after the trip will focus on comparative lectures and provide individuals with an opportunity to complete personal projects or assignments.

Students may opt to take this course as a drawing course, as an art history course or as a directed or independent study for either lower or upper division credit.

The tour price will be approximately \$995 and will include transportation, housing, most meals and tours.

Distribution: Art-Music

Time: 1..... Room: OM 17

The Biology of Aging

BIO 185-4504

Instructor: Robert Herforth

At some time or another in our lives most of us will either directly experience aging or be influenced by people undergoing age-related changes. This course will concentrate on the biological aspects of such changes. What is the nature of these age-related changes? What factors influence the rate of aging? Do cells isolated from the body show aging? Is aging the result of deterioration of certain cells or tissues of the body? What are the current theories as to the biological basis of aging? Is aging controlled by a biological clock? These and other questions will be addressed in this course by means of classroom lectures and discussions of assigned readings. Evaluation will be based on several quizzes and exams given during the course.

Time: 1..... Room: S 212

list for Biol OK per note in Interim '81

The Biology of Agriculture

BIO 234-4505

Instructor: Roberta Lammers

We will be taking a critical look at agriculture from the perspective of biology. What is the relationship of hunger and starvation to agricultural practices — is agriculture producing too little food for the world's population? What kinds of environmental effects have resulted from attempts to increase production in the U.S. and in the third world? What is the nature of hunger and malnutrition? What effect will biotechnology (genetic engineering, cloning, etc.) have on agriculture and agricultural production?

Class periods will be a combination of lecture and discussion. Evaluation will be based on one test, class participation and a log of readings.

Time: 1..... Room: S 319

Immunology

BIO 386-4506

Instructor: Neal Thorpe

A study of the immune system, emphasizing antibody structure and function, cell-mediated immunity, the development of the immune system, immunopathology, molecular recognition at cell surfaces as related to immune phenomena, and cancer biology and immunology. Immunological and serological techniques will be considered and demonstrated. Lectures and discussions with grades based on examinations.

Prerequisites: BIO 111, 112

Time: II..... Room: S 205

Augsburg Goes to Business

BUS 321-4507

Instructor: Thomas Morgan

This course is designed to provide students with exposure to a wide range of business functions through on-site visits to a variety of organizations in the Twin Cities, both large and small, private and public. The experiences will be oriented toward integrating what students have been exposed to in the classroom with practical issues which they will encounter on the job. Students will visit an average of three different situations each week and meet one day each week for discussion and lecture material.

Evaluations will be based upon participation and a formal business plan which students prepare and present.

Prerequisites: Permission of instructor

Time: I..... Room: OM 11

Chemistry for Changing Times

CHM 100 - 4508

Instructor: Arlin Gyberg

This is a non-laboratory chemistry course based on the very popular book by John H. Hill of the same title. It is not a traditional chemistry course and does not assume a science background. Basic science and math are introduced early and are taught as needed for understanding the various topics and implications. The course does assume the student is interested in and concerned about the relationship of chemistry to life and living.

Chemistry has been intimately a part of liberal education for centuries. The early scientists were considered to be philosophers and their societies were philosophical societies. In recent decades the human seeking of personal independence has led to chemistry becoming a part of everyday life to the point of actual dependence on chemistry. We live in a world of pesticides, fertilizers, plastics, "the pill," food additives and processed foods, vitamin supplements, the energy crisis, chemical dependency, biocides, pollutants, drugs, searching for life on other planets, genetic manipulation, and it goes on and on. Emotions and mental disorders can often be traced to chemical imbalance. The common dragged out, grumpy feeling after an afternoon nap is a result of a chemical imbalance. The nature of a hangover is the result of a complex system of altered body chemistry. Even learning appears to be the result of chemical reaction to form a "memory molecule." Most of the problems we face are molecular in nature. What then but chemistry can better help us to understand ourselves, our society, our world, and our universe? Come join us as we take a molecular look at the human condition. This course will be offered in a lecture/discussion format. Films will supplement the lecture/discussion periods. Quizzes and tests will be used for evaluation. This course does not satisfy prerequisites for Chemistry 106, 116 or 223.

Distribution: Chemistry-Biology

Time: I..... Room: S 315

Understanding International Trade and Finance

ECO 360-4509

Instructor: Ed Sabella

This will be a study of the underlying forces affecting the economic relations among nations. We will consider the development and bases of international trade, the balance of payments, the mechanics of adjustment and general commercial policies. Grading will be on the basis of examinations and possible other written assignments.

Prerequisites: ECO 122 and 123 or permission of instructor

Time: II..... Room: M 22

Elements of Mathematical Economics

ECO 353-4510

Instructor: Satya Gupta

In Business and Economics, development of analytical skills is imperative. This course will be designed to help attain this goal.

Economics will be explained using mathematics as a tool. Examples from Finance, Management, and Marketing will also be solved.

Evaluation will be through tests and assignments.

Prerequisites: ECO 123

Time: II..... Room: OM 23

Teacher Education with New Boundaries

EDE-413-4519, EDS 413-4520

Instructor: Lauretta Pelton

This course will give the student the opportunity to expand his/her knowledge about teacher education and the schools in a chosen geographic area beyond Minnesota. The student is encouraged to do the greater share of research at the chosen location. This will include a specified number of days/hours to be spent in a school. This research will also help the student identify courses s/he can take to fulfill requirements of that locale, and to better prepare for that setting should s/he choose to live there. The student will research:

1. the professional and licensure requirements of the chosen state or country, its job market, salary scale and level of living.
2. the expectations in the school curriculum as identified by local and extended educational governing powers.
3. various education concerns such as teacher unions, cultural make-up of the schools along with related implications, testing-grading-promoting, etc.

Should a student prefer to remain in Minnesota for a specialized study related to curriculum or school systems, that student will select an area of the elementary curriculum for intensive study as it is developed and implemented at all grade levels in a specific school district. The student will acquaint him/herself with: 1) the school's curriculum guide and resources for that subject area and 2) appropriate resources found outside that school system.

As a result of this research the student will develop and complete one or more education projects which will be used in future teaching. All activities related to the project will be submitted in completed form.

Because much of the course will follow the format of an independent study, each student will contact the instructor prior to December 15, to make known in writing the location of choice, specific objectives, strategies and evaluative procedures for him/her to fulfill the requirements of the course.

Prerequisites: ED 255 or permission of instructor

Time: I..... Room: L 6

Student Teaching

EDS 481 - 4511 EDE 481 - 4515
 EDS 482 - 4512 EDE 482 - 4516
 EDS 483 - 4513 EDE 483 - 4517
 EDS 484 - 4514 EDE 484 - 4518

Instructor: Sheldon Fardig

Observing and directing learning under supervision of college and secondary school personnel. This is a full day experience in a school.

Prerequisites: Acceptance in Education Program and permission of instructor.

Grading P/N only

Time: I..... Room: L 4

The Short Story

ENG 240-4521, 340-4522

Instructor: Richard Sargent

We will read a variety of short stories for pleasure and understanding. The selected stories will include the major genres, such as the science fiction of Ray Bradbury and Arthur C. Clarke, the detective fiction of Arthur Conan Doyle, the humor of Mark Twain, and the experimental fiction of John Barth and Jorge Luis Borges. Women such as Doris Lessing and Joyce Carol Oates and blacks such as Richard Wright and James Baldwin will be among the authors studied, as will writers from a variety of nationalities.

Although the course will not involve a systematic analysis of the history of the form of the short story, a sufficient number of classics will be assigned for the student to appreciate the historical development from Poe to Paley. The course will involve practice in ways of approaching literature and will include study of the basic critical terminology, so it would be an appropriate course for students who have not yet studied literature at the college level.

Students are expected to read the stories, participate in class discussions, write a paper on a topic selected with the advice of the teacher, and take several tests and a final essay exam. Effective Writing is not a prerequisite but students will be expected to write with clarity.

Distribution: English-Speech, Communication and Theater Arts

Time: I..... Room: M 23

Creative Writing Workshop: The Prose Poem

ENG 362-4523

Instructor: John Mitchell

Three students from each of the five colleges of the Associated Colleges of the Twin Cities will be chosen, on the basis of portfolios submitted to their respective English departments, for participation in this workshop. The content of the course will emphasize the participants' own creative work during the Interim, including discussion and criticism. In addition, there will be some study of the tradition of the prose poem internationally. Although the emphasis will be upon the prose poem, students may use the form as an originating basis for poems and short stories. Thus writers of both prose and poetry are invited to participate. Grading will be based upon completion and revision of poems during the course, with some consideration given to class participation. Students are encouraged to take the course for P/N credit.

Interested Augsburg students should contact John Mitchell of the English Department and submit selected examples of their writing to him by 11/1/84.

Prerequisites: Permission of the instructor

Time: II..... Room: OM 13

Beginning French I

FRE 111-4524

Instructor: Ruth Askov

This course will provide an introduction to the French language and culture. We will practice situational French to develop listening and speaking skills, reinforced by some reading and writing of the language. The pronunciation system and basic sentence structures are taught to enable understanding and self-expression at a rudimentary level.

Evaluation will be through group cultural study and individual projects on a cultural topic. There will be oral and written quizzes and daily 30-minute laboratory assignments.

Distribution: Foreign Language

Time: II..... Room: OM 25



January 3-27, 1985

The Rhine Frontier: Germany Meets Rome and France

GER 333-4525

Instructor: Donald Steinmetz

meets 2nd level lang. dist.

Since Roman times, the lands along the Rhine have been one of the most significant frontier areas of Europe. Here German and Roman cultures clashed and mixed. Here modern Germany and France have their roots in the empire of Charlemagne. Here romanesque and gothic architecture flourished in the Middle Ages. Here Germans and French fought in three recent wars. It is such events which have shaped life and left so many monuments between the Rhine and the Meuse. The student will study and "relive" the history of this area on location, from the Roman monuments of Trier and Cologne, Charlemagne's Aachen, to the battlefields of World Wars I and II and the dynamic society of present-day Germany. The course will be conducted primarily in Trier, Germany, with excursions to nearby sites.

Trier is ideal for this purpose. Perhaps the oldest city in Germany, Trier is rich in monuments dating from Roman times to the present, and important historical sites of five countries are less than 100 miles away. Lectures, discussions, and readings will be principally in German according to the student's entering level of competence.

P/N only. Grading will be based on oral exams and diary to be kept in German.

Prerequisites: German 112 or equivalent

Cost: \$1690

Distribution: Foreign Language

Beginning Spanish II

SPA 112-4526

Instructor: Gunta Rozentals

This course is intended for students who have completed Spanish 111 or its equivalent. It is an intensive study of the basic grammar structures beyond the present and the past tenses to enable the student to use the four basic language skills at a level that is acceptable for the fulfillment of the language requirement. The objectives are achieved through classroom practice, homework, and language laboratory exercises. Grading is based on tests, exams, homework and classroom participation involving oral skills.

Prerequisites: Spanish 111 or equivalent

Distribution: Foreign Language

Time: I..... Room: OM 25

How to Ace a Term Paper by Really Trying

GST 165-4527

Instructor: Myles Stenshoel

Participants will ~~engage in~~ ^{edit} rewrite and ~~write~~ ^s a paper/^s on which they originally received grades of C or less. The goal/^s are (1) to improve the paper/^s to the ~~point which it would earn~~ level

an A/~~if it had been done right the 1st time~~ and (2) to develop, in the process, competency in writing/^{excellent} good papers.

Students will work with

~~Aspects to be considered include~~ such issues as bibliographical adequacy, documentation, originality, organization, clarity, literary quality,^{and} validity of logic and conclusions. Technical trivia, such as typography, spelling and punctuation, will be part of the regimen.

The course will require joint activity as well as individual work. ^G The grades will be based degree of (of?) on the/~~improvement on~~ the paper and on the development of writing and editing skills.

Prerequisites: By permission of instructor after a sufficiently bad term paper has been submitted to him

Time: I..... Room: OM 22

Recreational Rhythms and Activities

HPE 232 - 4528

Instructor: Bethany Shifflett

Theory and practice in teaching and performing American heritage and international folk dances. Exposure to New Games concepts and activities. The majority of the course grade is based upon participation in class activities, a teaching assignment, and a written test.

This is a 1/2 credit course.

Time: I - Jan 3-16 Room: Melby

Administration and Supervision of the School Health Program

HPE 410 - 4529

Instructor: Richard Borstad

Historical background, legal bases, school health services, and relationships to community health program and resources. Methods and materials in health education with laboratory experience in classroom and community.

Periodic exams covering lecture and textbook assignments; written summaries of professional journal articles; in-class activities, including a presentation on a teaching method.

Prerequisites: HPE 320

Time: I..... Room: Melby 13



January 5-24, 1985

Sailing in the Virgin Islands

HPE 455-4530

Instructor: Joyce Pfaff

Designed for the beginning and intermediate sailor interested in the art and practice of sailboat cruising. The course will focus on taking the participant to a competent level of sailboat handling (anchoring, mooring, helming and crewing). The student will live aboard a 42' fixed keel sailboat with six or seven other people and will function as an active crew member.

Actual on-the-water instruction will be the major part of the course. This will be supplemented by sessions dealing with safety, boat handling, boat systems, provisioning, trip planning, piloting and navigation. Sailing will include cruises to various islands and cays in the British and American Virgin Islands.

Snorkeling and windsurfing will be available on an optional basis.

Evaluation will be based on individual demonstrated competencies in crewing and leadership in the role of "acting captain." A daily ships log will be kept by all participants and a final written exam will be given.

Cost: \$2100

Distribution: Lifetime Sports

Coaching of Basketball

HPE 477-4531

Instructor: David Boots

Theory, technique and administrative aspects of coaching basketball. Exams, on-the-floor coaching techniques, and a scouting report will be the methods of evaluation.

This is a 1/2 credit course.

Time: I - January 17-30 Room: Melby

Officiating of Basketball

HPE 481-4532

Instructor: Al Kloppen

This course will focus on learning the rules and mechanics of the game of basketball. There will be practical experience on the floor. Students completing the course should be ready for certification by the Minnesota High School Association. Grade evaluation will be based upon tests, papers prepared and performance on the floor. While there are no prerequisites, it is highly advisable that students have some basketball playing experience.

This is a 1/2 credit course.

Time: II, January 3-16..... Room: Melby

Paris in the Nineteenth Century

HIS 114 - 4536

Instructor: Orloue Gisselquist

The French are sometimes accused of thinking of Paris as the "navel of the universe." There's a bit of "sour grapes" caricature in that clever statement. For if one could pick out a city which in the last thousand years has been more important to Western Civilization than any other, one could make a good case for Paris. In this course we will study the history of that city in one period of its greatness, the nineteenth century. We will use some readings about France, Paris, and Modern urbanism, but a main emphasis in our reading and approach to the subject will be the use of some nineteenth century French novels as historical sources for the study of Paris. We will thus have the opportunity to study the city of Paris in this century in some fullness, read some great literature, and develop our talents in the use of historical material. As a bonus we will double (maybe quadruple!) our enjoyment of a future trip to Paris. The course will be conducted in part as a lecture course and in part as a seminar (discussion of readings, short papers, and shared reports— all part of the evaluation). There will be a final exam.

Distribution: History-Philosophy; Urban Concerns

Time: II.....Room: P 3

20th Century South Asia

HIS 162-4537

Instructor: Don Gustafson

This geographic area has produced the largest working democracy in the world today; from this people have come one of our century's greatest "saints" and also one of the most renowned statesmen; it is a standard example for population crisis and world hunger illustrations. South Asia is all this— and much more.

This course is designed for the student who has interest but little or no background in non-western subjects—though others are also welcome. The heart of the course will be in a wide assortment of readings (some of them really excellent) but there will also be lectures, time for discussion and frequent breaks for slide presentations.

Grades will be based on general level of participation, on some written work and probably a test.

Distribution: History-Philosophy

Time: I.....Room: OM 16

Eastward to America: Limited Hospitality

HIS 220-4534, 320-4535

Instructor: Khin Khin Jensen

An investigation of the rationale for the immigration pattern, economic opportunities, and social, political and economic problems encountered by the following immigrants: Chinese, Japanese and Koreans in the United States. Focus on these three ethnic groups will involve both the "old" immigrants and the "new" immigrants. Course will utilize ethnic speakers (Chinese, Japanese and Koreans) in a home environment—discussion format. There will be ethnic meals, ethnic cooking demonstrations, films, slides and field trips—all these are important components of the course as is the academic component of readings, etc.

Focus is on the experiences of these ethnic groups in Hawaii, California and Minnesota. Upper division students will do a paper and a journal, lower division will do a journal. There will be an exam on the text and readings.

Fees: \$15 for meals and films etc.

Prerequisites: Lower Division, None

Upper Division, sophomore standing and consent of instructor

Distribution: History and Philosophy

Time: I.....Room: L 1

Introduction to Oral History

HIS 481-4538

Instructor: Richard Nelson

This course will investigate the methods and approaches involved in writing history from oral sources. Students will read and discuss material on the nature of oral history during the first week of the course. The remainder of the term will be reserved for identification of and research on a topic which will include the techniques of oral history. A paper based on this research will be due on the last day of the term.

Prerequisites: Permission of the instructor

Time: II.....Room: OM 10

The Philosophy of Healing

INS 141-4547, 341-4548

Instructor: Pam Weiss-Farnan and Mark Fuehrer

Since a human being is a besouled body, wholeness must involve both the mind and the body. Further, since the mind is the principal directed force in human beings, wholeness is directed by the mind. Disease in a person can therefore be approached as a phenomenon that requires the response not just of the whole person but under the direction of the mind, the human being can strive to cooperate with nature in the process of healing either diseases of the mind or the body. Western and Eastern philosophies ask the question, "How can one heal oneself?" and have evolved some startling answers about perspective, attitude, and knowledge of disease. In western healing, we now ask how our technological approach can be merged with personal healing. These concepts fall into a pattern, that when analyzed, reveals a power one has over one's health.

In this course there will be readings and lectures covering philosophical views of healing, western and nonwestern approaches to disease and healing, and an opportunity to learn about and investigate further various healing practices and therapies such as acupuncture, biofeedback, homeopathy, massage and so on.

Course grades will be determined largely from a paper. Upper division students will be expected to produce a longer and more sophisticated paper than those taking the course for lower division credit.

Time: II.....Room: OM 16

Dist

Brush Up

MAT 103-4539

Instructor: Bev Durkee

This course is designed as a brush up in arithmetic and elementary algebra skills for students scoring I on the Mathematics Placement examination. The course will be particularly helpful for students in elementary education or who will be taking statistics as part of a major. Part of the work will be done on the computer. There will be diagnostic tests to determine study needs, homework assignments to gain skills, and written problem solving tests to determine achievement. Grades will be determined by test scores. Course of study is completely individualized.

Prerequisites: Mathematics Placement Examination score I.

Time: IRoom: S 112

Mathematical Modeling

MAT 132-4069

Instructor: Paul Hulse

This course will focus on the development of mathematical models to describe and study selected problems in the "real world." The course will emphasize the use of analytical methods of mathematics to study these problems.

Prerequisites: Basic algebra and geometry

Distribution: Mathematics-Physics

Time: IRoom: S 213

An Exposure of Chaos in Modern Cosmic Models

MAT 136-4540, 336-4541

Instructor: Henry Follingstad

An exploration of math-related ideas and Space-Age research which critically re-evaluates present "scientific dogmas" on the universe and the smaller cosmic models of earth, life, and mankind. New Space-Age data, much of it ignored or misinterpreted, is uncovered to show inadequacies and contradictions in cosmology, relativity, macroevolution, and their links to geology, biology, and the humanities. Space-Age alternatives are also presented to integrate the flood of news media with past knowledge.

Class instruction and individual research will include study of the historical and modern impact of math-related cosmic models, and will note some misuses of mathematics which have elevated some "scientific speculation" into "scientific fact." A written research paper is required in one of six major areas discussed.

Upper division students will show broader research scope and writing ability and will present extensive oral summaries of their papers.

Distribution: Mathematics-Physics

Time: IRoom: OM 23

FORTRAN

MAT 270-4567

Instructor: Leo Lake

A study of the FORTRAN programming language to expand the student's knowledge of languages. This course is especially vital to computer students who will work with the scientific community where FORTRAN is a well entrenched language. The course will involve daily lectures, extensive programming on the PDP 11 and a programming project on which grading will be based.

Prerequisites: One course with a study of a computer language (e.g. MAT 145, 170, or 175 or BUS 250)

Time: II.....Room: S 112

Special Functions and Their Applications in the Physical Sciences

MAT 327-4542

Instructor: Mark Engebretson

(See description under Physics)

Introduction to Music Therapy: A Clinical Overview

MUS 110-4543

Instructor: Roberta Metzler

Visitation of clinical facilities in the Metropolitan area to observe music therapy in practice. Objectives of the course will be to become familiar with a variety of clientele (including mentally retarded, emotionally disturbed, and physically handicapped), and to observe how music therapy functions with different populations. In addition to the field trips, classroom discussions will include an overview of music therapy practices and theory in this country and abroad. Evaluation will be based on tests, field trip reports, and class participation. A special fee of \$15.00 will be required, to cover the cost of transportation. A special class project will be required for upper division credit. Student times must be flexible, to allow for field trips during either the morning or afternoon.

Fee: \$15.00

Distribution: Art - Music

Time: II.....Room: M 24

Improvisation in Music

MUS 129-4544, 329-4545

Instructor: Stephen Gabrielsen

The objective of this course is to learn to improvise in a variety of styles.

Procedure: Assignments will be given using differing improvisational techniques. Students will perform for each other in class.

Upper division students will be expected to produce additional improvisations.

Prerequisites: Minimal ability on a musical instrument or instructor's permission

Distribution: Art-Music

Time: IRoom: M 4

Trends and Issues in Nursing

NUR 330-4546

Instructor: Alice Stark

This course is intended to give students a broad perspective by introducing current trends and issues in health care and the profession of nursing. Many of the issues are controversial, are relevant to current practice and have potential for far-reaching effects in health care. Students will be graded on group presentations and written examinations.

Prerequisites: Registered Nurse

Time: IRoom: OM 12

Introduction to Weather

PHY 106-4568

Instructor: Noel Petit

A study of the science of meteorology which will provide a working knowledge of the principles of atmospheric science. Attention will be given to four basic areas: observing the weather (including state of the art instrumentation), understanding weather patterns, forecasting weather changes and understanding the world's climate. Related topics to be included are: hydrology (study of the earth's water cycle), pollution, economic effects of the weather, and weather's impact on world events. This course is designed to be an elective or satisfy the Mathematics-Physics distribution requirement for the liberal arts student. The course will include daily lectures, assignments (one or two laboratory sessions per week), two one-hour examinations and a research project.

Prerequisites: High school algebra

Distribution: Mathematics-Physics

Time: II.....Room: S 315

1985 Oak Ridge Associated Universities Science Minimester

PHY 322-4549

Instructor: Kermit E. 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 at Augsburg, (2) participation in the 1985 Oak Ridge Associated Universities Science Minimester where the student has the opportunity to study projects in nuclear radiation physics, radiobiology, radiochemistry, environmental radiation, coal technology, 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-Professional Training program. Two weeks of the course will be spent in Oak Ridge, Tennessee utilizing the instructional staff and laboratory facilities of ORAU. These facilities provide an opportunity for laboratory experience not normally available to undergraduate students.

Fees: The cost for travel and housing will be approximately \$300.

Prerequisites: Consent of instructor.

Time: I.....Room: S 24

Special Functions and their Applications in the Physical Sciences

PHY 327-4550 MAT 327-4542

Instructor: Mark Engebretson

Certain mathematical functions find use throughout the physical sciences and engineering disciplines because of the high degree of symmetry they can represent. This course will acquaint the student with three categories of functions and their applications: Legendre polynomials and spherical harmonics, Fourier series and transforms, and functions of a complex variable. High resolution graphics using the Tektronix 4051 Graphic Computer will be used to enhance understanding of the symmetries involved.

Student performance will be evaluated on the basis of several problem sets and project.

Prerequisite: Physics 122 or consent of instructor; Mathematics 224 or equivalent

Time: I.....Room: OM 21

The United Nations

POL 166-4551, 366-4552

Instructor: Manjula Shyam

The course will involve detailed study of:

- structure, purpose and functions of the United Nations,
- geographical, historical, cultural, political and economic background of the member states of the Security Council,
- selected current topics before the United Nations,
- procedural rules of the Security Council.

The course will lead to a six to eight hour simulation of a meeting of the Security Council. Evaluation of students in the course will be based on three short papers and on performance in the simulation. Participation in the simulation is compulsory.

Upper division students will be required to submit an additional paper analyzing the political processes of the Security Council.

Prerequisites: One political science course for upper division credit

Distribution: Economics-Political Science

Time: II.....Room: M 23

Self-Identity and Values

PSY 110-4553

Instructor: Norman Ferguson

The objective of this course will be to examine the concept of "self" or "self-identity" (Who am I? What do I think and feel about myself?). The relationship between self-identity and personal values will also be explored. Though the course will have mainly a psychological focus, reference will be made to spiritual and philosophical issues that relate to the concepts of self-identity and values. The content of the course will cover topics such as: the acquisition and development of self-identity and values, including the influence of sex roles; the clarification of values; the growth and change of self-identity and values during adulthood; and the relationship between self-identity and spiritual growth.

Class time will be devoted mainly to the discussion of these issues in small groups. Active participation by each student is expected along with the sharing of relevant individual experiences. Evaluation will be based on class participation, one or two short papers, and possibly one exam. This course may not substitute for PSY 105 for students pursuing a major or minor in psychology. Grading P/N only.

Prerequisites: Permission of instructor

Distribution: Psychology-Sociology

Time: I.....Room: P 1

Christianity in Modern Africa

REL 366-4554

Instructor: Bradley Holt

This course will focus on two regions of Africa: the West and the South. Students will be introduced to traditional African culture and religion, the introduction of Christianity, and the present development of indigenous churches in West Africa. The newer "Independent African Churches" will be studied, as well as attempts to formulate "African Christian Theology." A major section of the course will focus on contemporary responses of churches in South Africa to the apartheid system of racial segregation. There will be lectures and discussion of reading materials, films, and visiting resource persons. Students will be evaluated on several short tests and a short research paper.

Prerequisites: One course in religion.

Distribution: Religion (Only one Interim course may be used toward graduation religion requirements)

Time: II.....Room: OM 18



January 2-26, 1985

The Confrontation of Cultures and Religions in Hawaii

REL 321-4555

Instructor: John Benson

A study of Buddhism, Protestant Christianity, Mormonism, and Polynesian religion with special attention to their interrelation in Hawaii. Special attention given to the following: the meeting of New England Calvinism and Hawaiian traditional culture and religion and its results today; the meeting of Christianity and both Chinese and Japanese Buddhism in Hawaii today; and the approach of the Church of Jesus Christ of Latter Day Saints (Mormons) to the Polynesians. Efforts will also be made to study aspects of Chinese and Japanese cultures and religions in their own right.

Evaluation will be based on class participation and the submission of a journal.

Grading: P/N only

Prerequisites: one religion course (Only one interim course may be used toward graduation requirements)

Cost: \$1745

Distribution: Religion

The Lutheran Heritage

REL 345-4556

Instructor: Eugene Skibbe

The Lutheran Church is the largest Protestant church in the world. We will examine the Lutheran Church as it is today, its origins in the 16th century, and its development and cultural influence during 450 years of history. The text by Bergendoff will provide an overview. Lecture and class discussion will deal with examples of Lutheran witness to the Gospel in art, music, missions, philosophy, sociology and theology. Requirements will include two exams and one short paper.

Prerequisites: One course in religion

Distribution: Religion (Only one interim course may be used toward graduation religion requirements)

Time: IRoom: M 24

Ethnicity and Community in Urban Society

SOC 261-4560

Instructor: Gordon Nelson

It has been suggested that the persistence of ethnic neighborhoods in American cities has functioned as a locus of community in urban life. Moreover, it is argued that these communities have provided stability and identity in the face of the dehumanizing tendencies in an industrialized and bureaucratized society. This course will attempt to assess the extent to which the foregoing assertions might apply to ethnic neighborhoods in the Twin Cities. After some preliminary background sessions and readings, each member of the class will be asked, either individually or as part of a group, to explore a particular ethnic community in the Twin Cities and report back to the class. This class presentation and a final examination will be the basis of evaluation for the course.

Prerequisites: None

Distribution: Urban Concerns

Time: IRoom: M 22

Exploring the Human Services

SWK 257-4557

Instructor: Mary Lou Williams

Thirty hours per week of volunteer work in a human service agency is combined with readings and weekly seminars. An opportunity to discover whether a career in human services is for you. Evaluation will be based on submission of journals, summary of experience and a final examination. Students will be asked to meet with instructor before the end of Fall semester to discuss selection of agency and structure of the course.

Objectives:

1. To develop special awareness of the kinds of problems for which people seek help.
2. To increase knowledge of the services given by the agency in which student is serving.
3. To gain knowledge of the professionals in the organization, including their skills, competencies, education, and training.
4. To gain beginning knowledge about the diversity of human services agencies.
5. To increase understanding of self in relation to the human service field.

Time: 1Room: P 3

Field Work III

SWK 466-4558 (1 course), 466-4559 (½ course)

Instructor: Maria Brown

The objectives of the class are to use supervisory relationship to increase interpretive as well as social work performance competence; to promote gradual entry into direct social work practice; to increase competence in the client contact phase of the problem solving process; to increase student self-awareness in regard to professional practice interests, areas of strength, and areas for personal/professional development; to promote competence in the full process of problem solving, with special emphasis on analysis and resolution stages.

Course content will be continuation of Field Work II—educationally focused field placement in a social service agency.

Students will spend 15 (or 30) hours per week in field placement, plus one hour per week in faculty facilitated supportive seminar held on campus.

Evaluations will be made in writing by Field Instructor using previously developed contract and social work evaluation form.

Note: Course is offered for 1/2 (15 hours per week) or full (30 hours per week) credit. If for full credit, 1/2 credit will be based on non-client contact tasks.

Prerequisites: Minimum of 2.0 in Field Work I and in Field Work II; candidacy status

Time: Arrange with instructor

Imagination and Humor in Communication

SPC 165-4561, 365-4562

Instructor: Ray Anderson

Imagination, creative thinking, and humor are important dimensions of communication competence. The major purposes of this course are to better understand the functions of imagination, the creative process, and the nature of humor; to improve creative thinking; and to increase the ability to produce effective humor.

There will be lectures and readings on these topics, a study of models, and a variety of assignments, in writing and speaking. There will be a number of experimental projects involving humor; the amount of attention given to this topic will depend in part upon the interests of the class.

Evaluation will be based on essay examinations and on the creative projects. For upper division students, one or more additional papers will be required.

Prerequisites: Beginning Speech, Freshman English

Time: II.....Room: L 1

Story Theater (Children's Theater)

SPC 285-4563

Instructor: Ailene Cole

This class will improvise, produce, and perform a children's play. Whatever is needed—script, costumes, props, lights, scenery, music, dance—will be created and executed by the class. Performances are scheduled for the final week.

Time: 9:30-12:00 and 1:00-3:00 p.m.Stage 2

Other Courses

These courses are offered by institutions or groups not connected with Augsburg College but have been approved for credit by the College. Most carry a tuition cost plus other expenses which are the responsibility of the student. They are offered only on a P/N basis. Fuller descriptions and details for registering are available in the Interim Office.

ART 163-4564 **Basic Spinning, Weaving and Dyeing**

Offered by the Weavers Guild of Minnesota. Tuition and materials cost \$174.

POL 398-4565 **Washington Interim: After the Inauguration: Continuity or Change?**

POL 398-4566 **Washington Interim: The Legal System and Legal Careers**

Washington Interim provides a combined program of lectures, site visits, and seminar situations focusing on a particular area or topic in Washington, D.C. Information on either of the above programs, housing and financial assistance is available from Dr. Milda Hedblom in Memorial 117A.

Augsburg Lifetime Sports

The following activities are available to students during interim. They do not carry official credit, but they do meet the lifetime sports requirement for graduation. Students may participate in any one of these without registering for the course, but will be expected to pay any fees whether or not the student registers for the course.

Weightlifting

HPE 002-4571

Instructor: Paul Grauer

Distribution: Lifetime Sports

Time: 9:20.....Melby

Running

HPE 002-4572

Instructor: Paul Grauer

Distribution: Lifetime Sports

Time: 12:00 noonMelby